HANSON VAN VLEET, LLC

HYDROGEOLOGIC & ENVIRONMENTAL CONSULTANTS

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REMEDIAL INVESTIGATION REPORT

Tim Bayly Property
800 Broadway
City of Rensselaer
Rensselaer County, New York
Site No.: C442043

Submitted To:

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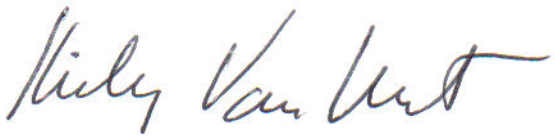
CERTIFICATION

REMEDIAL INVESTIGATION REPORT

Tim Bayly Property
800 Broadway
City of Rensselaer
Rensselaer County, New York
Site No.: C442043

I, Kirby Van Vleet, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and is substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.



Kirby Van Vleet, PG
Vice President/Senior Hydrogeologist/"Qualified Environmental Professional"/Project Manager

I, Travis Mitchell, certify that I am currently a NYS registered Professional Engineer and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and is substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

Travis J. Mitchell, P.E.
Environmental Design Partnership, LLP

1.0 INTRODUCTION

This remedial investigation report (RIR) presents the results of a remedial investigation (RI) completed by Hanson Van Vleet, LLC, Inc. (HVV) and Environmental Design Partnership LLP (EDP) in connection with the Tim Bayly Property, located at 800 Broadway in the City of Rensselaer, Rensselaer County, New York (See Figure 1) performed under the New York State Brownfield Cleanup Program. The property is identified as Site No.: C442043.

This RIR includes a summary of the site history, summary of prior environmental site assessments and/or investigations, a description of the geologic and hydrogeologic setting, a summary of subsurface features and sensitive receptors and results of this investigation to further delineate the two area(s) of concern (AOCs) identified previously by others. Previous investigations completed by others have been reviewed and used by HVV in the preparation of this RIR. Where applicable, data collected by others have been included in this report.

The field work for this remedial investigation (RI) was performed using the procedures and methods described in the New York State Department of Environmental Conservation (NYSDEC) approved "Remedial Investigation Work Plan, Tim Bayly Property, 800 Broadway, City of Rensselaer, Rensselaer County, New York, Site No.: C442043, final revision dated April 30, 2015. The scope of work also incorporated the NYSDEC approved Quality Assurance Project Plan (QAPP), Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP). All work was performed under the direction of Mr. Kirby Van Vleet, Senior Hydrogeologist at Hanson Van Vleet, LLC ("Qualified Environmental Professional") in collaboration and review by Travis Mitchell, P.E. a principal of Environmental Design Partnership, LLP, a New York State registered limited liability partnership, performing professional services in New York State and Mr. Kirby Van Vleet, Senior Geologist and Qualified Environmental Professional of Hanson Van Vleet, LLC.

This Draft RIR was performed in general accordance with the NYSDEC Division of Environmental Remediation (DER) *DER-10, Technical Guidance for Site Investigation and Remediation* (May 2010) and *6 NYCRR Part 375 Environmental Remediation Programs, Subparts 375-1, 375-3 and 375-6.*

1.1 Purpose

The purpose of the RI was to characterize on-site and off-site media potentially impacted by the historic dry cleaning activities performed at the site. The RI was performed to achieve the following Brownfield Cleanup Program (BCP) objectives:

- To collect additional data to better define the nature and extent of chlorinated volatile organic compound and other identified contamination on the Site. A previous investigation identified chlorinated volatile organic compounds (VOCs) within the soil and groundwater adjacent to the property and soil vapor within the structure above NYSDEC and/or New York State Department of Health (NYSDOH) standards, criteria and/or guidelines.
- To identify if residual contaminant source area(s) are present on the Site, by evaluating the vertical and horizontal extent of potentially contaminated soil and groundwater.
- Investigate any identified areas of concern (AOCs) associated with the former dry cleaner site.
- Characterize the site to determine if remedial action is needed for the protection of human health and the environment. The information collected will be utilized to develop remedial

alternatives based on site-specific soil and groundwater quality data, for the protection of human health and the environment, if determined necessary.
- To produce data of sufficient quantity and quality to support remedial alternatives, if warranted.
- Develop a plan that allows for reuse of the property, while accounting for protection of human health and the environment.

References used in assessment of this Site are identified in the References section of this document.

1.2 Scope of Work

The scope of work for this RI included:

- Perform a Subsurface Utility Clearance
- Trace and video waste lines to determine if they are connected to existing sanitary sewer and determine if there are any visible breaches.
- Perform soil gas survey beneath the basement floor of the structure
- Collect subsurface soil samples for analysis for TCL VOCs, TCL SVOCs, PCBs, TAL Metals and Pesticides at locations both outside and within the structure.
- Collect two surface soil samples from zero to two-inches in depth for analysis for TCL SVOCs, PCBs, TAL Metals and Pesticides at locations outside the east wall of the structure.
- Collect two surface soil samples from zero to six-inches in depth for analysis for TCL VOCs at locations outside the east wall of the structure.
- Define the nature and extent of known groundwater contamination by the installation of additional groundwater monitoring wells.
- Collect groundwater samples from all monitoring wells installed on and directly adjacent to the property for analysis for TCL VOCs, TCL SVOCs, PCBs, TAL Metals and Pesticides.
- Collection of samples of interior construction materials (wood sub-floor) in the suspected area of former dry cleaning equipment.
- Perform a sub-slab vapor investigation at the adjacent 1 Partition Street property
- Manage investigation derived waste.
- Site surveying.
- Perform a desktop design of proposed sub-slab depressurization system as a remedial option.
- Evaluate all data to perform a qualitative human health exposure assessment for the site.
- Present conclusions and recommendations based on the evaluation of data derived from the investigation.

1.3 Report Organization

This RIR is organized into the following sections:

- Section 1 provides the introduction to the RIR.
- Section 2 describes the site history and the results of previous investigations.

- Section 3 describes the field investigation activities performed at the site.
- Section 4 describes the physical characteristics of the site.
- Section 5 summarizes the analytical results and nature and extent of contamination
- Section 6 presents a qualitative human health exposure assessment
- Section 7 presents the conclusions and recommendations.

References, tables, figures and appendices generated during this RI are presented immediately following the report text.

2.0 SITE DESCRIPTION AND HISTORY

2.1 Site Description

The site is located at 800 Broadway in the City of Rensselaer, Rensselaer County, New York. The site is located at the northeastern corner of the intersection of Broadway and Partition Street. Rensselaer County tax maps identify the site as Section 52, Block 3, Lot 18. The 3,548 square foot site is almost entirely occupied by the existing structure. An aerial photograph of the site and immediate surrounding area is included as Figure 2. The location of the structure in relation to the property lines is shown on Figure 3 and a survey of the site and adjacent properties is included in Appendix A. The Brownfield property is defined by the surveyed property boundary lines.

According to a Phase 1 Environmental Site Assessment report prepared by Arcadis, dated September 26, 2012, the site was used as a dry cleaner from at least 1956 to 1978. Sanborn maps indicate the area was developed at least back to 1909, with commercial and/or residential structures occupying the site and surrounding area. No specific uses were noted, with the exception of the time the site was identified as "Roxy Un Cleaners" (Roxy) from 1956 to 1978. Information reviewed from City Directories indicate the site has been vacant since approximately 1978 when Roxy vacated the site. Tim Bayly Development, LLC obtained the property in 2013.

The site is located in an urban area of mixed commercial and residential use. The zoning is "Downtown Mixed Use (MU-1)". The site has been approved by the City of Rensselaer for redevelopment as a retail wine and liquor store. The existing structure will be rehabilitated for future use.

The site is improved with one wood framed structure on a stone and concrete foundation. Part of the basement floor is dirt, while the remaining portion is poured concrete. A large concrete structure in the basement that extends through the first floor is suspected to have been the base for the former dry cleaning equipment. The footprint of the building occupies approximately 3,248 square feet of the 3,548 square foot site. There is approximately 300 square feet of land not occupied by the structure at the eastern edge of the property.

2.2 Summary of Previous Investigations and Assessments

2.2.1 Phase 1 Environmental Site Assessment

A Phase 1 Environmental Site Assessment (ESA) was performed by ARCADIS on two vacant properties known as 1) 824 Broadway and 2) (North of) 1 Partition Street for the City of

Rensselaer. The ESA, dated September 26, 2012, was performed under a USEPA Brownfields Hazardous Substances Assessment Grant. The ESA included the subject property at 800 Broadway. The ESA identified a recognized environmental concern/condition (REC) associated with the subject property. The use of 800 Broadway as a Roxy Cleaners from at least 1958 to 1978 was considered a REC. The Phase 1 report is included in Appendix B.

2.2.2 Phase II Environmental Site Assessment

A Phase II Environmental Site Assessment was performed by ARCADIS and the results presented in a report dated August 2, 2013. The Phase II was performed to address the RECs identified in the Phase 1 ESA, including off-site areas, which entailed the subject property at 800 Broadway.

The scope of work included: surface soil sampling, subsurface soil sampling, sump water sampling, groundwater sampling (installation of five monitoring wells), indoor air sampling, outdoor air sampling, sub-slab soil vapor intrusion sampling and soil vapor sampling. The Phase II investigation narrative, figures, soil boring logs and analytical results tables are included in Appendix B.

2.2.2.1 Soil Investigation

Two surface soil samples were collected from exposed soil within the basement of 800 Broadway. Portions of the concrete slab floor had been previously removed by others to expose the soil within the basement. The surface soil samples were analyzed for TCL VOCs. No VOCs were detected in the two surface soil samples collected from the basement of 800 Broadway exceeding 6 NYCRR Part 375 Unrestricted use Standards.

Five soil borings were advanced in the area to depths of 15 to 20-feet below grade, using hollow stem auger drilling methods. Four of the soil borings were located adjacent to the 800 Broadway property (SB-1, SB-3, SB-4 and SB-5). Continuous split spoon samples were collected from grade to the base of each soil boring. Soils were continuously logged in the field, and screened with a photoionization detector (PID) for the presence of volatile organic compounds. Soil Boring logs indicate the site specific unconsolidated deposits consist of fill from the surface to approximately 4.5 to 9 feet in depth, underlain by interbedded silt and/or clay. Soil classifications, PID responses and additional subsurface information were recorded on soil boring logs (See Appendix B).

No staining, odors or VOCs were identified in the field. One soil sample was collected from each soil boring for analysis TCL VOCs. No VOCs were detected in the subsurface soil samples collected from soil borings SB-1, SB-3, SB-4 and SB-5 exceeding 6 NYCRR Part 375 Unrestricted use Standards.

2.2.2.2 Groundwater Investigation

The five soil borings (SB-01 through SB-05) were completed as 2-inch diameter monitoring wells (MW-01 through MW-05). Groundwater samples were collected from each monitoring well and analyzed for TCL VOCs by USEPA method 8260C. A groundwater sample could not be collected from MW-03 located in the ROW west of 800 Broadway because the well was dry. The groundwater sample from MW-05 was also analyzed for TCL SVOCs by USEPA method 8270D due to an up gradient petroleum spill that was closed, but did not meet standards.

The analytical results identified Cis-1,2-dichloroethene (25.3 micrograms per liter [µg/l]), tetrachloroethene (PCE) (54.9 µg/l), trichloroethene (TCE) (36.8 µg/l) and vinyl chloride (2.2 µg/l) in the groundwater sample from monitoring well MW-05 at concentrations that exceeded the NYSDEC Class GA Standards of 5 µg/l for cis-1,2-Dichloroethene, PCE and TCE, and 2 µg/l for vinyl chloride. VOCs were not detected at concentrations exceeding NYSDEC Class GA Standards in groundwater samples from MW-01, MW-02, and MW-04 or in a groundwater sump sample collected from 810 Broadway (the vacant structure immediately adjacent to and north of 800 Broadway).

2.2.2.3 Air Sampling

Soil vapor, sub-slab vapor, indoor air, and ambient air samples were collected on and off-site at locations to evaluate potential exposures resulting from chlorinated VOCs in soil and groundwater in the vicinity of the site.

Soil Vapor Sampling

Five soil vapor points were installed at depths ranging from 5.5-feet below ground surface (bgs) to 9-feet bgs. Soil vapor points SV-1, and SV-3 through SV-5 were installed adjacent to the property at 800 Broadway. Soil vapor samples were collected over a one-hour collection period and analyzed for VOCs by USEPA Method TO-15.

The analytical results identified Carbon tetrachloride (0.66 µg/m3) and PCE (12 µg/m3) in the soil vapor sample from soil vapor point SV-01. Soil vapor points SV-03 through SV-05 contained 1,1,1-Trichloroethane at concentrations ranging from 0.21 µg/m3 (SV-04) to 2.1 µg/m3 (SV-05). Carbon tetrachloride was detected at SV-03 (0.16 µg/m3). Cis-1,2-dichloroethene was detected at SV-04 (1.5 µg/m3) and SV-05 (11 µg/m3). PCE was detected at each City ROW soil vapor location, ranging from 41 µg/m3 at SV-03 to 1,900 µg/m3 at SV-05. TCE was detected at SV-04 (48 µg/m3) and SV-05 (120 µg/m3). There are no regulatory criteria or guidelines for soil vapor.

Sub-Slab, Indoor and Ambient Vapor Sampling

Sub-slab soil vapor samples were collected from just below the basement slabs at the buildings at 810 Broadway and 800 Broadway. Two outdoor ambient air samples and three indoor air samples were collected to establish background values for local ambient air quality. Indoor air and ambient air samples were collected concurrently with the collection of soil vapor samples. The ambient air samples (AA-01 and AA-02) were collected on the eastern portion of the site, furthest from adjacent roads.

Two indoor air samples were collected on separate dates inside 800 Broadway (IA-02). Analytical results identified carbon tetrachloride (0.54 $\mu g/m^3$ and 0.36 $\mu g/m^3$, on April 22 and May 29, 2013, respectively), and PCE (0.64 $\mu g/m^3$ and 1 $\mu g/m^3$, on April 22 and May 29, respectively).

One sub-slab sample was collected at 800 Broadway on May 29, 2013. The sub-slab vapor sample (SV-01) contained PCE at a concentration of 5,100 $\mu g/m^3$. TCE was also detected (30 $\mu g/m^3$) in the sub-slab vapor sample collected from 800 Broadway on May 29. Carbon tetrachloride (0.46 µg/m3), cis-1,2 dichloroethene (0.65 µg/l) and PCE (0.26 µg/m3) were detected in ambient air sample AA-02 collected on May 29, 2013.

The NYSDOH has developed decision matrices for the following VOCs: carbon tetrachloride, 1,1-Dichloroethene (1,1-DCE), cis-1,2-dichloroethene, tetrachloroethene (PCE), 1,1,1-Trichloroethane, trichloroethene (TCE) and vinyl chloride. Of these compounds, 1,1-DCE, cis-1,2-dichloroethene, TCE and vinyl chloride are degradation products of PCE, which was historically used in dry cleaning processes. Using the sub-slab vapor sample (SV-01) results from 800 Broadway, which contained PCE at a concentration of 5,100 $\mu g/m^3$, and the corresponding indoor air concentration of PCE, which was 1 $\mu g/m^3$, the NYSDOH decision matrices classify the contaminant levels as "mitigation required".

2.2.2.4 Summary of Analytical Results

Compounds exceeding the NYSDEC Class GA Groundwater Standards including: cis-1,2-dichloroethene, tetrachloroethene (PCE), trichloroethene (TCE) and vinyl chloride, were identified in the groundwater sample collected from MW-05, adjacent to the southeast exterior corner of 800 Broadway. Sub-slab and interior air samples collected from 800 Broadway contained PCE at a concentration of 5,100 $\mu g/m^3$ and 1 $\mu g/m^3$, respectively. Under the NYSDOH guidelines, concentrations of this magnitude require mitigation. These compounds are historically associated with dry cleaning processes and/or degradation products of those compounds historically used in dry cleaning processes.

3.0 REMEDIAL INVESTIGATION ACTIVITIES

3.1 Introduction

The work described in this RIR was conducted in accordance with the NYSDEC approved RIWP. The study area investigations were completed to evaluate the surface and subsurface environmental conditions and to provide data with respect to the nature, degree and extent of contamination at the site, specifically AOC-1 and AOC-2, and immediately adjacent to the site. AOC-1 and AOC-2 are shown on Figure 4a and Figure 4b. A description of the field activities is described in the following sections.

3.2 Tracing and Video Evaluation of Waste Lines

The initial site inspection indicated the waste line exited the basement of the structure on the south side, along Partition Street, in close proximity to existing monitoring well MW-05, where cis-1,2-dichloroethene, PCE, TCE and vinyl chloride, were identified in the groundwater exceeding the groundwater standards. During the installation of MW-05 by others, a clay tile pipe appeared to have been encountered and MW-05 had to be relocated. This may have been the line connecting the structure to the municipal sewer.

All interior infrastructure within 800 Broadway had been previously removed with the exception of the main waste lines. The waste lines in the basement were of cast iron construction and appeared to collect waste from multiple locations, including adjacent to the large concrete structure, assumed the base for the dry cleaning equipment.

Rotor-Matic mobilized to the site on June 11, 2015 to attempt to video and located the waste lines within and outside the structure. A waterproof video camera with built in locating device was used to evaluate the waste lines.

3.3 Soil Gas Survey

3.3.1 Introduction

An interior soil gas survey was performed in the basement of the structure to screen for a potential source area within AOC-2. The soil gas survey was performed using standard industry practices by Specialized Environmental Monitoring. It should be noted that the soil gas survey is a qualitative field survey to be performed as a preliminary screening for the potential contaminant source location(s). The soil gas survey was performed prior to the installation of any interior soil borings.

Specialized Environmental Monitoring mobilized to the site on June 11, 2015. The soil gas survey was performed from June 11 through 12, 2015. Nineteen soil gas points were gridded by an HVV environmental geologist, based on the observed possible waste line breaches/separations and the location of the concrete pad. Fifteen (15) soil gas survey points, based on a 10-foot grid spacing were installed in the eastern portion of the basement and four (4) soil gas survey points, based on a 20-foot grid spacing were installed in the western portion of the basement. The location of the soil survey points was approved in the field by NYSDEC. The locations of the survey points are shown of Figure 6.

3.3.2 Methodology

3.3.2.1 Soil Gas Sampling

A hammer drill was used to drill through the concrete and hard soil, to a depth of 1.5-feet. An initial survey with a photoionization detector (PID) was then performed. Sampling locations were then prepared by using a "slam bar" to drive a 5/8-inch solid steel rod to a maximum depth of four feet. The solid rod was removed and a 1/2- inch diameter hollow aluminum tube was inserted into the hole to maintain the opening in the shallow-vadose zone. Care was taken to ensure that the tube was not plugged or inserted into any high moisture-laden material or groundwater. Following placement of the aluminum tube, bentonite was packed and hydrated into the annular space around the tube at the top of the probe hole to prevent potential infiltration of surface air during sampling.

Soil gas samples were then collected with a 125-millimeter gas-sampling bulb connected to the aluminum sampling tube with dedicated 1/2-inch polyethylene tubing using a portable vacuum pump. The vacuum pump withdraws soil gas up through the probe and glass bulb at a flow rate of 3 liters per minute until approximately 6 liters has been purged from each probe hole. Soil gas is then contained in the glass bulb by closing the appropriate valves.

All samples were analyzed within two hours of collection using a portable gas chromatograph (GC).

3.3.2.2 Analytical Methodology

A Photo Vac 1OS70 gas chromatograph (GC) equipped with a photoionization detector (PID) with an on-board computer, programmed to analyze samples for the target volatile organic compounds, was set up on-site. The instrument was calibrated to target chlorinated VOCs associated with dry cleaning and the associated break down products.

The Photo Vac GC analyzes gaseous samples and is capable of generating quantitative data specific to each compound. A strip-chart record of detector response versus time is obtained during each analysis and peaks on the strip-chart record the presence of VOCs in the sample.

Prior to the start of field activities and at regular intervals throughout the survey, the instrument was calibrated to recognize retention times and convert peak areas into concentrations for the target VOCs. Cis-1,2-dichloroethene, tetrachloroethene (PCE), trichloroethene (TCE), vinyl chloride and carbon tetrachloride were programmed into the GC library as target VOCs. In the event that sample results were above the linear range of the instrument calibration, a smaller aliquot is injected and the sample results are corrected for the "dilution factor".

3.3.2.3 Quality Assurance/Quality Control

Decontamination of the 5/8-inch steel rod was performed following the preparation of each sample location. The rod was rinsed with clean tap water, washed with Liquinox™ detergent and rinsed again with distilled water. Each aluminum tube was cleaned prior to mobilization and was dedicated to only one soil sampling location.

The polyethylene tubing, which connects the aluminum probe to the glass-sampling bulb is dedicated and therefore was discarded following each sample collection. In order to minimize potential carryover or cross contamination, repeated flushing with purified air through the glass sampling bulb and syringes was conducted between samples.

A "dry run" was performed after any sample that showed significant peaks and periodically throughout the day to monitor any residual column contamination. A dry run is performed by starting the GC like a normal injection but without the insertion of the syringe. Frequent calibrations of the instrument were performed throughout the day to make sure there was no carryover contamination on the 500 UL syringe used to inject the soil gas samples. A blank sample of ultra-zero grade air in the 125 ml glass sampling bulb was also run to show any potential cross contamination from the syringe or sampling bulb or both.

3.4 Sub-Surface Soil Boring Investigation

3.4.1 Exterior Soil Boring Installation

Three soil borings were installed outside the structure on July 20 to July 21, 2016, two on the City ROW and one on the eastern portion of the property as shown on the site survey included in Appendix A. Soil Boring SB-6 (MW-06) was installed in the ROW on the apparent down gradient side of the property, west of the building, adjacent to Broadway. This boring was installed to supplement information from previous monitoring well MW-03, which was historically dry during the prior investigation. Soil Boring SB-7 (MW-07) was installed east of the building, on the small portion of the property not occupied by the building. This was the prior location of a concrete slab, suspected to have been the location of the waste disposal dumpster and was considered AOC-1. Soil Boring SB-8 (MW-08) was installed on the ROW, approximately 16-feet west of and down gradient of monitoring well MW-05. Existing monitoring well MW-05 was the location where elevated chlorinated volatile organic compounds were previously identified. The exterior borings were installed prior to the installation of any interior soil borings, allowing for evaluation and

changes to the scope for the installation of interior soil borings, if determined relevant. The location of the soil borings are shown on Figure 7 and the site survey (Appendix A).

Each exterior boring was advanced using truck mounted hollow stem augers methods. All exterior borings were installed to a depth of 20-feet below grade. Continuous split spoon soil samples were collected throughout the entire depth of each boring. The 2-inch diameter split spoon samples were collected in accordance with ASTM D-1586 methodology. The soil samples were visually examined to assess subsurface conditions and physical properties of the strata. These properties include: color, moisture content, visual evidence of discoloration, staining and/or sheens. Additionally, all soil samples were field screened for evidence of volatile organic vapors by conventional headspace methods using a photoionization detector (PID) equipped with an 11.7 eV lamp. All soil samples were logged in the field by a qualified HVV geologist. Information regarding the presence of fill material, a description of each geologic unit encountered, soil classification, observations regarding moisture content, staining, odors and PID readings were recorded on the soil boring logs. Samples were collected from discrete zones representing each distinct soil type to fully characterize the vertical strata. Samples were initially placed in clear zip lock bags to allow for headspace analysis using the PID. The samples were then transferred to laboratory provided 4 and 8-oz. clear Teflon sealed glass sampling jars, labeled and preserved on ice in a cooler. The soil boring logs are included in Appendix C.

Consistent with DER-10, investigation derived wastes (excess spoils) were containerized in 55-gallon drums for future characterization and disposal. All non-disposable soil sampling equipment was decontaminated between samples using an Alconox wash followed by a clean water rinse. All drilling equipment was decontaminated between soil borings using a power washer/steam cleaner. Decontamination of drilling equipment was performed on a decontamination pad. All wash water was containerized in 55-gallon drums for later characterization and disposal.

Based on the results of the field screening and logging of the soil samples, HVV selected discrete soil samples from each 4-foot zone (0-4, 4-8, 8-12-foot, etc.), where there was a change in geology and/or at the groundwater interface, for laboratory analysis for VOCs to define the vertical extent of contamination. Based on the results of the field screening and logging of the soil samples, HVV selected one-foot soil samples from each 4-foot zone (0-4, 4-8, 8-12-foot, etc.), where there was a change in geology and/or at the groundwater interface, for laboratory analysis for SVOCs, Metals, PCBs and Pesticides, to define the vertical extent of contamination. Soil samples from two distinct geologic strata were not comingled into one sample. It should be noted that no evidence of subsurface contamination was observed during the installation of the three exterior soil borings. Consequently, standard sampling procedures were utilized in accordance with the RIWP.

3.4.2 Interior Soil Borings

Three soil borings were installed inside the basement of the structure on September 1 and 2, 2015. The three soil borings were installed to evaluate AOC-2. The use of and location of the three soil borings to evaluate the interior AOC-2 was approved by NYSDEC. The location of the soil borings is shown on Figure 7 and the site survey (Appendix A). Based on the shallow silt and clay formation identified during the installation of the exterior soil borings, the low ceiling height and difficult drilling situation, the NYSDEC approved limiting the installation to three soil borings.

Due to the limited access to the basement, the interior soil borings were installed using hand methods. A macrocore (Geoprobe®) sample was hand driven into the soil to allow for collection of the soil samples. The macrocore sampler was driven in 1.0-foot increments, where possible. Where refusal was encountered and after driving the macrocore sampler a maximum of 1.0-foot, the macrocore sampler was removed from the boring and the sample retrieved. The boring was then widened with a hand auger to the previous depth of the sampler allow for further progress of the boring. Boring SB-9 (MW-09) was installed in the center of the basement, in the apparent down gradient direction from the concrete structure, suspected of holding the dry cleaning equipment. Boring SB-10 (MW-10) was installed down gradient of the apparent breach in the waste line at the trap joint at the cleanout. Soil boring SB-11 (MW-11) was installed in the down gradient southwestern portion of the basement. It should be noted that refusal was encountered at 9 to 10.5-feet below the basement floor grade in all borings. However, based on the depth of the basement, soil was sampled to an equivalent depth of at least 15-feet below the exterior grade level.

The soil samples were visually examined to assess subsurface conditions and physical properties of the strata. These properties include: color, moisture content, visual evidence of discoloration, staining and/or sheens. Additionally, all soil samples were field screened for evidence of volatile organic vapors by conventional headspace methods using a photoionization detector (PID) equipped with an 11.7 eV lamp. All soil samples were logged in the field by a qualified HVV geologist. Information regarding the presence of fill material, a description of each geologic unit encountered, soil classification, observations regarding moisture content, staining, odors and PID readings were recorded on the soil boring logs. Samples were collected from discrete zones representing each distinct soil type to fully characterize the vertical strata. Samples were initially placed in clear zip lock bags to allow for headspace analysis using the PID. The samples were then transferred to laboratory provided 4 and 8-oz. clear Teflon sealed glass sampling jars, labeled and preserved on ice in a cooler. The soil boring logs, including those from the prior investigation, are included in Appendix C.

Consistent with DER-10, investigation derived wastes (excess spoils) were containerized in 55-gallon drums for future characterization and disposal. All non-disposable soil sampling equipment was decontaminated between samples using an Alconox wash followed by a clean water rinse. All wash water was containerized in 55-gallon drums for later characterization and disposal.

Based on the results of the field screening and logging of the soil samples, HVV selected discrete soil samples from each 4-foot zone (0-4, 4-8, 8-12-foot, etc.), where there was a change in geology and at the groundwater interface, for laboratory analysis for VOCs to define the vertical extent of contamination. Based on the results of the field screening and logging of the soil samples, HVV selected one-foot soil samples from each 4-foot zone (0-4, 4-8, 8-12-foot, etc.), where there was a change in geology and at the groundwater interface, for laboratory analysis for SVOCs, Metals, PCBs and Pesticides, to define the vertical extent of contamination. Soil samples from two distinct geologic strata were not comingled into one sample. It should be noted that no evidence of subsurface contamination was observed during the installation of the three soil borings, with the exception of soil boring MW-09. VOCs were recorded during headspace analysis in soil samples collected from a depth of 3.75 to 7.75-feet in soil boring MW-09. Two soil samples were collected

for analysis from soils exhibiting elevated VOC headspace detections. With the exception of the two soil samples collected from soil boring MW-09, standard sampling procedures were utilized in accordance with the RIWP.

3.4.3 Surficial Soil Samples

Surface soil samples were collected at the northeast corner of the property, adjacent to the basement door (future loading access) to evaluate for potential dermal exposure. There is a limited area of the site, which is not occupied by the building or paved surfaces. Two surface soil samples were collected from 0 to 2-inches for analysis for TCL SVOCs, TAL Metals, PCBs and Pesticides and from 0 to 6-inches for analysis for TCL VOCs. The soil samples were collected using pre-cleaned stainless steel sampling equipment. The samples were initially placed in Ziplock bags and screened with the PID for VOCs. No odors, staining or VOCs were detected or observed in the field. The soil samples were then immediately placed in laboratory provided 4 and 8-oz. clear Teflon sealed glass sampling jars, labeled and preserved on ice in a cooler. The samples were delivered to Phoenix Environmental Laboratories, Inc., a New York State ELAP certified laboratory, under formal chain of custody procedures. Sample reports included ASP Category B deliverables to allow for third party data usability review. All data was also submitted in EQuIS Electronic Data Deliverables (EDD) data package.

3.4.4 Soil Sample Laboratory Analysis

All soil samples collected for analysis were placed in pre-cleaned laboratory provided containers and delivered to Phoenix Environmental Laboratories, Inc., a NYS certified laboratory under chain of custody. Soil samples collected from each soil boring and the surficial soil samples, along with blind duplicate samples for every 10 samples collected, were submitted for analysis in accordance with Analytical Services Protocol (ASP). The soil samples were analyzed for TCL VOCs, TCL SVOCs, TAL Metals, PCBs and Pesticides. Sample reports include ASP Category B deliverables to allow for third party data usability review. All data was submitted in EQuIS Electronic Data Deliverables (EDD) data package.

3.5 Groundwater Investigation

3.5.1 Installation of Exterior Groundwater Monitoring Wells

Four groundwater monitoring wells were previously installed adjacent to the site on City of Rensselaer ROW property. One of the previously installed wells has historically been dry (MW-03) and one had insufficient recharge to collect samples for complete analysis (MW-04).

Three new exterior monitoring wells were installed within soil borings described previously at locations shown on Figure 7 and the site survey (Appendix A), to supplement the existing monitoring well network. The three monitoring wells were installed in accordance with ASTM D-5092 methodology. The three monitoring wells were installed on City of Rensselaer ROW adjacent to the site. Monitoring well MW-06 was installed in soil boring SB-06, to the north of existing monitoring well MW-03, which was dry during the prior investigation. Monitoring well MW-07 was installed where a concrete slab had previously been located at the east side of the structure. The concrete slab was the suspected location of the waste dumpster during prior dry cleaning operations at the site. Monitoring well MW-08 was installed down gradient and west of

existing monitoring well MW-05, which had significant groundwater contamination during the prior investigation. The wells were installed to a depth of 20-feet below grade, which was sufficient to intersect the groundwater table.

Each exterior monitoring well was constructed of two-inch flush-joint PVC riser pipe with 10 feet of slotted pipe (screen) set at a depth of 20-feet below grade. Coarse, clean sand was packed to approximately two feet above the top of the screen to improve the interconnection with the adjacent aquifer. A six-foot bentonite seal was installed above the sand pack from a depth of 2 to 8-feet below grade. A lockable cap was installed on the monitoring well. A flush mounted steel protective curb box was installed over the exposed riser pipe to prevent vandalism and unauthorized access. The monitoring well construction logs, including those from the prior investigation, are included in Appendix C.

3.5.2 Installation of Interior Groundwater Monitoring Wells

Three interior monitoring wells were installed within soil borings in the basement of the structure. The interior monitoring wells were installed within the smaller diameter hand installed borings. Interior monitoring wells were constructed of one-inch flush-joint PVC riser pipe with 4 to 5-feet of 0.010 slot screen set at an appropriate depth for the hydrologic conditions at the site. Monitoring wells MW-09 and MW-10 were set to a depth of 9-feet below the basement floor grade, with 4-feet of screen set from 5 to 9-feet. Monitoring well MW-11 was set to a depth of 10.5-feet below the basement grade, with 5-feet of screen set from 5.5 to 10.5-feet. Coarse, clean sand was packed to approximately two feet above the top of the screen to improve the interconnection with the adjacent aquifer. A bentonite seal was installed above the sand pack to the basement floor grade. The 1.0-inch PVC wells were allowed to protrude approximately 12-inch. Slip on caps were installed on each monitoring well.

3.5.3 Monitoring Well Development

Each monitoring well, including those previously installed at the site, were developed to remove sediment and increase interconnection with the adjacent aquifer. The monitoring wells were developed in general accordance with ASTM D-5521 and standard industry practices. Exterior monitoring wells MW-01, MW-03, MW-04, MW-05, MW-06, MW-07 and MW-08 were developed on August 8, 2015. Interior monitoring wells MW-09, MW-10 and MW-11 were developed on September 18, 2015. Static water level data was collected prior to initiating well development. Development of the wells was performed by bailing methods. Due to the known slow recharge previously observed, bailers were the preferred development method. The well development consisted of the removal of three well volumes of water, if feasible. Groundwater field parameters were monitored during well development, including: pH, specific conductivity, temperature, TDS, ORP, DO and turbidity. Well development field records are included in Appendix D.

Monitoring well MW-03 was dry after the second well volume was removed. Monitoring well MW-06 was dry at the time of well development. No water could be removed from monitoring well MW-06. Monitoring wells MW-09 and MW-10, each went dry after one well volume. A solvent type odor was evident in the water purged from monitoring wells MW-09 and MW-10.

Monitoring well MW-11 was dry at the time of the well development. All development water was placed in 55-gallon drums for future characterization and disposal.

3.5.4 Groundwater Sample Collection

After allowing the monitoring wells to stabilize for at least two weeks after installation, the monitoring wells were purged and groundwater samples collected. All monitoring wells installed during this investigation and the monitoring wells installed adjacent to the site during the previous investigation were attempted to be sampled. The monitoring well purging and groundwater sample collection was performed on October 29 to 30, 2015. Prior to sample collection each well was purged of three well volumes, where feasible. Three well volumes were purged from all monitoring wells. Even monitoring wells MW-03, MW-06, MW-09 and MW-10, which did not have sufficient water during the prior well development activities, were purged of three well volumes prior to groundwater sample collection. Monitoring well MW-11 was dry on October 29-30, 2015. All purged water was placed in 55-gallon drums for future characterization and disposal. The pre-sampling well purging records are included in Appendix E.

Groundwater field parameters were monitored during well purging, including: color, pH, specific conductivity, temperature, TDS, ORP, DO, turbidity, odors, sheen, etc. No odors were observed at monitoring wells MW-09 and MW-10, which had exhibited a solvent type odor during the well development activities.

After allowing sufficient time for the monitoring wells to recover, groundwater samples were collected from monitoring wells MW-01, MW-03, MW-04, MW-05, MW-06, MW-07, MW-08, MW-09 and MW-10 and a blind duplicate. There was insufficient groundwater within monitoring well MW-11 to allow for sample collection. All samples were collected with pre-cleaned dedicated Teflon bailers with VOC type adapters. Due to the turbidity exceeding 50 NTU in the purged groundwater, non-filtered and field filtered samples for TAL Metals analysis were both collected during the sampling round. Due to the known slow recharge previously observed, TCL VOC samples were collected first at each well.

Monitoring wells MW-01, MW-07 and MW-08 and a blind duplicate were sampled for the full suite of parameters, including: TCL VOCs, TCL SVOC, TAL metals, PCBs and Pesticides. With NYSDEC approval, monitoring well MW-05 was only sampled for TCL VOCs, since prior sampling by others had been performed to include the entire suite of parameters. Monitoring well MW-04 had sufficient water for collection of samples for TCL VOC, TCL SVOC and dissolved TAL Metals (Filtered) sample collection, but had insufficient recharge for the collection of samples for Total TAL Metals, PCBs and Pesticides. Monitoring wells MW-03, MW-06, MW-09 and MW-10 were very slow to recharge. With NYSDEC approval, the low recharge wells (MW-03, MW-06, MW-09 and MW-10) were sampled for TCL VOCs only. Groundwater samples were placed in laboratory provided sampling vials and/or containers. Note a blind duplicate sample designated as MW-12, was also collected for laboratory analysis from monitoring well MW-08.

3.5.5 Groundwater Sample Analysis

All groundwater samples collected for analysis were placed in pre-cleaned laboratory provided vials and/or containers and delivered to Phoenix Environmental Laboratories, Inc., a NYS certified

laboratory, under formal chain of custody. The groundwater samples were collected using standard industry practices. The groundwater samples, along with the blind duplicate sample were submitted for analysis in accordance with Analytical Services Protocol (ASP). Groundwater samples from monitoring wells MW-01, MW-03, MW-04, MW-05, MW-06, MW-07, MW-08, MW-09, MW-10 and a blind duplicate were analyzed for TCL VOCs. Groundwater samples from monitoring wells MW-01, MW-04, MW-07, MW-08 and the blind duplicate were analyzed for TCL SVOCs. Samples from monitoring wells MW-01, MW-04, MW-07 and MW-08 and the blind duplicate were analyzed for total and dissolved TAL Metals, with the exception that the sample from MW-04 was only collected and analyzed for dissolved TAL metals due to insufficient recharge. Groundwater samples collected from monitoring wells MW-01, MW-07, MW-08 and the blind duplicate were analyzed for PCBs and Pesticides.

The groundwater sample collected from existing monitoring well MW-05 was also analyzed for pH, ORP, DO, Nitrate, Total Manganese, Dissolved Manganese, Total Iron, Dissolved Iron, Sulfate, BOD, and COD, to determine the feasibility of utilizing Hydrogen Releasing Compound (HRC®) in an apparent source area, if that remedial option was appropriate.

Sample reports included ASP Category B deliverables to allow for third party data usability review. All data was also submitted in EQuIS Electronic Data Deliverables (EDD) data package. The analytical results were subsequently compared to the NYSDEC Class GA Groundwater Standards.

3.6 Hydraulic Conductivity Testing

Falling head (slug) tests and rising head (bail) tests were performed on February 22, 2016 on monitoring wells MW-05 and MW-08 to determine an estimate of the hydraulic conductivity. The tests were performed based on standard industry methods. Based on the data from the soil borings, the subsurface is mostly silt and/or clay, which likely has a relatively low hydraulic conductivity. The tests were performed using an InSitu Mini Troll pressure transducer, set in the well at an appropriate depth and connected to a computer monitoring system. A solid slug of known volume was rapidly introduced to the well displacing the water upward in the well casing, to initiate each "falling head" test. Water levels were recorded as the water level within the well returned to static conditions. The solid slug of known volume was then rapidly removed from the well "rising head" test. Water levels were recorded as the water level within the well returned to static conditions. At least two tests of each type were performed. Hydraulic conductivity of the formation was determined using the Aqtesolv® suite of computer programs. It should be noted that monitoring well MW-08 appeared to be plugged at the time of testing as little water level recovery to static conditions was observed.

3.7 Site Survey

Upon completion of the drilling program, each borehole and completed well was surveyed to establish horizontal locations and elevations. Monitoring wells were surveyed and tied to the prior survey to determine the measuring point elevation, which was used to determine groundwater flow direction and gradient.

3.8 Vapor Intrusion Sampling at Adjacent Property

A vapor intrusion investigation was performed at the adjacent residential structure, located directly east of and adjacent to the site. The property at 1 Partition Street is a three story residential structure with a full basement. The basement contained a main room, used for utilities, and storage and a separate storage room. Sub-slab samples were collected from two spaces within the basement level. HVV met with representatives of NYSDOH at the site to review and confirm the sampling locations.

Permanent sub-slab vapor probe implants were installed in appropriate areas of the basement on January 12, 2016. One was installed in the floor along the west central side of the main basement area (SS-1). A second implant was installed in the storage room at the northeastern corner of the basement (SS-2). The implants were installed by first drilling a 0.75-inch penetration through the concrete slab floor. A PID was utilized immediately after completing the penetration to determine the VOC levels immediately beneath the slab. PID levels of 769 ppm and 59.9 ppm were recorded at SS-1 and SS-2, respectively. A 3/8 inch polyethylene tube, approximately 4 to 5 inches in length, was connected to a stainless steel SwageLok® implant and inserted into the opening in the floor. The annular space around the tubing was filled with a Morie # 2 graded well sand. The stainless implant was then sealed in place with a cement bentonite grout.

The implants were purged and integrity of the implants was evaluated on February 1, 2016, prior to initiating sample collection. Approximately one to three air volumes were purged using a vacuum pump. A PID was used to screen the sub-slab air subsequent to purging. PID levels of 48 ppm and 1245 ppm were recorded after purging at implants SS-1 and SS-2, respectively. After purging, the integrity of each implant was tested to confirm that no surface air was leaking into the sub-slab area. A stainless steel container was placed over and temporarily sealed to the concrete surface with clay. The implant was connected to a helium gas monitor. Helium gas was used as a tracer to determine if the implants had any leaks. The helium gas was introduced to the container surrounding the implant. The air from the implant was monitored for 5 minutes to test the integrity of each implant. No leaks were detected during the testing.

The sub-slab vapor intrusion sampling was performed from February 1 to 2, 2016. The two sub-slab vapor samples were collected in accordance with the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006. All samples were collected using certified clean Summa® canisters equipped with a 24-hour regulator supplied by Centek Laboratories, LLC. The samples were collected simultaneously over a 24-hour period. Concurrent with the collection of the two sub-slab soil vapor samples, two indoor air samples were also collected adjacent to each of the vapor point sampling locations, along with a single background outdoor sample. The outdoor sample was collected in the covered exterior entrance to the basement. Each indoor and the outdoor sample were also collected using certified clean Summa® canisters equipped with a 24 hour regulator in accordance with the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006. A survey of products within the basement with the potential to contain VOCs within the basement was also performed at this time.

The samples were analyzed by EPA Method TO-15 SIMS for VOCs associated with dry cleaning

solvents, by Centek Laboratories, LLC, a New York State ELAP certified analytical laboratory. All EPA Method TO-15 SIMS analytical data was validated by Data Validation Services, Inc., an independent third party data validator.

3.9 Evaluation of Interior Building Materials

Interior building materials in the assumed area of the former dry cleaning equipment consist primarily of a plywood sub-floor. The interior building materials may have been contaminated by the dry cleaning operations. The plywood sub-floor will be removed and replaced during redevelopment. Samples of the wood subfloor were collected for waste characterization. While not considered part of the Brownfield project, waste characterization was performed to determine if the wood material would be considered hazardous waste and require appropriate disposal.

3.10 Design Sub-slab Depressurization System (SSDS)

A desktop design of a sub-slab depressurization system was performed by Aztech Environmental, to be used as a possible remedial option. The design was made after performing a site visit and meeting with the proposed building contractor, to determine possible construction methods. It is understood that performance based testing of the SSDS along with interior air monitoring after 30 days of operation will be necessary if this option is utilized in the final remedial action work plan.

3.11 Data Usability Summary Report

All analytical results for the ground water, soil and sub-slab vapor investigation included ASP Category B deliverables to allow for third party data usability review. All data packages were submitted to Data Validation Services, Inc. Data Validation services provided a Data Usability Summary Report.

3.12 Investigation Derived Waste Management

All soils, water and contaminated equipment generated during the investigation were placed in 55-gallon drums and stored in a protected area on the property until characterized. All soil and water generated during the investigation is considered hazardous waste until proven otherwise and approved by NYSDEC. The NYSDEC reviewed the analytical data and for a "contained-in" determination. The NYSDEC determined the drummed soil cuttings and purged water did not need to be handled as hazardous waste. The waste was characterized and transported for appropriate disposal by MC Environmental Services, Inc. Waste manifests and Contained-In Determination information is included in Appendix F.

4.0 PHYSICAL SETTING

4.1 Introduction

The site is approximately 3,548 square feet in size and is almost entirely occupied by the existing structure. The site slopes generally to the west toward the Hudson River. The Hudson River is the nearest surface water body, located approximately 1,200-feet to the west. There is also a small un-named stream, located approximately 1,200-feet east of the site. The site is at an approximate elevation of 40 to 50 feet above mean sea level (amsl).

This section describes the regional geologic setting and presents the results of the field activities

and observations of the physical environment of the investigation area.

4.2 Regional Geology

Surficial geology of the site area is mapped as lacustrine silt and clay (Cadwell et al, 1986). This deposit is made up of laminated silt and clay deposited in proglacial lakes. The silt and clay deposits may be as much as 100 meters thick. Area immediately to the west and down gradient are mapped as recent alluvium (Cadwell et al., 1986). These deposits generally are confined to floodplains within a valley, consisting of oxidized, non-calcareous, fine sand to gravel and may be overlain by silt. Based on the United States Department of Agriculture (USDA) Soil Conservation Service and the National Cooperative Soil Service (NCSS) soil survey for Rensselaer County, New York, the soils within the general vicinity of the site consist of moderately well drained silt loam.

Based upon regional mapping, the site is underlain by Ordovician Canajoharie Shale (Fisher et al., 1970). The depth to bedrock is not known in the area of the site, but is known to be greater than 20-feet, based on the soil borings installed at and adjacent to the site.

4.3 Site Specific Geology

The subsurface soils encountered in the soil borings at the site were similar. Generally, fill was encountered at the surface ranging to a depth from 2 to 9-feet. In most borings clay and/or silty clay was encountered beneath the fill, grading to clay at depth. The silty clay and clay was varved or laminated in part, with small seams of fine sand or silt interbedded with the clay. Slight variations were observed at various soil borings.

The soil boring logs from both this investigation and the prior investigation are included in Appendix C. Soil boring MW-02, from the prior investigation, is located on a different property and was not included in this investigation.

Soil boring MW-01, located at the northeastern corner of the site encountered fill to 5.0-feet below grade. The fill consisted of brown silty sand, with brick, gravel and ash. The fill was underlain by brown clay, with a silt seam at 10.5 to 11.0-feet.

Soil Boring MW-03, located in the City ROW, west of the site, encountered a gravel fill from grade to 4.5-feet. Silty clay was encountered from 4.5 to 19.0-feet.

Soil Boring MW-04, located on the south side of the structure, in the City ROW, encountered fill from grade to 9.0-feet. The fill consisted of sand with coarse gravel and cobbles to a depth of 5.0-feet, followed by black gravelly sand with some black organic material from 5.0 to 9.0-feet. Silty clay was encountered from 9.0 to 20.0-feet. A gravel layer was observed at 17.7-feet and a sand layer at 19.0-feet.

Soil Boring MW-05, located in the City ROW on the south side of the structure, encountered fill consisting of silty sand, with gravel from grade to approximately 7.0-feet. A fine to medium sand was encountered below the fill from 7.0 to 9.0-feet. Brown clay and/or silty clay was encountered from 9.0 to 19.0-feet. A gravel layer was encountered from 10.0 to 11.2-feet.

Soil Boring MW-06, located in the City ROW, near the northwestern corner of the site, encountered a sand and gravel fill from grade to 5.0-feet. Silty clay was encountered from 5.0 to 20.0-feet. Occasional interbedded sand layers were observed throughout the silty clay zone.

Soil Boring MW-07, located at the former concrete slab on the southeastern corner of the site encountered mixed fill to a depth of 8.5-feet. The fill consisted of brick fragments from grade to a depth of 2.0-feet. Medium to coarse sand, with gravel, brick, glass and ashes were observed from 2.0 to 3.0-feet. Silty clay was observed from 3.0 to 5.0-feet. The silty clay was underlain by black cinders interbedded with silty clay from 5.0 to 8.5-feet. Silty clay was encountered below 8.5-feet to a depth of 20.0-feet. Layers of fine sand were encountered at 9.0, 10.5 and 12.0-feet.

Soil Boring MW-08 is, located in the City ROW on the south side of the structure, down gradient from monitoring well MW-05. Soil boring MW-08 encountered fill, consisting of fine sand with occasional clay layers and trace of gravel, to a depth of 11.0-feet. Brown silty clay was encountered from 11.0 to 20.0-feet, with occasional layers of fine sand.

Soil Boring MW-09, installed within the basement of the structure, encountered brown fine sand with concrete fragments to 1.0-foot where a 0.25-foot thick layer of concrete was encountered. Silt and clay were encountered below the concrete from 1.75-feet to 9.0-feet.

Soil Boring MW-10, installed within the basement of the structure, encountered brown fine sand with concrete fragments to 1.0-foot, where silt and clay were encountered to 9.0-feet.

Soil Boring MW-11, installed within the basement of the structure, encountered brown fine sand with brick fragments to 2.0-feet, where silt and clay were encountered to 9.5-feet.

4.4 Site Specific Hydrogeology

Groundwater was encountered in the subsurface during the installation of the soil borings. The groundwater appeared to be limited to the sand layers within the silty clay formation. No significant groundwater zones were encountered. Groundwater appeared to seep into the soil borings and completed monitoring wells at a relatively slow rate, which was also observed during well development and purging prior to sample collection. Groundwater sampling data identified very slow recharge to the monitoring wells, indicating the silt and clay subsurface soils have relatively low permeability.

Water level measurements collected from the monitoring wells on October 29, 2015, indicate the groundwater table is generally flowing toward the west across the site at a gradient of 0.09-feet per foot (ft/ft). The depth to water in the monitoring wells ranged from 5.68-feet below grade (elevation 39.02 feet above mean sea level) at Monitoring Well MW-01, located in the northeastern corner of the site, to 18.05-feet below grade (elevation 28.90-feet above mean sea level) at monitoring well MW-04, located near the southwestern corner of the site. The water level data collected at various times is shown on Table 1. The groundwater table based on data collected on October 29, 2015 is shown on Figures 8A and 8B. It should be noted that Monitoring Well MW-03 had anomalously high water level readings during two measuring events. This well historically has been purged or sampled dry during prior sampling events, indication extremely low hydraulic conductivity. It appears that due to the extremely low hydraulic conductivity, that natural changes in groundwater level are very slow. Consequently, the water levels measured at Monitoring Well MW-03 appear to be inaccurate. Figure 8A shows the contours including DATA FROM anomalous Monitoring Well Mw-03. Figure 8B shows the contours without the anomalous

Monitoring Well MW-03 reading. Both indicate the groundwater table is generally at an east to west gradient across the site.

The groundwater was observed to have no sheen and no free product during any of the well development, purging and sampling events. A slight solvent type odor was detected in the water purged from monitoring wells MW-09 and MW-10, located in the basement of the structure, during the original well development. No odors were detected in any of the other wells. No odors were detected at monitoring wells MW-09 and MW-10 during subsequent purging and sample collection.

4.5 Subsurface Features

The site is connected to municipal sewer and water. The present cast iron sewer line exits the southeast side of the structure. The TV inspection of the waste lines indicates the cast iron line connects to a clay tile pipe prior to entering the sewer line. The original investigation by Arcadis encountered what was thought to be a clay tile pipe at a depth of 11-feet during the installation of monitoring well MW-05. However, the video survey indicates the existing sewer line and clay tile pipe are located approximately 5-feet below the sidewalk grade. No other subsurface features are known on or adjacent to the 800 Broadway property.

4.6 Sensitive Receptors

The site is located in an urban environment. No ecological sensitive receptors, such as wetlands, surface water bodies, etc. have been identified adjacent to or in close proximity to the site.

A Part 1: Fish and Wildlife Resource Impact Analysis (FWRIA) was performed by biologists from Environmental Design Partnership, LLP (EDP) and reviewed by Mr. Kirby Van Vleet, of HVV, a Qualified Environmental Professional as defined in 6 NYCRR Part 375. Minimal evidence of wildlife usage of the site was identified within the main floor of the building and no evidence of digging or burrowing was identified within the basement or outside perimeter of the structure. The primary evidence of wildlife usage was limited to nesting within the walls and feeding on nuts brought from outside. The usage identified appeared to be limited to rodents such as squirrels and mice. It was the professional opinion of the biologists that a full FWRIA (Part 2: Ecological Impact Assessment) is not warranted for this site. No potential impacts to fish and/or wildlife were identified in the analysis. The Fish and Wildlife Resources Impact Analysis (FWRIA) Part 1 is included in Appendix M.

The area is serviced by municipal water. There are no known drinking water wells in the area. There are residential properties in the area, but none are located immediately down gradient of the property. The nearest residential property is a multifamily residence located at 1 Partition Street, adjacent to and directly up gradient from the site. The immediate down gradient area contains Broadway, followed by a railroad yard.

5.0 NATURE AND EXTENT OF CONTAMINATION

5.1 Introduction

The detailed discussion of the results of the tracing and video evaluation of waste lines, the basement soil gas survey, sub-surface and surface soil sampling, groundwater sampling and SVI

survey (at adjacent 1 Partition Street) follow. The results appear to sufficiently define the nature and extent of contamination associated with the 800 Broadway site.

5.2 Tracing and Video Evaluation of Waste Lines

The initial site inspection indicated the waste line exited the basement of the structure on the south side, along Partition Street, in close proximity to existing monitoring well MW-05, where cis-1,2-dichloroethene, PCE, TCE and vinyl chloride, were identified in the groundwater.

All interior infrastructure within 800 Broadway had been previously removed with the exception of the main waste lines. The waste lines in the basement were of cast iron construction and appeared to collect waste from multiple locations, including adjacent to the large concrete structure, assumed the base for the dry cleaning equipment.

Rotor-Matic mobilized to the site on June 11, 2015 to attempt to video and located the waste lines within and outside the structure. A waterproof video camera with built in locating device was used to evaluate the waste lines.

The waste line exiting the property was initially accessed at a sump with a clean-out fitting located adjacent to the south wall of the basement. The video inspection of the waste line between the sump and the street indicated the line was clear and connected to the municipal sanitary sewer on the south side of the structure. A possible breach/separation was identified where the cast iron line connected to a clay tile line. The camera was placed at the apparent breach and a detector was used on the sidewalk outside the structure to determine the location of the signal. The breach/separation appeared to be beneath the sidewalk, approximately 8 –feet from the south wall of the building, in the area proximal to and just down gradient of existing monitoring well MW-05.

The interior waste line was then accessed from a fitting adjacent to the concrete equipment base. A possible crack from crushing was observed at the top of the cast iron line. The locating device was used to determine the crack was adjacent to the concrete structure/pad assumed to have been used to support the former dry cleaning equipment. The survey continued and found a possible separation where the cast iron line connects to the trap joint at the cleanout just upstream from the sump adjacent to the south side of the building. A DVD was recorded of the video survey.

The areas of apparent separation in the cast iron waste lines are shown on the attached Figure 5.

5.3 Soil Gas Survey

The soil gas survey involved the installation and testing of 19 vapor points within the basement of the structure (AOC-2). The results of the survey identified both PCE and TCE above non-detectable levels in the basement subsurface soil vapor. The survey results identified PCE at each of the 19 vapor points at levels ranging from 1.3 to 9,800 ppb. The results are shown on Table 2. The raw soil gas survey data is included in Appendix G. PCE was identified at seven vapor points within three general areas at levels greater than 500 ppb. Two of those points exhibited PCE over 5,000 ppb. TCE was detected in only three points, but those points also exhibited PCE at levels ranging from 1,400 to 9,800 ppb. Vapor points with elevated PID readings, collected by HVV at a depth of 1.5-feet, correlated fairly well with the points exhibiting elevated PCE. The location of the vapor points and areas exhibiting elevated PCE levels are shown on Figure 6.

Vapor points A-1 and A-2, located near but up gradient from the concrete pad and apparent breach in the waste line, exhibited PCE at concentrations of 508 and 3,600 ppb, respectively. Vapor points A-1 and A-2 also exhibited PID levels of 14.7 and 28.3 ppb, respectively. Vapor point A-4, located near the apparent breach in the waste line at the trap joint, exhibited elevated PCE levels of 533 ppb and associated PID levels of 22.7 ppb. Vapor point B-2, located adjacent to the concrete slab and down gradient of the apparent waste line breach adjacent to the slab, exhibited PCE concentrations of only 1.3 ppb. Vapor points B-3 and B-4, located down gradient from the waste line, exhibited PCE levels of 492 and 372 respectively. All vapor points in row C (C-1, C-2, C-3 and C-4) exhibited PCE levels of over 1,000 ppb, with vapor points C-1 and C-2 exhibiting levels of 6,100 and 9,800 ppb, respectively. Vapor points C-1, C-2 and C-4 also exhibited TCE at 36, 135 and 43 ppb, respectively. PCE levels appear to drop toward the west and down gradient. PCE levels in row D ranged from 46 to 265 ppb, in row E ranged from 74 to 103 ppb and in row F ranged from 16 to 24 ppb. PCE concentrations in the soil gas are shown on Figure 6. Contours representing 500 ppb and 5000 ppb are also shown on Figure 6.

The soil gas survey results indicate the eastern half of the basement appears to be the most significantly impacted by PCE as shown by the data collected from vapor points in rows A, B and C. The highest PCE levels recorded during the survey were at vapor points C-1 and C-2 (6,100 and 9,800 ppb, respectively), which are located apparently down gradient from the concrete slab. TCE was only identified in three vapor points, all located in row C. PCE levels drop off significantly in the results collected from down gradient vapor point rows D, E and F. Vapor point A-2, located just inside the entrance to the main basement also exhibited significantly higher PCE levels (3,600 ppb).

5.4 Subsurface Soil Boring Investigation Results

5.4.1 Introduction

The results of the soil boring investigation indicates the area was subject to filling at some prior time period. Fill consisting of non-indigenous material placed at the site contained primarily sand and/or gravel with varying trace amounts of brick, ash, glass, concrete fragments and cinders. Soil Boring logs indicate the fill ranged from the surface to a depth of approximately 4.5 to 9 feet in the exterior soil borings and 1.0 to 3.0 feet in the interior borings. The soil beneath the fill generally consisted of brown clay and or silt and clay, with occasional interbedded sand layers. The only significant difference in subsurface geology was a sand layer from 7.0 to 9.0-feet and a gravel layer from 10.0 to 11.2 feet at soil boring MW-05, installed during the prior investigation.

No significant aquifers were encountered. Groundwater was observed within the sand layers in the silty clay below the fill in some but not all soil borings during the soil boring and soil sample collection.

Head space VOCs were monitored in the field during all soil boring and sampling operations. VOCs were only detected in the field at exterior soil boring MW-05 during the prior investigation and at interior soil boring MW-09, installed during this investigation. VOC levels were recorded at 40 ppm in the sand layer from 7.0 to 9.0 feet at soil boring MW-05. VOCs were also detected in the field on the PID at interior soil boring MW-09. VOC levels were recorded at soil boring MW-09, ranging from 31 to 415 ppm within the soil samples collected from 3.75 to 7.5-feet in

depth.

Based on the results of the field screening and logging of the soil samples, HVV selected discrete soil samples from each 4-foot zone (0-4, 4-8, 8-12-foot, etc.), where there was a change in geology and/or at the groundwater interface, for laboratory analysis for VOCs to define the vertical extent of contamination. Based on the results of the field screening and logging of the soil samples, HVV selected one-foot soil samples from each 4-foot zone (0-4, 4-8, 8-12-foot, etc.), where there was a change in geology and/or at the groundwater interface, for laboratory analysis for SVOCs, Metals, PCBs and Pesticides, to define the vertical extent of contamination. Soil samples from two distinct geologic strata were not comingled into one sample. It should be noted that no evidence of subsurface contamination was observed during the installation of the three soil borings, with the exception of soil boring MW-09. VOCs were recorded during headspace analysis in soil samples collected from a depth of 3.75 to 7.75-feet in soil boring MW-09. Two soil samples were collected for analysis from soils exhibiting elevated VOC headspace detections. With the exception of the two soil samples collected from soil boring MW-09, standard sampling procedures were utilized in accordance with the RIWP.

5.4.2 Subsurface Soil Boring Sample Results

Thirty-two subsurface soil samples (including three blind duplicates) were submitted for analysis from the six soil borings installed during this investigation. It should be noted that shallow refusal during the installation of the basement borings limited the number of soil samples submitted for analysis from borings MW-09, 10 and 11. The soil sample analytical laboratory report is included in Appendix H.

5.4.2.1 Metals

A number of random metals were identified above the 6 NYCRR Part 375-6.8(a) unrestricted soil cleanup objective in approximately two thirds of the soil samples. Arsenic was identified in one sample, Chromium in four, Copper in three, Lead in 13, Manganese in one, Mercury in 10, Nickel in 11, and Zinc in three. All except two metals (Manganese and Mercury) in three samples were below the 6 NYCRR Part 375-6.8(b) Residential soil cleanup objective (SCO). The analytical results of the metals analysis in summarized on Table 3.

Manganese

Manganese was identified in sample S-7 from a depth of 13-14-feet in exterior boring MW-06 at 2,260 mg/l, which exceeded the 6 NYCRR Part 375-6.8(a) Unrestricted Use SCO of 1600 mg/l and the 6 NYCRR Part 375-6.8(b) Residential Use SCO of 2000 mg/l. The Manganese concentration does not exceed the Commercial or Industrial SCO. Soil boring MW-06 is located in the City ROW, west of and down gradient from the property.

Mercury

Mercury was identified in two soil samples exceeding both the 6 NYCRR Part 375-6.8(a) Unrestricted Use SCO of 0.18 mg/l and the 6 NYCRR Part 375-6.8(b) Residential Use SCO of 0.81 mg/l. Mercury was detected at a concentration of 3.06 mg/l in sample S-8 at a depth of 7.75 – 8.6-feet in boring MW-09 and at a concentration of 1.72 mg/l in sample S-4 at a depth of 3-4-feet in boring MW-11, both within the basement of the structure. The Mercury concentration of

3.06 mg/l identified in sample S-8 at soil boring MW-09 also exceeds the 6 NYCRR Part 375-6.8(b) Commercial SCO, but is below the 6 NYCRR Part 375-6.8(b) Industrial SCO. The Mercury concentration of 1.72 mg/l in sample S-4 at a depth of 3-4-feet in boring MW-11 falls below the 6 NYCRR Part 375-6.8(b) Commercial SCO. Soil borings MW-09 and MW-11 are located within the basement of the structure, down gradient of the concrete pad and waste lines.

5.4.2.2 Volatile Organic Compounds

A number of VOC parameters were identified at low levels that were "estimated" above the MDL but below the Practical Quantitation Level (PQL) and/or Reporting Level (RL) and a few that were suspected laboratory solvent contamination. All are identified with a J (estimated) or S (solvent) on the analytical reports and Tables 4A and 4B.

Benzene was estimated at concentrations slightly exceeding the 6 NYCRR Part 375-6.8(a) unrestricted SCOs in one sample from soil boring MW-06 and one sample from soil boring MW-08, but was well below the 6 NYCRR Part 375-6.8(b) Residential Use SCO.

Three chlorinated VOCs; cis-1,2-Dichloroethene (DCE), Tetrachloroethene (PCE) and Trichloroethene (TCE) were the only VOC compounds definitively identified above the MDL in soil samples from borings MW-06 through MW-11. DCE, PCE and TCE, were detected at levels above the 6 NYCRR Part 375-6.8(a) unrestricted SCOs in a limited number of samples collected only from soil borings MW-08, MW-09 and MW-10. The results are summarized on Tables 4A and 4B. The maximum PCE, DCE and TCE concentrations within soil samples at each soil boring are shown on Figure 9.

Soil Boring MW-06

Soil boring MW-06 is located on the west and down gradient side of the site, in the City ROW adjacent to Broadway. Benzene was the only VOC identified exceeding the 6 NYCRR Part 375-6.8(a) Unrestricted Use SCO of 0.06 ppm. However, the benzene concentration of 0.08 ppm was classified as "estimated" (above MDL but below the Practical Quantitation Level (PQL) and falls below the 6 NYCRR Part 375-6.8(b) Residential Use SCO.

Soil Boring MW-07

No VOCs were identified is samples collected from soil boring MW-07 that exceeded the 6 NYCRR Part 375-6.8(a) Unrestricted Use SCOs.

Soil Boring MW-08

Soil boring MW-08 is located on the south side of the City ROW, down gradient from previously installed monitoring well MW-05 and the apparent breach in the sewer line.

Benzene was identified exceeding the 6 NYCRR Part 375-6.8(a) unrestricted SCO of 0.06 ppm. However, the benzene concentration of 0.078 ppm was classified as "estimated" (above MDL but below the Practical Quantitation Level (PQL) and falls below the 6 NYCRR Part 375-6.8(b) Residential Use SCO.

PCE was detected in samples S-2 (3.0-feet) and S-4 (8.0-feet) at 0.7 ppm and 1.4 ppm, respectively, at soil boring MW-08, at levels, which exceed the MDL and RL. The concentration of PCE in

sample S-2 (0.7 ppm) does not exceed the 6 NYCRR Part 375-6.8(a) unrestricted SCO. The concentration of PCE in sample S-4 (1.4 ppm) exceeds the 6 NYCRR Part 375-6.8(a) unrestricted SCO but does not exceed the 6 NYCRR Part 375-6.8(b) Residential SCO of 5.5 ppm.

DCE and TCE were also identified in samples collected from soil boring MW-08 at levels above the MDL, but all detections were below the 6 NYCRR Part 375-6.8(a) unrestricted SCO.

Soil Boring MW-09

Soil boring MW-09 is located within the basement of the structure, in the area exhibiting elevated chlorinated VOCs during the soil gas survey (Vapor Point Row C).

PCE was detected in samples S-3 (3.5-feet), S-4 (4.0-feet) and S-6 (6.5-feet) at 1.0, 2.6 and 0.320 ppm, respectively. Only sample S-4 (4.0-feet) exhibited PCE exceeding the 6 NYCRR Part 375-6.8(a) unrestricted SCO. The level of PCE in sample S-4 did not exceed the 6 NYCRR Part 375-6.8(b) Residential SCO of 5.5 ppm.

DCE was detected in sample S-8 (8.0-feet) at 0.330 ppm, which exceeds the 6 NYCRR Part 375-6.8(a) unrestricted SCO but falls below the 6 NYCRR Part 375-6.8(b) Residential Use SCO.

No TCE was definitively detected exceeding the MDL.

Soil Boring MW-10

Soil boring MW-10 is located within the basement of the structure, in an area exhibiting elevated chlorinated VOCs during the soil gas survey and down gradient of the apparent sewer line breach at the trap joint.

PCE was detected in samples S-3 (3.5-feet), S-5 (5.5-feet), S-6 (6.5-feet) and S-10 (9.5-feet) at 1.7, 1.5, 6.3 and 4.4 ppm, respectively. All the PCE detections exceeded the 6 NYCRR Part 375-6.8(a) unrestricted SCOs. Only the detection of 6.3 ppm from sample S-6 (6.5-feet) exceeded the 6 NYCRR Part 375-6.8(b) Residential SCO of 5.5 ppm, but was within the 6 NYCRR Part 375-6.8(b) Restricted Residential SCO of 19 ppm.

5.4.2.3 Polychlorinated biphenyls and Pesticides

No Polychlorinated biphenyls (PCBs) and Pesticides were detected in any of the subsurface soil samples collected from the soil borings exceeding the 6 NYCRR Part 375-6.8(a) unrestricted SCOs, with the exception of soil sample S-4 (6.5-7.5') at soil boring MW-07, which exhibited 4,4'-DDT exceeding the 6 NYCRR Part 375-6.8(a) unrestricted SCOs. The 4,4'-DDT detected in sample S-4 (6.5-7.5') at soil boring MW-07 at a concentration of 0.0055 ppm, exceeds the 6 NYCRR Part 375-6.8(a) unrestricted SCO of 0.0033 ppm, but does not exceed the 6 NYCRR Part 375-6.8(b) Residential Use SCO.

Low levels of pesticides, below the 6 NYCRR Part 375-6.8(a) unrestricted SCOs, if applicable, were detected in soil sample S-5 (5-6') at soil boring MW-10. The pesticides a-Chlordane, Chlordane and g-chlordane were detected at concentrations of 0.039, 0.190 and 0.026 ppm, respectively in sample S-5 (5-6-feet) in boring MW-10, which do not exceed the 6 NYCRR Part 375-6.8(a) unrestricted SCOs, where applicable.

The analytical results for the PCB and Pesticide analysis are summarized on Table 5.

5.4.2.4 Semi-Volatile Organic Compounds

The only SVOCs detected above the MDL in any of the samples from the soil borings were 2-Methylnaphthalene and Phenanthrene, found in sample S-8 (7.75-8.0') at boring MW-09. 2-Methylnaphthalene was detected at 0.41 ppm and Phenanthrene was detected as an estimated value of 0.130 ppm. The Phenanthrene level is well below the 6 NYCRR Part 375-6.8(a) unrestricted soil cleanup objectives. No specific SCO is listed for 2-Methylnaphthalene in 6 NYCRR Part 375-6.8(a). However, 2-Methylnaphthalene is identified on Table 1 of CP-51 with a residential SCO of 0.41 ppm. The level of 2-Methylnaphthalene detected in sample S-8 (7.75-8.0') at boring MW-09 is at the CP-51 residential SCO.

The analytical results for the SVOC analysis are summarized on Tables 6A and 6B.

5.4.3 Surficial Soil Sample Results

5.4.3.1 Introduction

Surface soil samples were collected from two locations outside the eastern basement door of the structure in the small area of exposed ground surface (See Figure 7 and Site Survey in Appendix A). Samples collected from 0-2-inches were analyzed for TCL VOCs, TAL Metals, PCBs and Pesticides. Samples collected from 0-6-inches were analyzed for TCL VOCs.

5.4.3.2 Metals Analysis

Chromium, Copper, Lead, Mercury and/or Zinc were identified at levels exceeding the 6 NYCRR Part 375-6.8(a) unrestricted use SCOs in surface soil samples S-A and S-B.

Chromium, Copper, Lead, Mercury and Zinc were identified at 102, 98.6, 887 0.87 and 274 ppm, exceeding the 6 NYCRR Part 375-6.8(a) unrestricted use SCO in surface soil sample S-A. The Chromium, Lead and Mercury levels in surface soil sample S-A also exceed the 6 NYCRR Part 375-6.8(b) Residential and Restricted Residential SCOs, but did not exceed the 6 NYCRR Part 375-6.8(b) Commercial SCO. The copper and zinc levels did not exceed the 6 NYCRR Part 375-6.8(b) Residential SCO in surface soil sample S-A.

Lead, Mercury and Zinc were identified in surface soil sample S-B at 292, 0.34 and 211 ppm, which exceeded the 6 NYCRR Part 375-6.8(a) unrestricted use SCO, but do not exceed the 6 NYCRR Part 375-6.8(b) Residential SCO. The metals analysis for the surface soil samples are summarized on Table 7.

5.4.3.3 Volatile Organic Compounds

No VOCs were detected that exceeded the 6 NYCRR Part 375-6.8(a) unrestricted use SCOs. The VOC results for the surface soil samples are summarized on Table 8.

5.4.3.4 Polychlorinated biphenyls and Pesticides

Pesticides 4,4'-DDE and 4,4'-DDT were detected in both surface soil samples S-A and S-B at levels exceeding the 6 NYCRR Part 375-6.8(a) unrestricted use SCOs. No other PCBs or pesticides were identified at levels exceeding the 6 NYCRR Part 375-6.8(a) unrestricted use SCOs. With the exception of 4,4'-DDT in surface soil sample S-B, all pesticide detected were below the 6 NYCRR Part 375-6.8(b) residential use SCO. The level of 4,4'-DDT in surface soil sample S-

B exceeded the 6 NYCRR Part 375-6.8(b) residential use SCO, but not the 6 NYCRR Part 375-6.8(b) Restricted Residential use SCO. The PCB and Pesticide results for the surface soil samples are summarized on Table 9.

5.4.3.5 Semi-Volatile Organic Compounds

A number of SVOCs were identified above the MDL in the two surface soil samples, however, none exceeded the 6 NYCRR Part 375-6.8(a) unrestricted use SCO. The SVOC results for the surface soil samples are summarized on Table 10.

5.5 Groundwater Sample Analytical Results

5.5.1 Introduction

Ten groundwater samples were collected from nine monitoring wells, including one blind duplicate sample. Note that insufficient groundwater was present in monitoring well MW-11, within the basement of the structure to allow for sample collection. All samples were analyzed for a minimum of TCL VOCs. The analysis for TCL SVOCs, TAL Metals, PCBs and Pesticides was dependent on the location of the monitoring well, prior sampling results and the recharge capability of the individual monitoring well. NYSDEC approved the analyses performed on samples from the various monitoring wells. The groundwater monitoring well locations are shown on Figure 7 and the site survey (Appendix A).

Groundwater samples were collected from monitoring wells MW-01, MW-03, MW-04, MW-05, MW-06, MW-07, MW-08, MW-09 and MW-10. A groundwater sample was not collected from monitoring well MW-11, due to insufficient water in the well to allow for sample collection. Groundwater samples collected from MW-01, MW-03, MW-04, MW-05, MW-06, MW-07, MW-08, MW-09 and MW-10 and a blind duplicate, were analyzed for TCL VOCs. Groundwater samples from monitoring wells MW-01, MW-04, MW-07, MW-08 and the blind duplicate were analyzed for TCL SVOCs. Samples from monitoring wells MW-01, MW-04, MW-07 and MW-08 and the blind duplicate were analyzed for total and dissolved TAL Metals, with the exception that the sample from MW-04 was only collected and analyzed for dissolved TAL metals due to insufficient recharge. Groundwater samples collected from monitoring wells MW-01, MW-07, MW-08 and the blind duplicate were analyzed for PCBs and Pesticides. The analytical laboratory results are included in Appendix I.

5.5.2 PCBs and Pesticides

No PCBs or pesticides were detected over the MDL. The PCB and Pesticide results are summarized on Table 11.

5.5.3 Semi-Volatile Organic Compounds

Four SVOCs were detected over the MDL. Hexachlorobenzene was the only SVOC identified exceeding the 6 NYCRR Part 703.5 Ambient Groundwater Standards. Hexachlorobenzene was detected in the sample collected from Monitoring Well MW-08 at a concentration of 0.06 ppb, which slightly exceeded the 6 NYCRR Part 703.5 Ambient Groundwater Standard of 0.04 ppb. However, Hexachlorobenzene was not identified in the blind duplicate sample labeled MW-12. The SVOC results are summarized on Table 12.

5.5.4 Metals

A number of metals were identified in the groundwater samples exceeding the MDL. It should be noted that the turbidity exceeded 50 NTU at all of the monitoring wells during the sample collection. Since turbidity can affect the analysis for metals, field filtered samples for dissolved metals were also collected. Six metals were identified in groundwater samples exceeding the 6 NYCRR Part 703.5 Ambient Groundwater Standards. The Metals results are summarized on Table 13.

Arsenic (LDL-Total) was identified in the samples collected from Monitoring Well MW-08 and the blind duplicate of MW-08 (Labeled MW-12) at concentrations of 0.020 and 0.015 ppm, respectively, which do not exceed the 6 NYCRR Part 703.5 Ambient Groundwater Standard of 0.025 ppm. Dissolved Arsenic was also not detected at levels exceeding the 6 NYCRR Part 703.5 Ambient Groundwater Standard in either sample. Based on the lack of Arsenic (LDL-Total) and dissolved Arsenic exceeding the standard, Arsenic does not appear to be a contaminant of concern on the property.

Chromium (Total) was also identified in the samples collected from Monitoring Well MW-08 and the blind duplicate of MW-08 (Labeled MW-12) at concentrations of 0.161 and 0.137 ppm, respectively, which exceeds the 6 NYCRR Part 703.5 Ambient Groundwater Standard of 0.050 ppm. Dissolved Chromium was not detected exceeding the 6 NYCRR Part 703.5 Ambient Groundwater Standard in either sample. It appears that turbidity may have affected the analysis for Total Chromium. Based on the lack of dissolved Chromium exceeding the standard, Chromium does not appear to be a contaminant of concern on the property.

Iron (Total) was identified in the samples collected from Monitoring Wells MW-01, MW-07, MW-08 and the blind duplicate of MW-08 (Labeled MW-12) at concentrations of 15.4, 5.46, 58.0 and 47.0 ppm, respectively, which exceeds the New York State drinking water standard of 0.3 ppm. Dissolved Iron was not detected exceeding the 6 NYCRR Part 703.5 Ambient Groundwater Standard. It appears that turbidity may have affected the analysis for Total Iron. Based on the lack of dissolved Iron exceeding the standard, Iron does not appear to be a contaminant of concern on the property.

Lead (Total) was identified in the samples collected from Monitoring Well MW-08 and the blind duplicate of MW-08 (Labeled MW-12) at concentrations of 0.071 and 0.060 ppm, respectively, which exceeds the 6 NYCRR Part 703.5 Ambient Groundwater Standard of 0.025 ppm. Dissolved Lead was not detected exceeding the 6 NYCRR Part 703.5 Ambient Groundwater Standard. It appears that turbidity may have affected the analysis for Total Lead. Based on the lack of dissolved lead exceeding the standard, lead does not appear to be a contaminant of concern on the property.

Manganese (Total) and dissolved Manganese were detected in groundwater samples collected from Monitoring wells MW-01, MW-04, MW-08 and the blind duplicate of MW-08 (Labeled MW-12), exceeding the 6 NYCRR Part 703.5 Ambient Groundwater Standard of 0.3 ppm. Note that due to insufficient recharge only the sample for dissolved Manganese was collected from Monitoring Well MW-04. Total Manganese levels ranged from 1.54 ppm at Monitoring well MW-08 to 0.743 ppm at Monitoring Well MW-01. Dissolved Manganese levels ranged from 0.471 to 0.487 ppm at Monitoring Wells MW-01, MW-08 and the blind duplicate of MW-08 (Labeled MW-

12). The dissolved level at Monitoring Well MW-04 was 2.08 ppm. Elevated Total and Dissolved Manganese were detected in the up gradient monitoring well (MW-01), down gradient monitoring wells MW-04, MW-08 and the blind duplicate of MW-08 (Labeled MW-12). It does not appear that the Manganese identified is related to past site activities at the 800 Broadway property.

Sodium (Total) and dissolved Sodium were detected in all groundwater samples analyzed for metals. The Sodium (Total) and dissolved Sodium collected from Monitoring wells MW-01, MW-04, MW-07, MW-08 and the blind duplicate of MW-08 (Labeled MW-12), exceeded the 6 NYCRR Part 703.5 Ambient Groundwater Standard of 20 ppm. Total Sodium levels ranged from 97.3 ppm at Monitoring Well MW-01 to 766 ppm at Monitoring Well MW-08. Dissolved Sodium levels ranged from 92.1 ppm at Monitoring Well MW-01 to 722 ppm at Monitoring Well MW-08. Both Total and Dissolved Sodium were detected in the up gradient monitoring well MW-01 and down gradient monitoring wells MW-04, MW-07, MW-08 and the blind duplicate of MW-08 (Labeled MW-12). Since sodium was detected in all wells, it appears the sodium is either naturally occurring or is a result of historical road salting procedures in the area. It is most likely the result of historical road salting and is not a contaminant related to past site activities at the 800 Broadway property.

5.5.5 Volatile Organic Compounds

Ten VOC compounds were identified in the groundwater samples over the MDL. Of those parameters identified over the MDL, cis-1,2-Dichloroethene, PCE, TCE and Vinyl Chloride were detected at levels exceeding the 6 NYCRR Part 703.5 Ambient Groundwater Standards in the samples collected from one or more of monitoring wells MW-05, MW-06, MW-08, MW-09, MW-10 and the blind duplicate of MW-08 (Labeled MW-12).

cis-1,2-Dichloroethene, PCE and TCE were all detected at levels exceeding the 6 NYCRR Part 703.5 Ambient Groundwater Standards in the samples collected from monitoring wells MW-05, MW-08, MW-09, MW-10 and the blind duplicate of MW-08 (Labeled MW-12). Vinyl Chloride was detected at levels exceeding the 6 NYCRR Part 703.5 Ambient Groundwater Standards in the samples collected from monitoring wells MW-05 and MW-06.

Cis-1,2-Dichloroethene was detected at 34, 210, 14, 56 and 140 ppb in the samples collected from monitoring wells MW-05, MW-08, MW-09, MW-10 and the blind duplicate of MW-08, respectively. PCE was detected at 73, 9.0, 200, 14 and 8.0 ppb in the samples collected from monitoring wells MW-05, MW-08, MW-09, MW-10 and the blind duplicate of MW-08, respectively. TCE was detected at 37, 34, 16, 10 and 26 ppb in the samples collected from monitoring wells MW-05, MW-08, MW-09, MW-10 and the blind duplicate of MW-08, respectively. Vinyl Chloride was detected at 2.6 and 3.5 ppb in the samples collected from monitoring wells MW-05 and MW-06, respectively. The VOC results from the groundwater sampling is included on Table 14. The concentrations of PCE, DCE, TCE and Vinyl Chloride in samples collected from each monitoring well are shown on Figure 10. An isopleth map of the combined total concentrations of PCE, DCE and TCE are shown on Figure 11. Note: the extent of contamination (0 ppb contour) is inferred from the data.

5.6 Hydraulic Conductivity Testing

Falling head (slug) tests and rising head (bail) tests were performed on February 22, 2016 on monitoring well MW-05 to determine the hydraulic conductivity of the saturated soils. Monitoring well MW-05 is screened in the native soils, below the fill materials. Attempts were also made to conduct tests on monitoring well MW-08, also screened in the native soils. However, since the prior testing, monitoring well MW-08 had become plugged. Attempts to redevelop monitoring well MW-08 were not successful.

Three falling head and three rising head tests were performed on monitoring well MW-05. The data collected from each test was analyzed by both the Bouwer-Rice and Hvorslev methods using the Aqtesolv® suite of programs. The hydraulic conductivity ranged from a high of 3.55 gallons per day per square foot (gpd/ft^2) to a low of 0.31 gpd/ft^2. The range of hydraulic conductivity is typical for glacial till, silt and/or silty sand. The analysis results are included in Appendix J and are summarized on Table 15.

5.7 Sub-Slab Vapor Intrusion Sampling at 1 Partition Street

The sub-slab vapor intrusion sampling was performed at 1 Partition Street from February 1 to 2, 2016. Two sub-slab samples were collected along with associated indoor air samples, a blind duplicate and one exterior background sample.

The samples were analyzed by EPA Method TO-15 SIMS for VOCs associated with dry cleaning solvents, by Centek Laboratories, LLC, a New York State ELAP certified analytical laboratory. All EPA Method TO-15 SIMS analytical data was validated by Data Validation Services, Inc., an independent third party data validator. The analytical results and Indoor Air Quality Questionnaire are included in Appendix K. The analytical results are summarized on Table 16.

The analytical results were reviewed and compared to the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York State (October 2006) Decision Matrices. The decision matrices are utilized in decision making when evaluating for potential soil vapor intrusion into a building from Carbon Tetrachloride, PCE, TCE and 1,1,1-TCA. The matrices compare the sub-slab concentrations with the indoor air concentrations to determine the level of action required. A number of VOCs including Carbon Tetrachloride, PCE, TCE and 1,1,1-TCA were identified, but at relatively low levels.

Carbon Tetrachloride: Carbon Tetrachloride was evaluated using Matrix 1.

Carbon Tetrachloride was identified in sub-slab sample SS-1 at a concentration of <0.94 ug/m^3 in and indoor air sample IA-1 at a concentration of 0.57 ug/m^3. Matrix 1 identifies the appropriate action as: “Take reasonable and practical actions to identify source(s) and reduce exposures.

Carbon Tetrachloride was identified in sub-slab sample SS-2 at a concentration of <0.94 ug/m^3 in and indoor air sample IA-2 at a concentration of 0.57 ug/m^3. Matrix 1 identifies the appropriate action as: “Take reasonable and practical actions to identify source(s) and reduce exposures.

However, Carbon Tetrachloride was identified in outdoor air sample OA-1 at a concentration of 0.57 ug/m^3, indicating the background level in the exterior sample was the same as the indoor air

levels. This indicates that the source of Carbon Tetrachloride was not from within the structure and that no action should be necessary.

Trichloroethene (TCE): TCE was evaluated using Matrix 1.

TCE was identified in sub-slab sample SS-1 at a concentration of <0.81 ug/m^3 in and indoor air sample IA-1 at a concentration of <0.21 ug/m^3. Matrix 1 indicates "no further action" is required.

TCE was identified in sub-slab sample SS-2 at a concentration of <0.81 ug/m^3 in and indoor air sample IA-2 at a concentration of <0.21 ug/m^3. Matrix 1 indicates "no further action" is required.

TCE was identified in outdoor air sample OA-1 at a concentration of <0.21 ug/m^3.

Tetrachloroethene (PCE): PCE was evaluated using Matrix 2.

PCE was identified in sub-slab sample SS-1 at a concentration of 2.2 ug/m^3 in and indoor air sample IA-1 at a concentration of 0.68 ug/m^3. Matrix 2 indicates "no further action" is required.

PCE was identified in sub-slab sample SS-2 at a concentration of 17 ug/m^3 in and indoor air sample IA-2 at a concentration of 1.6 ug/m^3. Matrix 2 indicates "no further action" is required.

PCE was identified in outdoor air sample OA-1 at a concentration of <1.0 ug/m^3.

1,1,1-Trichloroethane (1,1,1-TCA): 1,1,1-TCA was evaluated using Matrix 2.

1,1,1-TCA was identified in sub-slab sample SS-1 at a concentration of <0.82 ug/m^3 in and indoor air sample IA-1 at a concentration of <0.82 ug/m^3. Matrix 2 indicates "no further action" is required.

1,1,1-TCA was identified in sub-slab sample SS-2 at a concentration of <0.82 ug/m^3 in and indoor air sample IA-2 at a concentration of <0.82 ug/m^3. Matrix 2 indicates "no further action" is required.

1,1,1-TCA was identified in outdoor air sample OA-1 at a concentration of <0.82 ug/m^3.

The results of the Sub-Slab Vapor Intrusion Sampling at 1 Partition Street do not indicate any evidence of vapor intrusion from the 800 Broadway site. The results indicate no monitoring or corrective mitigation measures are necessary for the protection of the health of the residents at 1 Partition Street.

5.8 Quality Assurance

5.8.1 Introduction

A Quality Assurance Project Plan (QAPP) was prepared to describe; methods of sample collection, handling and preservation; and protocols to be used for sample analysis and evaluation. Duplicate samples were collected to evaluate the quality of the sampling, handling, etc. methods. The QAPP was included in the RIWP.

5.8.2 Soil Samples

Thirty-four soil samples were submitted for laboratory analysis. Twenty-nine of the soil samples were collected from the soil borings, three were duplicate samples from the soil borings and two were surface soil samples. Three blind duplicate soil samples were submitted to the laboratory for

quality assurance/quality control analysis. The analytical results from the original designated sample and duplicate were compared.

Soil sample S-11, collected from soil boring MW-06, is a duplicate of soil sample S-7 from soil boring MW-06. Soil sample S-11, collected from soil boring MW-08, is a duplicate of soil sample S-10 from soil boring MW-08. Soil sample S-11, collected from soil boring MW-11, is a duplicate of soil sample S-8 from soil boring MW-11.

Both the designated and three duplicate samples were all non-detected for PCBs and Pesticides and for SVOCs (See Tables 5, 6A and 6B, respectively). The QA/QC comparison of the metals and VOCs analytical results indicated reasonable acceptable variations (See Table 3 for Metals and Tables 4A and 4B for VOC results).

5.8.3 Groundwater Samples

Ten ground groundwater samples were submitted for laboratory analysis. Nine of the samples were collected from monitoring wells MW-01, MW-03, MW-04, MW-05, MW-06, MW-07, MW-08, MW-09 and MW-10. One blind duplicate groundwater sample was submitted to the laboratory for quality assurance/quality control analysis. The analytical results from the original designated sample and duplicate were compared.

The groundwater sample designated as MW-12 is a duplicate of the sample collected from monitoring well MW-08.

Both the designated and duplicate sample were both non-detected for PCBs and Pesticides (See Table 11). The QA/QC comparison of the SVOC, metals and VOC analytical results indicated reasonable acceptable variations (See Table 12 for SVOCs, Table 13 for Metals and Table 14 for VOC results).

5.8.4 Data Usability Summary Report

For quality control purposes, comprehensive Contract Laboratory Protocol (CLP) Category B data packages were produced by Phoenix Environmental Laboratories Inc. for the soil and groundwater samples and by Centek Laboratories, LLC for the soil vapor intrusion investigation air samples. The data packages were delivered to Data Validation Services, Inc., a NYSDEC pre-qualified independent third party data validation specialist for evaluation of the accuracy and precision of the analytical results in accordance with DER-10, Appendix 2B. The Data Usability Summary Report (DUSR) is included in Appendix L.

As part of the data review process, analytical results and data qualifiers were corrected where necessary to reflect quality control issues. The data summary tables referenced in this report have been modified to reflect the findings of the DUSR. As a result of the review, soil and groundwater sample analysis, performed by Phoenix Laboratories was found to be useable with qualifications. The qualifications do not affect the conclusions of this report. The review of the EPA TO-15 data by Centek Laboratories, LLC found it to be useable with no qualifications.

6.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

6.1 Introduction

This section integrates the data and information obtained during this investigation and the mechanisms that may affect the migration and potential exposure to VOCs and other contaminants of concern (COCs) exceeding the 6 NYCRR Part 375-6.8(b) Residential and/or the 6 NYCRR Part 703.5 Ambient Groundwater Standards at the site. This assessment was performed by identifying the possible source locations, transport mechanisms, points of exposure, potential receptors and potential exposure pathways at and in the vicinity of the site.

6.2 Constituents of Concern

Based on the results of this investigation the following constituents of concern (COCs) were identified in the soil, groundwater and/or soil vapor. Based on the mixed use zoning and existence of residential or potentially residential properties in the immediate area, COCs were determined if a parameter exceeded the 6 NYCRR Part 375-6.8(b) Residential Use SCOs and/or the 6 NYCRR Part 703.5 Ambient Groundwater Standards at the site. There are no specific soil vapor regulatory limits. HVV utilized a soil vapor level of 500 ppb for PCE to identify it as a COC.

Soil Vapor

Tetrachloroethene

Subsurface Soils

Mercury

Manganese

Tetrachloroethene

Surface Soils

Chromium

Lead

Mercury

4,4'-DDT

Groundwater

cis-1,2-Dichloroethene

Tetrachloroethene

Trichloroethene

Vinyl Chloride

Hexachlorobenzene was identified in the sample collected from monitoring well MW-08 in the City ROW at 0.06 ppb, which slightly exceeds the groundwater standard of 0.04 ppb. Hexachlorobenzene was not, however, identified in the blind duplicate sample collected from

monitoring well MW-08 (labeled MW-12), indicating the result is anomalous or any of the on-site monitoring wells. Review of the data from the prior Phase 2 investigation indicated that Hexachlorobenzene was not identified above the MDL in any groundwater sample collected from any monitoring wells.

Review of the soil data indicated that no Hexachlorobenzene was detected above the MDL in any soil sample from any boring, including boring MW-08. Review of the soil analysis data indicated the MDL for Hexachlorobenzene ranged from 100 to 130 ppb, and the reporting limit was 140 to 180 ppb, for soil samples submitted during this RI. The reporting limits are low enough to have identified Hexachlorobenzene in soil if it were to have been a possible linked to groundwater impacts.

Based upon the above data, there is no evidence of Hexachlorobenzene in soil either on-site of off-site that could link it to the off-site groundwater water sample from monitoring well MW-08. Therefore, Hexachlorobenzene is not considered a COC.

6.3 Site Setting

The investigation focused on the two AOCs. AOC-1 was the area of the former concrete pad and exposed soils at the eastern end of the property, which was suspected as the loading/off-loading area for chemicals and products during the operations as a dry cleaners. AOC-2 was the building footprint, which encompasses most of the actual site property.

6.4 Contaminant Fate and Transport

This section discusses the mechanisms that may affect the migration of contaminants at the site and study area, and the chemical behavior characteristics of the compounds detected, including the persistence of the chemical substances. This information is compared with the site-specific data and observations to assist in assessing the extent of migration that has occurred and the potential for future migration.

6.4.1 Potential Routes of Migration

6.4.1.1 Subsurface Soil

Multiple on-site and off-site subsurface soil samples were collected at ten locations (including the prior investigation) and submitted for analysis. A number metals, one SVOC and four VOCs were detected in subsurface soil samples exceeded the 6 NYCRR Part 375-6.8(a) unrestricted use SCO. However, only Mercury, Manganese and PCE were detected at a level exceeding the 6 NYCRR Part 375-6.8(b) Residential Use SCO.

Mercury is most often found as “inorganic Mercury” or “organic Mercury”, when elemental Mercury combines with other elements to form compounds. Mercury has the highest solubility in water of any metal and easily vaporizes into the air; these two properties make it very mobile in the environment. The Mercury identified on the Bayly property is not considered the result of the most recent on-site dry cleaning activities, but may be the result of some prior unknown activity.

Manganese is a metal resembling iron that is the 12th most abundant mineral on earth and commonly found in rock, soil and groundwater, many times associated with iron. Currently, only high doses of manganese dust, inhaled or ingested, as in a factory or mining setting have been

shown to be a health effect. The Manganese identified on the Bayly property is not considered the result of on-site activities

PCE (Tetrachloroethylene) is an excellent solvent for organic materials. Otherwise, it is volatile, highly stable and nonflammable. For these reasons, it is widely used in dry cleaning. It is also used to degrease metal parts in the automotive and other metalworking industries, usually as a mixture with other chlorocarbons. It appears in a few consumer products including paint strippers and spot removers. PCE is volatile, which makes if very mobile in the environment and an inhalation concern. It is also a dense non-aqueous phase liquid (DNAPL), which is denser than water.

The on-site area consisted a concrete pad, the building foot print and a small area of grass and/or soil. The adjacent off-site areas consist of adjacent structures, paved asphalt and concrete sidewalks and roadways. Due to the impervious nature of the majority of the on-site and off-site area, any storm water will flow via sheet flow to the adjacent roadways and municipal storm water system. Therefore, due to the impervious nature of the areas, there is little to no potential for subsurface soil contaminants to migrate further off-site in the unsaturated zone. Also, the subsurface soil conditions have a relatively low permeability, which limits groundwater movement.

6.4.1.2 Surface Soil Samples

A number metals and two pesticides were detected in surface soil samples exceeded the 6 NYCRR Part 375-6.8(a) unrestricted use SCO in the small area of exposed ground surface at the site. Only Chromium, Lead, Mercury and 4,4'-DDT were detected at a level exceeding the 6 NYCRR Part 375-6.8(b) Residential Use SCO.

Mercury is most often found as "inorganic Mercury" or "organic Mercury", when elemental Mercury combines with other elements to form compounds. Mercury has the highest solubility in water of any metal and easily vaporizes into the air; these two properties make it very mobile in the environment. The Mercury identified on the Bayly property is not considered the result of the most recent on-site dry cleaning activities, but may be the result of some prior unknown activity.

Trivalent Chromium is released to the environment by air born emissions from chemical and metal manufacturing, coal and oil combustion and road dust from catalytic converters. It may also be contained in fill, which has ash from combustion. Potential exposure routes include inhalation, ingestion or skin contact with contaminated soils and dusts. The Chromium identified on the Bayly property is not considered the result of the most recent on-site dry cleaning activities, but may be the result of some prior unknown activity.

4,4'-DDT (dichlorodiphenyltrichloroethane) is a colorless, crystalline, tasteless and almost odorless organochlorine known for its insecticidal properties and environmental impacts. DDT can be absorbed by eating, breathing, or touching products contaminated with DDT. DDT is considered a possible human carcinogen. The 4,4'-DDT identified on the Bayly property is not considered the result of the most recent on-site dry cleaning activities, but may be the result of some prior unknown activity.

Direct contact is possible if someone trespasses and/or excavates in the limited area of exposed

soil. Residents of the adjacent 1 Partition Street three-unit apartment building utilize the area adjacent to the Bayly property for storage and access to the 1 Partition Street exterior basement door. It is conceivable that residents and/or owners of 1 Partition Street unknowingly cross the Bayly property. There is the potential for the trespassers to track soil off-site. A potential contaminant pathway exists for residents and/or owners of 1 Partition Street to directly contact the surface soils, particles from air born surface soils and/or vapors.

6.4.1.3 Groundwater

Groundwater samples were collected from nine of the ten monitoring wells installed on and adjacent to the site. Based on the analytical results chlorinated VOCs consisting of cis-1,2-dichloroethene, Tetrachloroethene, Trichloroethene and vinyl chloride were identified as the contaminants of concern. The primary route of potential migration of contaminants at the site is via groundwater. Chlorinated VOCs are denser than water and consequently sink to the base of the water bearing zone.

The groundwater flow direction is generally to the west; however, the hydraulic conductivity within the soil is very low, minimizing the potential for significant migration. Groundwater was identified in narrow sandy seams within the silty clay subsurface formation. It could not be determined if the sandy seams were continuous, but the chlorinated VOC migration appears to have been minimal, based on the data. No chlorinated VOCs were detected in down gradient monitoring wells MW-03, MW-04 and MW-06 above the groundwater standard, with the exception of a low level concentration of vinyl chloride in the sample collected from MW-06. No SVOCs were detected in down gradient monitoring wells MW-03, MW-04 and MW-06. Based on the lack of significant chlorinated VOCs in the down gradient monitoring wells, it is shown that there is a very low potential for off-site groundwater contamination migration in a westerly direction. The low potential for off-site migration is attributed to the apparently the low permeability of the soils and possible discontinuous nature of the sandy seams have minimized any migration beyond the apparent source areas.

6.4.1.4 Soil Vapor

Volatilized contamination from soil and groundwater is expected to migrate in the soil vapor above the water table. The interior on-site soil gas survey and prior investigation of on-site indoor air sampling identified chlorinated VOCs, consisting primarily of PCE. The prior investigation also identified sub-slab chlorinated VOCs at adjacent 810 Broadway exceeding the NYSDOH mitigation guidance values and low levels of chlorinated VOCs in soil gas samples within the City ROW and the vacant parcel identified as “north of 1 Partition Street. The sub-slab vapor intrusion investigation performed at up gradient 1 Partition Street did not identify any significant chlorinated VOC compounds requiring further action.

Migration of soil gas contaminated with chlorinated VOCs has taken place and further migration is possible, but is less predictable than groundwater migration due to heterogeneities and subsurface structures (i.e. foundations, utilities, etc.). The chlorinated VOCs identified on and off the site is attributed to the former operation of the dry cleaners at 800 Broadway. Migration of soil vapors has apparently already occurred to some extent and will likely continue to occur. There is the potential for accumulation of soil vapors within enclosed areas such as basements, crawl

spaces and/or deep/narrow excavations both on and off the property.

6.4.2 Contaminant Persistence

Chlorinated VOCs and metals are persistent in soil and groundwater. When encountered in groundwater chlorinated VOCs tend to sink, as they are denser than water. Chlorinated VOCs tend to migrate with groundwater. Mercury is highly soluble in water but will persist where deposited in unsaturated soils. Mercury also easily vaporizes into the air; making it mobile in the environment.

6.4.3 Factors Affecting Contaminant Migration

No mechanical off or on-site factors affecting contaminant migration for the media of importance (i.e. soil vapor and groundwater) were identified, with the exception of the area of monitoring wells MW-05 and MW-08 on the City ROW south of the property. Most on-site and immediate off-site contaminant migration is based on the natural soil and groundwater conditions at the site and immediate surrounding area. Waste lines exiting the building on the south side of the property, in the area of monitoring wells MW-05 and MW-08 on the City ROW appear to have leaked and/or the fill within the sewer utility trench may have acted as a conduit for contaminant migration in a southerly direction. The utility trench back fill materials most likely have a significantly higher permeability than the native soils, which have been shown to have relatively low permeability. Future on-site and off-site development, installation of new utilities or alteration of the properties may increase the potential for vapors to migrate to basements and sub-slab areas. Future on-site and off-site development, installation of new utilities or alteration of the properties may cause changes to groundwater flow and contaminant migration. However, the depth to groundwater indicates that future site development, installation of new utilities or alteration of the properties, will likely not extend to the groundwater table.

6.5 Exposure Assessment

6.5.1 Introduction

A qualitative baseline exposure assessment was completed based on the information presented in Sections 1.0 through 6.4 of this remedial investigation report. The exposure assessment is based on NYSDEC DER-10, Technical Guidance for Site Investigation and Remediation. The potential site exposure risks to humans were reviewed based on the chemical specific health exposure based criteria. Levels of contamination by TAL Metals, TCL SVOCs, TCL VOCs, PCBs and Pesticides in surface and subsurface soil samples were compared to the applicable tables in 6 NYCRR Part 375-6, NYSDEC, Division of Remediation, DER-10 and 6 NYCRR Part 703.

The exposure assessment discusses the potential migration route by which contaminants identified at the site may be able to reach human receptors. This discussion is based on current and hypothetical future site conditions at the site and immediate surrounding area, which is assumed to be based on current site conditions.

A complete exposure pathway must exist for an exposure to occur to the population from the contaminants of concern identified at the site. A complete exposure pathway is present when all five elements of an exposure pathway are documented. The five elements of a complete exposure pathway include the following:

1. A source(s) and mechanism(s) of contaminant release;
2. Transport mechanism;
3. Potential exposure point(s) of potential human contact;
4. Exposure route at the contact point; and
5. Receptor populations who may be exposed to contaminants at a point of exposure.

The sections below focus primarily on identifying potential points of human contact with contaminated media and exposure pathways identified for the site and immediate off-site area.

6.5.2 Source(s) and Mechanism(s) of Contaminant Release

The investigation identified the primary COCs to be chlorinated VOCs typically associated with dry-cleaning solvents, and Mercury. 4,4'-DDT, Manganese, Chromium and Lead were also identified as COCs. The mechanism of contaminant release of the chlorinated VOCs at the site appears to be up to three breaches in the waste line between the former dry cleaning equipment and the sanitary sewer beneath Partition Street and possibly spillage within the basement of the structure. One appears to be a cracked pipe adjacent to the concrete equipment pad and one a separation at the trap joint beneath the basement floor. A third breach appears to exist below the sidewalk, in the City ROW, where the cast iron waste line intersects with a clay tile pipe prior to entering the sanitary sewer line. Soil vapor and groundwater contamination within the basement also indicate spillage as a possible mechanism of release. The source area associated with possible spillage is not known, but appears to be the central basement area where elevated chlorinated VOC soil vapor and elevated chlorinated VOCs in the groundwater were identified. The source of Mercury identified in two subsurface soil samples from beneath the basement floor are unknown. The source of Manganese is one subsurface soil sample from soil boring MW-06, down gradient of the property in the City ROW is unknown. The source of Chromium, Lead and Mercury from surface soil sample S-A is unknown. The source of 4,4'-DDT in surface soil sample S-B is also unknown. The 4,4'-DDT, Mercury, Lead, Manganese and Chromium, identified in limited samples is most likely from fill used at the site at some unknown time prior to 1956 or some unknown site activities prior to 1956. The source of the fill material identified both on and off-site is not known.

6.5.3 Transport Mechanism

The chlorinated VOC contaminants were apparently released to the subsurface soils and ultimately to the groundwater from the apparent breaches in the waste line. Chlorinated VOC contaminants may also have been released directly to the basement floor and/or dirt floor within the structure due to spillage. Transport of contaminants is primarily by groundwater flow and migration of soil vapors. The groundwater sampling results indicate the minimal down gradient transport by groundwater flow has taken place on and off the site, most likely due to the clay type soils and the impervious nature of the majority of the on-site and off-site area. The soil gas survey results and prior investigation indicate volatilization of groundwater contaminants and migration of vapors within the shallower more permeable fill material is the primary transport mechanism.

Transport of 4,4'-DDT, Mercury, Lead, Manganese and Chromium, is most likely through fugitive dust, direct contact (tracking contaminants of shoes) and volatilization (primarily Mercury).

6.5.4 Potential Exposure Point(s) and Routes of Potential Human Contact

6.5.4.1 Surface Soil

On site surface soils outside the building footprint are limited to an area of approximately 150 square feet at the eastern side of the property. This area of the property is presently not secured, but is mostly vegetated with grass cover. If persons trespass on the property and/or excavate in the soil, there is the potential for dermal contact, ingestion and inhalation of soil particulates and vapors. Direct contact and exposure is possible if someone trespasses and/or excavates in the limited area of exposed soil. Residents of the adjacent 1 Partition Street three unit apartment building utilize the area adjacent to the Bayly property for storage and access to the 1 Partition Street exterior basement door. It is conceivable that residents and/or owners of 1 Partition Street unknowingly cross the Bayly property. A potential contaminant pathway exists for residents and/or owners of 1 Partition Street to directly contact the surface soils, particles from air born surface soils and/or vapors.

No other surface soil samples were collected since the remainder of the site is occupied by the structure and adjacent City ROW areas are concrete and asphalt sidewalks and roads. People are not coming into contact with the surface soils in the area of the structure and areas on the City ROW at this time.

During future construction activities, specifically the disturbance of surface soils, the potential for exposure to soils, dust and vapors increases for on-site workers, utility workers, trespassers and visitors.

6.5.4.2 Subsurface Soils

Potential routes of exposure to Manganese, Mercury and PCE in subsurface soils include dermal contact, ingestion, inhalation of soil particles and/or vapors. Direct contact to subsurface soils containing Manganese, Mercury and PCE is minimal since the samples containing those compounds were identified at a depth of at least 3-feet below the basement floor level and/or the ground surface. The majority of the site is covered by the on-site building and paved and concrete sidewalks and roadways on the adjacent City ROW, which also eliminates potential exposure routes.

During future construction activities, specifically the disturbance of subsurface soils, there is a potential for dermal contact, ingestion, inhalation of soil particles and/or exposure to vapors for on-site workers, utility workers in City ROW, trespassers and visitors. There is a higher potential for exposure to workers performing excavation work within the basement of the structure and in the City ROW adjacent to monitoring wells MW-05 and MW-08.

6.5.4.3 Overburden Groundwater

Potential exposure to chlorinated VOCs in the groundwater includes ingestion, dermal contact and exposure to vapors released from the groundwater. The site and surrounding area use municipal water for drinking water, which minimizes the potential for ingestion of on-site contaminated groundwater. The depth of groundwater ranges from 7.3 to 9.6-feet below the basement and 5.68 to 18.15-feet below grade on the adjacent off-site areas investigated. There are no routes of potential direct exposure to groundwater at this time. Proposed construction activities for

redevelopment of the site and off-site utility installation and repair are not anticipated to extend into the groundwater table, minimizing the potential for exposure.

6.5.4.4 Soil Vapors

Potential exposure routes for soil vapor include inhalation. Chlorinated VOCs and/or Mercury were identified within the groundwater, subsurface soils, surface soils and soil vapor at the site, adjacent property (810 Broadway) and adjacent City ROW. Exposure to elemental mercury vapor and chlorinated VOCs in indoor air can cause serious harm. There is the potential for soil vapor to accumulate in the basement of the site structure. There is the potential for exposure to soil vapors to current visitors, workers during redevelopment of the site and utility works in the City ROW. There is also the potential for exposure to future site occupants, if mitigative measures are not performed during redevelopment of the site.

6.5.4.5 Summary of Potential Exposure Points

Presently there is minimal potential for exposure to subsurface soils and groundwater at the site. There is the potential for exposure to soil vapors to persons within the basement of the structure. There is no potential for exposure to groundwater due to the depth of the overburden water table and the use of municipal drinking water.

There is the potential for exposure to surface soils, dust generated from surface soils and vapors associated with surface soils. Direct contact and exposure is possible if someone trespasses and/or excavates in the limited area of exposed soil. Residents of the adjacent 1 Partition Street three unit apartment building utilize the area adjacent to the Bayly property for storage and access to the 1 Partition Street exterior basement door. It is conceivable that residents and/or owners of 1 Partition Street unknowingly cross the Bayly property. A potential contaminant pathway exists for residents and/or owners of 1 Partition Street to directly contact the surface soils, particles from air born surface soils and/or vapors.

The potential for exposure to subsurface soils and soil vapors increases for on-site workers, utility workers and visitors during proposed construction activities. There is also the potential for exposure to soil vapors for future site occupants/employees, if mitigative measures are not performed during redevelopment of the site.

6.5.5 Potential Routes of Exposure

General potential routes of exposure include inhalation, ingestion and dermal contact. As stated above, there is limited potential for any exposure, as the site exists today, with the exception of exposure to interior vapors and the exposure to the limited area of surface soils.

The primary potential for exposure will take place during proposed construction activities at the property. There is the potential for dermal contact and inhalation of vapors, while performing construction activities within the basement of the structure and by utility workers, connecting the facility to new water and/or sewer lines are the potential routes of exposure.

6.5.6 Possible Receptor Populations

As the site exists today, the potential receptors would be people who inadvertently trespass on the limited area of exposed soil at the east end of the property, people who illegally access the

basement of the structure and utility workers performing excavations beneath the sidewalk in the City Row on the south side of the structure.

Direct contact and exposure is possible if someone trespasses and/or excavates in the limited area of exposed soil. It is conceivable that residents and/or owners of 1 Partition Street unknowingly cross the Bayly property. A potential contaminant pathway exists for residents and/or owners of 1 Partition Street to directly contact the surface soils, particles from air born surface soils and/or vapors.

During the future redevelopment of the site, construction and utility workers could be potential receptor populations. An adequate health and safety plan during construction would minimize potential exposure to construction and utility workers.

6.6.7 Summary of Exposure Assessment

6.6.7.1 Introduction

At this time, there is a complete exposure pathway for inhalation of vapors within the basement of the structure and for direct contact with surface soils and associated dust and vapors at the east end of the property. There is the potential for a future complete exposure pathway for the inhalation of dust and vapors and dermal contact with soil and/or groundwater during intrusive construction work. The following summarizes the exposure assessment:

Direct Contact with Surface Soils (including incidental Ingestion)

- COCs identified within the surficial soils are Chromium, Lead, Mercury and 4,4'-DDT.
- There is limited potential for direct contact due to the limited area of surface soil exposed at this time.
- Surface soils are vegetated helping limit the potential for incidental exposure.
- Direct contact is only possible if someone trespasses and/or excavates in the limited area of exposed soil. However, residents of the adjacent 1 Partition Street three unit apartment building utilize the area adjacent to the Bayly property for storage and access to the 1 Partition Street exterior basement door. It is conceivable that residents and/or owners of 1 Partition Street unknowingly cross the Bayly property. A potential contaminant pathway exists for residents and/or owners of 1 Partition Street to directly contact the surface soils, particles from air born surface soils and/or vapors.

Direct Contact with Subsurface Soils (including incidental Ingestion)

- COCs identified in the subsurface soils are Mercury, Manganese and PCE.
- The only potential contact would be persons performing ground intrusive work within the basement of the structure and/or the City ROW.

Ingestion of Groundwater

- The site utilizes municipal potable water and there are no known domestic or public water wells within the area.

Direct Contact with Groundwater

- The depth to groundwater minimizes the potential for direct contact even during the proposed future construction, redevelopment activities and/or utility installation and repair in City ROW.

Inhalation of Vapors

- There is presently the potential for exposure to Mercury and PCE vapors within the basement of the property, basement of adjacent 810 Broadway and utility workers within the City ROW in the area of monitoring wells MW-05 and MW-08. .

The property is zoned Downtown Mixed-Use District (MU-1). The purpose of the Downtown Mixed-Use District (MU-1) is to accommodate a mix of higher-density residential and commercial uses that will encourage a vibrant, walkable central core consistent with the historic character for the City of Rensselaer. The intent of the entire MU-1 district, and associated design standards, is to:

- (1) Encourage both horizontal and vertical mixing of residential units with retail, restaurants, entertainment, and other commercial uses in order to create an active street life, enhance the vitality of businesses, and reduce vehicular traffic;
- (2) Retain a pedestrian friendly scale to encourage walkability;
- (3) Preserve the integrity of historically significant buildings;
- (4) Encourage new buildings and uses that are harmonious with the historic character of buildings, streets, and public spaces;
- (5) Encourage infill development;
- (6) Encourage carefully designed public spaces, on commercial and public properties and within the public right-of-way, that enhance the City's identity and encourage greater interaction among residents and visitors; and
- (7) Strengthen connections between the train station, waterfront and the central business district.

The property has historically been a commercial dry cleaner. The proposed future site use is a commercial retail establishment (liquor store). No soil contamination was identified which exceeded the NYCRR Part 375-6.8(b) Commercial Use SCO, (with the exception of one soil sample where mercury was identified at a depth of 7.75 to 8.6-feet below the basement grade level). Future site remediation, mitigation and/or site restrictions, limiting use to "Commercial" may be necessary to comply with zoning and NYSDEC requirements. No use of groundwater is proposed. There is limited potential for the exposure to groundwater. There is significant potential for exposure to vapors. Mitigation and/or remediation to prevent exposure to vapors will be required.

6.6.7.2 Preliminary Remedial Action Objectives

Remedial action alternatives will be evaluated in the Alternatives Analysis. Remedial action objectives included RAOs for public health protection and RAOs for environmental protection. Remedial actions developed must eliminate or mitigate threats to public health and the environment by the use of appropriate scientific and engineering methods. RAOs for the protection of public health are to prevent ingestion, direct contact and/or inhalation of vapors

and/or contaminants, and/or mitigation of those impacts to public health. RAOs for environmental protection included restoration of surface or groundwater quality to pre-release conditions, prevent discharge of contaminants to surface water or groundwater, remove source of groundwater/surface water contamination, prevent migration of contaminants and prevent impacts to biota.

Sources of contamination will be address in accordance with the following hierarchy of preference: 1) source removal and/or treatment, 2) containment, 3) elimination of exposure, and 4) treatment of source at point of exposure. Preliminary remedial action objectives identify how each unacceptable exposure pathway may be eliminated or mitigated.

Contact with Surface Soils (including incidental Ingestion, inhalation of dust)

- Excavation and removal of surface soils and replace with certified clean soil.
- Restrict access to surface soils (i.e. fence).
- Cap surface soils with an impermeable material (i.e. pavement, 1-foot of clean soil, etc.)
- Treatment of surface soils in place at potential point of exposure.

Contact with Subsurface Soils (including incidental Ingestion, inhalation of dust)

- Require OSHA trained personnel only to perform intrusive work within the basement of the structure and utility work in City ROW adjacent to property.
- Remove/excavate subsurface soils for disposal and replacement during any intrusive site and off-site activities.
- Cap subsurface soils with an impermeable material (i.e. pavement, 1-foot of clean soil, etc.).

Ingestion of Groundwater

- Due to depth of groundwater contact and ingestion is not anticipated.
- Treatment of groundwater

Inhalation of Vapors

- **Exterior Surface Soils**
    - Excavation and removal of surface soils and replace with certified clean soil.
    - Restrict access to surface soils (i.e. fence).
    - Cap surface soils with an impermeable material (i.e. pavement, 1-foot of clean soil, etc.)
    - Treatment of surface soils in place at potential point of exposure.
- **Interior**
    - Removal/excavation and disposal of interior soils
    - Install vapor barrier within basement of structure.
    - Active vapor removal (sub-slab depressurization system).
    - Treatment of groundwater

7.0 SUMMARY AND CONCLUSIONS

7.1 Site Geology

- Historic fill covers the site from the surface to a depth from 2 to 9-feet.
- The fill consisted primarily of fine to coarse sand and gravel, with a trace of concrete fragments, brick fragments, glass fragments and rare layers of ashes. An occasional organic layer was also observed in random soil samples.
- The fill was underlain by clay and/or silty clay, grading to clay at depth. The silty clay and clay was varved or laminated in part, with small seams of fine sand or silt interbedded within the clay. Slight variations were observed at various soil borings.
- A continuous clay formation underlies the entire site.

7.2 Site Hydrogeology

- Groundwater was encountered in the subsurface during the installation of the soil borings. The groundwater appeared to be limited to the sand layers within the silty clay formation. No significant groundwater zones were encountered. Groundwater appeared to seep into the soil borings and completed monitoring wells at a relatively slow rate, which was also observed during well development, purging prior to sample collection and hydraulic conductivity testing.
- Water level measurements collected from the monitoring wells on October 29, 2015, indicate the groundwater table is generally flowing toward the west across the site.
- The depth to water in the monitoring wells ranged from 5.68-feet at the up gradient side of the site, to 18.05-feet below grade at the down gradient side of the site.
- Based on the water level measurements, the groundwater flows at a horizontal gradient of 0.09 feet per foot (ft/ft).
- The hydraulic conductivity ranged from a high of 3.55 gallons per day per square foot (gpd/ft^2) to a low of 0.31 gpd/ft^2. The range of hydraulic conductivity is typical for glacial till, silt and/or silty sand.

7.3 Tracing and Video Evaluation of Waste Lines

- The initial site inspection indicated the waste line exited the basement of the structure on the south side, along Partition Street, in close proximity to existing monitoring well MW-05, where chlorinated VOCs were identified in the groundwater during the prior investigation.
- The waste lines in the basement were of cast iron construction and appeared to collect waste from multiple locations, including adjacent to the large concrete structure, assumed the base for the dry cleaning equipment.
- The video inspection of the waste line exiting the property indicated the line was clear and connected to the municipal sanitary sewer on the south side of the structure. A possible breach/separation was identified where the cast iron line connected to a clay tile line, approximately 8 –feet from the south wall of the building, in the area proximal to and just down gradient of existing monitoring well MW-05.

- The video inspection of the interior waste line indicated a possible crack from crushing at the top of the cast iron line adjacent to the concrete structure/pad assumed to have been used to support the former dry cleaning equipment.
- The survey also found a possible separation where the cast iron line connects to the trap joint at the cleanout just upstream from the sump adjacent to the south side of the building.

7.4 Soil Gas Survey

- A soil gas survey was performed within the basement of the 800 Broadway structure, which involved the installation and testing of 19 vapor points within the basement (AOC-2).
- The survey results identified PCE at each of the 19 vapor points at levels ranging from 1.3 to 9,800 ppb and TCE at three of the vapor points.
- Vapor points near the former concrete equipment pad and apparent breaches in the waste line, exhibited elevated PCE levels.
- Vapor points in row C, located in the center of the basement, exhibited the highest PCE levels and were the only vapor points were TCE was also detected, indicating possible spillage in that area of the basement.
- PCE levels declined toward the west and down gradient of vapor point row C, as shown in the results collected from down gradient vapor point rows D, E and F.
- The soil gas survey results indicate the eastern half of the basement appears to be the most significantly impacted by PCE.

7.5 Surface Soil

- On-site surface soils outside the building footprint are limited to an area of approximately 150 square feet at the northeastern corner of the property. All remaining site area is occupied by the building. Adjacent areas of the City ROW are paved asphalt and/or concrete sidewalks and roads.
- Two surface soil samples were collected as part of this investigation (Samples S-A and S-B).
- Mercury, Chromium, Lead and 4,4'-DDT were identified as COCs in the surface soil samples exceeding the 6 NYCRR Part 375-6.8(b) Residential Use SCO's.

7.6 Subsurface Soil

- Subsurface soil sample results identified a number of random metals, four VOCs and one SVOC that exceeded the 6 NYCRR Part 375-6.8(a) Unrestricted Use SCOs.
- Mercury and Manganese and PCE were the only compounds identified exceeding the 6 NYCRR Part 375-6.8(b) Residential Use SCO in the area investigated.

7.7 Groundwater

- The groundwater was observed to have no sheen and no free product during development, purging and sampling.
- A slight solvent type odor was detected in the water purged from monitoring wells MW-09 and MW-10, located in the basement of the structure, during the initial well

development. No odors were detected in any of the other wells. No odors were detected at monitoring wells MW-09 and MW-10 during subsequent purging and sample collection.

- Chromium (Total), Iron (Total) and Lead (Total) were identified in the groundwater samples exceeding the 6 NYCRR Part 703.5 Ambient Groundwater Standards when analyzed for total metals. Since the turbidity exceeded 50 NTU at all of the monitoring wells during the sample collection and it is known that turbidity can affect the analysis for metals, samples for dissolved metals were also collected. The analysis for dissolved Chromium, Iron and Lead did not detected the parameters at levels exceeding the 6 NYCRR Part 703.5 Ambient Groundwater Standard.
- Manganese (Total) and dissolved Manganese were detected in groundwater samples exceeding the 6 NYCRR Part 703.5 Ambient Groundwater Standard. Elevated Total and Dissolved Manganese were detected in the up gradient and down gradient monitoring wells and appear consistent with naturally occurring manganese common in groundwater in the area.
- Sodium (Total) and dissolved Sodium were detected in all groundwater samples analyzed for metals. Since sodium was detected in all wells, it appears the sodium is either naturally occurring or a result of historical road salting procedures in the area and is not a contaminant related to past site activities at the property.
- Four VOC compounds including; cis-1,2-Dichloroethene, PCE, TCE and Vinyl Chloride were identified in groundwater samples both on site and beneath the City ROW (sidewalk), exceeding the 6 NYCRR Part 703.5 Ambient Groundwater Standards.
- The VOC groundwater contamination was predominately confined to the central area of the site beneath the structure and the area immediately south of the center of the structure where waste lines exit the building (See Figure 11).

7.8 Sub-Slab Vapor Intrusion Sampling at 1 Partition Street

- The results of the Sub-Slab Vapor Intrusion Sampling at 1 Partition Street did not indicate any evidence of vapor intrusion from chlorinated VOCs. The results indicate no monitoring or corrective mitigation measures are necessary for the protection of the health of the residents at 1 Partition Street.

7.9 Areas of Concern

- AOC-1 was suspected of being the unloading area for supplies and equipment by the former dry cleaner. No evidence of subsurface soil and groundwater contamination was identified at soil boring/monitoring well MW-07, located at the former concrete slab at the southeast corner of the site. Mercury, Chromium, Lead and 4,4'-DDT were identified as COCs in the surface soil samples exceeding the 6 NYCRR Part 375-6.8(b) Residential Use SCO's.
- AOC-2 is the footprint of the structure.
    - Soil vapor identified PCE and TCE within the subsurface soils in areas up and down gradient of the apparent breaks in the waste line and near and down gradient of the

concrete slab.

- COCs consisting of Cis-1,2-dichloroethene, PCE, TCE, were identified in the groundwater above the applicable state standards in monitoring wells within the footprint of the structure (AOC-2).
- The Mercury and PCE were identified in subsurface soils within AOC-2 exceeding the 6 NYCRR Part 375-6.8(b) Residential Use SCO.

7.10 Off-Site Impacts

- Cis-1,2-dichloroethene, PCE, TCE were identified in samples from monitoring wells MW-05 and MW-08, located on the City ROW, at levels exceeding the groundwater standard.
- Vinyl Chloride was identified in samples from monitoring wells MW-05 and MW-06, located on the City ROW, at levels exceeding the groundwater standard.
- Total and/or dissolved Manganese was identified in groundwater samples in monitoring wells MW-04 and MW-08 on the City ROW, and up gradient monitoring well MW-01 on an adjacent property, at levels exceeding the groundwater standard.
- The Manganese was identified in subsurface soils in boring MW-6 on the City ROW exceeding the 6 NYCRR Part 375-6.8(b) Residential Use SCO.

7.11 Human Health Exposure Assessment

- There is a limited potential for direct contact with on-site surface soil soils, air born soil particles and vapors by residents and/or owners of 1 Partition Street, who unknowingly trespass on the Bayly property. There is also the potential for contact by children, who inadvertently play on the Bayly property.
- The building at 800 Broadway is locked and secured, so there is limited potential for the inhalation of vapors at this time.
- There is the potential for exposure via incidental ingestion, dermal contact and inhalation of volatiles and/or particulates within the basement of the structure during future construction work and during utility work on the City ROW in the area of monitoring wells MW-05 and MW-08. Precautions must be taken during construction.
- There is the potential for impacts from the inhalation of vapors in the basement of the adjacent 810 Broadway structure.
- There is no potential for ingestion of groundwater as the site utilizes municipal potable water and there are no known domestic or public water wells within the area. The depth to groundwater minimizes the potential for direct contact even during the proposed future construction and redevelopment activities.

7.12 Potential Ecological Impacts

- The FWRIA Part 1 did not identify actual or potential impacts to fish and wildlife resources from site contaminants of ecological concern. Minimal evidence of wildlife usage of the site was identified within the main floor of the building and no evidence of digging or burrowing was identified within the basement or outside perimeter of the structure. The primary evidence of wildlife usage was limited to nesting within the walls and feeding on nuts brought from outside, apparently by rodents such as squirrels and mice. It was the

professional opinion of the biologists that a full FWRIA (Part 2: Ecological Impact Assessment) is not warranted for this site.

7.13 Conclusion

- The COCs identified in the surface soil samples was Mercury, Lead and Chromium in surface soil sample S-A and 4,4'-DDT in surface soil sample S-B at levels that exceed the 6 NYCRR Part 375-6.8(b) Residential Use SCO.
- The contamination to the groundwater appears to be the result of multiple leaks or breaks in the waste line with possible spillage in the basement as an additional contributor.
- The COCs in groundwater consist of: Tetrachloroethene (PCE), Trichloroethene (TCE), Cis-1, 2-dichloroethene (DCE) and Vinyl Chloride, which are present in groundwater both on and off-site (City ROW). The COC in the soil vapor is Tetrachloroethene (PCE), identified in the basement of the structure.
- The COCs identified in the subsurface soil samples was Mercury in one sample from 7.75-8.6 feet collected from boring MW-09, Manganese in one sample from 13-14 feet collected from boring MW-06 and PCE in one sample from 6.5-feet on boring MW-10.
- Contamination to the groundwater by the chlorinated VOCs, exceeding the groundwater standard, was identified in groundwater samples collected from monitoring wells MW-05 and MW-08, located in the City ROW on the south side of the structure, monitoring well MW-06, located down gradient and west of the structure and monitoring wells MW-09 and MW-10, located in the basement of the structure.
- Groundwater was only encountered within sandy seams in the predominately silty clay formation underlying the site.
- A comparison of the soil gas survey results (Figure 6), the concentrations of PCE, TCE DCE and Vinyl Chloride in the subsurface soils (Figure 9) and groundwater (Figure 10) and the Isopleth Map of the total chlorinated VOCs in groundwater (Figure 11), all show similar areas of extent, indicating the groundwater contamination is the likely source of the soil vapors identified within the structure.
- Sufficient analytical data was gathered during the RI to develop a remedy for the Site. The remedy will be described and evaluated in an Alternatives Analysis Report (AAR) and the proposed remedial actions will be described in a Remedial Action Work Plan (RAWP) prepared in accordance with NYS BCP guidelines. The remedy will need to address historical fill impacted with VOCs and metals, groundwater impacted with VOCs, the potential for soil vapor intrusion and surface soils within the area of the site not occupied by the structure impacted with metals and a pesticide. The future alternative(s) will compare contaminant levels of metals and a pesticide within the surface soils in the area of the site not occupied by the structure to residential use SCOs.

9.0 REFERENCES

ARCADIS, September 26, 2012, Phase 1 Environmental Site Assessment, 824 Broadway and (North of) 1 Partition Street, Rensselaer, New York.

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NYSDEC, May 2010, DER-10 Technical Guidance for Site Investigation and Remediation.

NYSDEC, December 14, 2006, 6 NYCRR PART 375, Environmental Remediation Programs, Subparts 375-1 to 375-4 & 375-6.

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USDA Soil Conservation Service, 1988, Soil Survey of Rensselaer County, New York.

TABLES

Table 1
Groundwater Table Measurements

Monitoring Well	Measuring Point Elevation (famsl)	Depth to Water 8/6/15 (ft)	WL Elev. (famsl) 8/6/15	Depth to Water 9/18/15 (ft)	WL Elev. (famsl) 9/18/15	Depth to Water 10/29/15 (ft)	WL Elev. (famsl) 10/29/15
MW-01	44.75	5.73	39.02			5.68	39.07
MW-03	46.20	15.80	30.40			14.76	31.44
MW-04	47.05	18.15	28.90			18.05	29.00
MW-05	45.45	11.20	34.25			11.21	34.24
MW-06	44.70	Dry	NA			17.54	27.16
MW-07	44.50	13.20	31.30			9.72	34.78
MW-08	46.25	13.55	32.70			13.54	32.71
MW-09	41.15	Not Installed		7.30	33.85	9.60	31.55
MW-10	40.65	Not Installed		7.30	33.35	7.50	33.15
MW-11	40.75	Not Installed		Dry		dry	

Famsl-feet above mean sea level

Ft-feet

Table 2
Soil Vapor Survey Results
800 Broadway Property
Rensselaer, New York
June 11 & 12, 2015

	6/11/15													
Compound[2]	A-1	A-2	A-3	A-4		B-2	B-3	B-4		C-1	C-2	C-3	C-4	
											1-5 Dil.			
GC-TCE (ppb)	ND	ND	ND	ND		ND	ND	ND		36	135	ND	43	
GC-Perc (ppb)	508	3600	258	533		1.3	492	372		6100	9800	719	1400	
HVV PID 1.5' depth (ppm)	14.7	28.3	3.4	22.7		7.5	5.5	14.5		6.4	10.8	7.1	18.3	
1.5' Background PID (ppm)	1.1	1.1	1.4	1.3		1.5	1.7	1.8		1.5	1.6	1.8	1.7	
HVV PID 4.0' depth (ppm)	11.2	8.6	1.6	3.7		1.6	1.8	1.8		12.2	16.4	3.4	6.1	
4.0' Background PID (ppm)	0.8	0.8	0.7	0.5		0.6	0.6	1.1		1.6	1.1	1.3	1.7	

	06/12/15												
Compound[2]	D-1	D-2	D-3	D-4		E-1	E-2		F-1	F-2		Blank		Dry Run
GC-TCE (ppb)	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND
GC-Perc (ppb)	265	210	46	60		103	74		24	16		ND		ND
HVV PID 1.5' depth (ppm)	9.4	6.2	5.6	3.0		10.3	6.7		6.2	7.8				
1.5' Background PID (ppm)	1.8	1.8	1.4	1.4		1.2	1.3		1.1	1.1				
HVV PID 4.0' depth (ppm)	6.1	5.1	1.5	1.4		3.1	1.2		0.8	0.9				
4.0' Background PID (ppm)	0.4	0.4	0.6	0.8		0.6	0.6		0.4	0.4				

GC = By portable gas chromatograph - PID
ND = Non-Detect, below the Method Detection Limit
XX GC result over 500 ppb
XX PID result over 10 ppm

Table 3
Summary of Metals Results (ppm)
Soil Borings
Tim Bayly Property

Parameter	MW-6 S-2 3-4′	MW-6 S-4 6-7′	MW-6 S-6 10-11′	MW-6 S-7 13-14′	MW-6 S-9A 16.5-17.5′	MW-6 S-9C 17.6-18′	MW-6 S-10 18.1-19′	MW-6 S-11 Dup of S-7	MW-7 S-2A 3-4′	MW-7 S-4 6.5-7.5′	MW-7 S-5 8.3-9.3′	MW-7 S-8 14.5-15.5′	MW-7 S-10 18.5-19.5′	MW-8 S-2 3-4′	MW-8 S-4 7-8,	MW-8 S-6B 11-12′	MW-8 S-8 15-16′	MW-8 S-10 19-20′	MW-8 S-11 Dup of S-10	MW-9 S-3 3-3.75′	MW-9 S-4 3.75-4.75′	MW-9 S-6 6-7′	MW-9 S-8 7.75-8.6′	MW-10 S-3 3-4′	MW-10 S-5 5-6′	MW-10 S-6 6-7′	MW-11 S-3 2-3′	MW-11 S-4 3-4′	MW-11 S-8 7-8′	MW-11 S-10 8.5-9.5′	MW-11 S-11 9.5-10.5′	MW-11 S-12 10.5-11.5′ Dup of S-8	6 NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective	6 NYCRR Part 375-6.8(b) Residential Use Soil Cleanup Objective
Aluminum	13800	21800	13700	29000	28600	24600	18400	29900	17400	19200	15600	18000	23200	10300	10400	19400	22800	30200	25200	20500	14000	11900	13200	19600	19800	14100	16600	18000	22600	22400	15200	20900	NA	NA
Antimony	<1.6	<1.9	<2.1	<2.5	<2.2	<2.2	<2.0	<2.3	<2.0 N	<1.9 N	<1.9 N	<2.1 N	<2.0 N J-	<1.7 N	<1.8 N	<2.0 N	<2.1 N	<2.1 N	<2.0 N	<1.9	<2.0	<2.0	<2.0	<2.1	<1.9	<1.9	<1.8	<1.9	<2.0	2.0	<1.7 J-	<2.3	NA	NA
Arsenic	6.3	7.5	3.5	6.9	6.4	9.0	8.2	9.5	8.2	13.5	5.9	7.3	8.2	5.2	5.2	7.5	7.1	7.6	8.4	7.3	5.3	4.1	6.9	9.0	7.6	6.8	7.2	8.0	8.6	7.4	5.8	8.6	13	16
Barium	98.9 N	159 N	63.7 N	166 N	192 N	166 N	133 N	191 N	135 N	147 N	103 N	113 N	172 N J-	54.8 N J-	50.9 N	118 N	95.89 N	240 N	201 N	144	101	85.9	120	127	111	135	130	136	194	154	117	148	350	350
Beryllium	0.69	1.15	0.66	1.66	1.48	1.30	0.92	1.61	1.00	0.95	0.77	1.04	1.26	0.53	0.54	1.16	1.18	1.56	1.25	1.22	0.80	0.72	0.75	1.08	1.19	0.89	0.99	1.13	1.30	1.34	0.77	1.24	7.2	14
Calcium	2600	29100	1310	20300	4910	15600	30700	5490	4740	19400	3100	24500	25300	20800	21400	14600	1530	23500	36000	7240	11300	3820	7850	3480	11000	2520	9890	7930	25700	15400	2010	12800	NA	NA
Cadmium	0.21 B	<0.39	<0.41	0.32	<0.44	0.44	0.19	<0.47	<0.40	0.24 B	<0.38	0.19 B	<0.40	0.21 B	0.20 B	0.17 B	<0.41	<0.43	0.16 B	<0.39	<0.40	<0.40	<0.41	<0.41	<0.38	0.74	<0.36	<0.39	<0.40	<0.41	<0.34	<0.45	2.5	2.5
Chromium	17.7	26.2	14.8	33.5	31.8	29.2	22.6	28.9	20.2	22.8	18.7	21.6	28.2	15.2	16.5	23.5	23.5	35.1	30.2	25.4	18.2	15.9	18.6	23.9	25.2	18.5	21.9	22.2	30.8	25.3	19.6	26.6	30	36
Cobalt	11.8	14.0	8.54	21.8	18.1	16.6	12.6	20.3	12.0	11.7	11.8	14.4	14.5	9.28	8.98	13.6	13.2	20.4	19.1	16.6	10.1	9.44	10.9	17.1	15.5	12.3	14.0	19.7	16.2	26.8	12.1	16.8	NA	30[CP-51]
Copper	29.3	32.8	26.3	39.4	37.6	29.6	30.5	36.1	31.9	41.1	36.0	28.3	38.9	27.9	26.5	28.9	26.7	42.1	35.6	31.4	27.1	20.1	35.0	36.3	31.3	32.4	51.9	59.9	66.4	34.2	33.4	41.1	50	270
Iron	**30000**	**36000**	**21400**	**58500**	**42800**	**36100**	**33600**	**50400**	**28400**	**33600**	**27900**	**34100**	**42200**	**23700**	**23600**	**35700**	**37800**	**44900**	**40500**	**35100**	**23800**	**19300**	**26700**	**30400**	**36200**	**26200**	**30400**	**31600**	**36500**	**36600**	**31700**	**36700**	NA	2,000[CP-51]
Lead	12.9	13.6	69.3	20.4	15.6	22.5	13.5	76.5	85.9	85.3	207	12.1	14.8	9.6	9.8	9.8	14.1	17.0	15.6	54.6	136	85.1	361	198	37.4	154	114	247	90.0	62.4	42.3J-	68.7	63	400
Magnesium	6050	9780	3280	9510	8260	8470	9560	8470	4500	7540	4650	9210	12000	8280	9520	7040	5140	13600	13200	6970	4650	3560	5000	4730	7340	4600	6520	5600	9270	8120	6300	7850	NA	NA
Manganese	834	563	661	**2260**	357	458	490	355	440	642	561	637	558 N J-	511	470	589	328	668	944	653	409	355	564	907	672	1070	1000	849	1010	975	888	804	1600	2000
Mercury	<0.02	0.02 B	0.07	0.10	0.68	0.05	0.04	0.06	0.17	0.24	0.35	0.03 B	0.03 N	<0.03	0.03 B	0.03 B	0.13	0.03 B	0.03 B	0.24	0.31	0.26	**3.06***	0.41	0.10	0.21	0.37	**1.72**	0.12	0.04	0.13	0.15	0.18	0.81
Nickel	23.6	28.3	13.9	38.3	36.7	30.5	30.6	38.2	24.8	25.9	22.2	26.8	35.1	20.4	20.7	26.5	23.7	39.8	35.2	29.8	20.0	17.8	21.6	23.5	28.7	24.5	28.0	25.1	35.8	32.0	25.3	33.1	30	140
Potassium	2040 N	4390 N	1700 N	5300 N	4720 N	3910 N	3590	4750 N	2790 N	3590 N	2340 N	3460 N	4780 J-	2160 N	2210 N	3420 N	3530 N	5840 N	4880 N	3520	2430	1910	2200	2780	3520	2570	3290	3250	4750	4470	2020 J-	4210	NA	NA
Selenium	<1.3	<1.5	<1.7	<2.0	<1.8	<1.8	<1.6	<1.9	<1.6	<1.5	<1.5	<1.7	<1.6	<1.4	<1.4	<1.6	<1.6	<1.7	<1.6	<1.5	<1.6	<1.6	<1.6	<1.6	<1.5	<1.5	<1.5	<1.5	<1.6	<1.6	<1.3	<1.8	3.9	36
Silver	<0.32	<0.39	<0.41	<0.49	<0.44	<0.44	<0.40	<0.47	<0.40	<0.38	<0.38	<0.43	<0.40	<0.35	<0.36	<0.39	<0.41	<0.43	<0.40	<0.39	<0.40	<0.40	<0.41	<0.41	<0.38	<0.38	<0.36	<0.39	<0.40	<0.41	<0.34	<0.45	2	36
Sodium	331 N	1590 N	824 N	1800 N	1170 N	747 N	601	1220 N	219 N	241 N	152 N	462 N	450 N J-	121 N J-	135 N	901 N	1050 N	1030 N	908 N	248	178	141	188	180	393	160	259	194	286	503	130 J-	341	NA	NA
Thallium	<1.3	<1.5	<1.7	<2.0	<1.8	<1.8	<1.6	<1.9	<1.6	<1.5	<1.5	<1.7	<1.6	<1.4	<1.4	<1.6	<1.6	<1.7	<1.6	<1.5	<1.6	<1.6	<1.6	<1.6	<1.5	<1.5	<1.5	<1.5	<1.6	<1.6	<1.3	<1.8	NA	NA
Vanadium	18.9	38.2	25.3	53.5	45.6	42.0	31.3	47.9	33.5	31.2	27.3	37.5	39.5	19.7	19.5	40.8	39.6	46.9	40.4	29.6	27.1	25.2	24.5	39.0	40.0	26.2	30.4	35.6	40.0	39.9	21.3	39.7	NA	NA
Zinc	73.6	76.9	50.3	106	97.2	82.2	66.4	103	95.7	98.1	86.9	72.9	84.3	56.4	56.9	72.5	65.9	93.0	80.6	88.2	81.0	62.2	102	150	85.4	410	108	127	108	95.5	86.1	105	109	2200

Shaded = Exceeds Unrestricted Soil Cleanup Objective (Table 375-6.8(a))

Bold = Exceeds Residential Soil Cleanup Objective (Table 375-6.8(b)) or CP-51

*= Exceeds Commerciall Soil Cleanup Objective (Table 375-6.8(b))

[CP-51] NYSDEC Guidance Document CP-51 Cleanup Objective for Residential Exposure

B = Compound was also present in method blank.

N = Concentration based on response of nearest internal.

J- = Estimated

Table 4A

Tim Bayly Property, VOC Concentrations in Subsurface Soil Samples (PPM)

Parameter	MW-6 S-2 4.0′	MW-6 S-4 6.0′	MW-6 S-6 10′	MW-6 S-7 13′	MW-6 S-9A 17.5′	MW-6 S-9C 17.6′	MW-6 S-10 18.1′	MW-6 S-11 Dup of S-7	MW-6 S-2 4.0′	MW-7 S-2A 3.5′	MW-7 S-4 7.5′	MW-7 S-5 9.0′	MW-7 S-8 14.5′	MW-7 S-10 19.5′	MW-8 S-2 3.0′	MW-8 S-4 8.0′	MW-8 S-6B 11′	6 NYCRR Part 375-6.8(a) Unrestricted Use SCO	6 NYCRR Part 375-6.8(b) Commercial Use SCO
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.68	500
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND		
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.27	240
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33	500
1,2,3-- Trichlorobenzene	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND		
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND		
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	500
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02	30
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	2.4	280
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.8	130
2-Hexanone	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND		
Acetone	ND	ND	0.043 JS	0.032 JS	0.035 JS	0.023 JS	0.026 JS	0.083 S	ND	ND	ND	ND	ND	ND	ND	0.008 JS	ND	0.05	500
Benzene	ND	ND	ND	**0.08 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.078 J**	ND	0.06	44
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Carbon Disulfide	ND	ND	ND	ND	ND	0.0021 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*	
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.76	22
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	500
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.37	350
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
cis-1,2-Dichloroethene	ND	ND	ND	ND	0.002 J	0.0028 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.25	500
Cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	390
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
m & p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26	500
Methyl ethyl ketone	ND	ND	0.012 J	0.0075 J	ND	ND	ND	0.017 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12	500
MTBE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.93	500
Methylacetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Methylcyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.05	500
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0023 J	0.170 J	ND	ND	0.700	**1.4**	0.0018 J	1.3	150
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7	500
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26	500
Trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.19	500
Trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Trichloroethene	ND	ND	ND	ND	0.002 J	0.0028 J	ND	ND	ND	ND	ND	0.016 J	ND	ND	ND	0.077	ND	0.47	200
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Trichlorofluoroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02	13

J-Estimated when compound is above MDL but below PQL(RL) Practical Quantitation Level or Reporting Level. S-Compound is a solvent used in laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.

Shaded-detected above MDL, **Bold**-Exceeds 6 NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective, *NYSDEC Guidance Document CP-51 Cleanup Objective for Residential Exposure and 2.7 ppm for protection of groundwater.

Table 4B

Tim Bayly Property, VOC Concentrations in Subsurface Soil Samples (PPM)

Parameter	MW-8 S-8 15′	MW-8 S-10 20′	MW-8 S-11 Dup of S-10	MW-9 S-3 3.5′	MW-9 S-4 4.0′	MW-9 S-6 6.5′	MW-9 S-8 8.0′	MW-10 S-3 3.5′	MW-10 S-5 5.5′	MW-10 S-6 6.5′	MW-10 S-10 9.5′	MW-11 S-3 2.5′	MW-11 S-4 3.5′	MW-11 S-8 7.5′	MW-11 S-10 9.0′	MW-11 S-11 10.0′	MW-11 S-12 Dup of S-8	6 NYCRR Part 375-6.8(a) Unrestricted Use SCO	6 NYCRR Part 375-6.8(b) Commercial Use SCO
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.68	500
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND		
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.27	240
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33	500
1,2,3-- Trichlorobenzene	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND		
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND		
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	500
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02	30
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	2.4	280
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.8	130
2-Hexanone	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND		
Acetone	0.027 JS	0.010 JS	ND	ND	ND	0.013 JS	ND	0.008 JS	0.041 JS	ND	ND	ND	ND	0.013 JS	ND	ND	ND	0.05	500
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06	44
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*	
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.76	22
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	500
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	0.00077 J	0.001 J	0.0011 J	ND	ND	ND	ND	ND	ND	0.37	350
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
cis-1,2-Dichloroethene	ND	0.035	0.028	0.0011 J	0.0025 J	0.080 J	**0.330**	0.0063 J	0.110 J	ND	**0.380**	ND	ND	ND	0.0016 J	0.00079 J	ND	0.25	500
Cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	390
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
m & p-Xylene	ND	ND	ND	ND	ND	ND	ND	0.0018 J	ND	ND	0.0014 J	ND	ND	ND	ND	ND	ND	0.26	500
Methyl ethyl ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12	500
MTBE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.93	500
Methylacetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Methylcyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	0.025 S	0.019 S	0.0093 S	0.0061 S	0.0069 S	0.007 S	ND	0.0077 S	ND	0.05	500
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Tetrachloroethene	ND	0.0018 J	0.0017 J	1.0	**2.6**	0.320	0.130 J	**1.7**	**1.5**	**6.3**	**4.4**	0.0028 J	0.150 J	0.270 J	0.370	0.460	0.100 J	1.3	150
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7	500
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26	500
Trans-1,2-Dichloroethene	ND	1.3 J	ND	ND	ND	1.0 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.19	500
Trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Trichloroethene	ND	0.0089	0.0085	0.0033 J	0.064 J	0.081 J	0.180 J	0.120 J	0.220 J	**1.1**	**0.710**	ND	0.00086 J	ND	0.082 J	0.100 J	0.0015 J	0.47	200
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Trichlorofluoroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Vinyl Chloride	ND	ND	ND	ND	ND	0.003 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02	13

J-Estimated when compound is above MDL but below PQL(RL) Practical Quantitation Level or Reporting Level. S-Compound is a solvent used in laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.

Shaded-detected above MDL, **Bold**-Exceeds 6 NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective. *NYSDEC Guidance Document CP-51 Cleanup Objective for Residential Exposure and 2.7 ppm for protection of groundwater.

Table 5
Summary of PCBs and Pesticides (ppm)
Subsurface Soil Samples-Soil Borings
Tim Bayly Property

Parameter	MW-6 S-2 3-4′	MW-6 S-4 6-7′	MW-6 S-6 10-11′	MW-6 S-7 13-14′	MW-6 S-9A 16.5-17.5′	MW-6 S-9C 17.6-18′	MW-6 S-10 18.1-19′	MW-6 S-11 Dup of S-7	MW-7 S-2A 3-4′	MW-7 S-4 6.5-7.5′	MW-7 S-5 8.3-9.3′	MW-7 S-8 14.5-15.5′	MW-7 S-10 18.5-19.5′	MW-8 S-2 3-4′	MW-8 S-4 7-8,	MW-8 S-6B 11-12′	MW-8 S-8 15-16′	MW-8 S-10 19-20′	MW-8 S-11 Dup of S-10	MW-9 S-3 3-3.75′	MW-9 S-4 3.75-4.75′	MW-9 S-6 6-7′	MW-9 S-8 7.75-8.6′	MW-10 S-3 3-4′	MW-10 S-5 5-6′	MW-10 S-6 6-7′	MW-11 S-3 2-3′	MW-11 S-4 3-4′	MW-11 S-8 7-8′	MW-11 S-10 8.5-9.5′	MW-11 S-11 9.5-10.5′	MW-11 S-12 10.5-11.5′ Dup of S-8	6 NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective
PCBs																																	
PCB-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.1
PCB-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.1
PCB-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.1
PCB-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.1
PCB-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.1
PCB-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.1
PCB-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.1
PCB-1262	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.1
PCB-1268	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.1
PESTICIDES																																	
4,4' -DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.0033
4,4' -DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.0033
4,4' -DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0055**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.0033
a-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.02
a-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.039T	INS	ND	ND	ND	ND	ND	ND	0.094
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.005
b-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.036
Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.190	INS	ND	ND	ND	ND	ND	ND	0.094
d-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.04
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.005
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	2.4
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	2.4
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	2.4
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.014
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	NA
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	NA
g-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	NA
g-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.026T	INS	ND	ND	ND	ND	ND	ND	0.54*
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.042
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	0.077*
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	100*
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	INS	ND	ND	ND	ND	ND	ND	NA

INS=Boring Refusal, Insufficient Sample for Analysis Shaded = Detected above MDL, T = Tentatively Identified

Bold = Exceeds Unrestricted Soil Cleanup Objective (Table 375-6.8(a))

*NYSDEC Guidance Document CP-51 Cleanup Objective for Residential Exposure

Table 6A
Subsurface Soil Samples from Soil Borings
Semi-Volatile Organic Compounds Analytical Results (parts per million)

Parameter	MW-6 S-2 3.0-4.0'	MW-6 S-4 6.0-7.0'	MW-6 S-6 10-11'	MW-6 S-7 13-14'	MW-6 S-9A 16.5-17.5'	MW-6 S-9C 17.6-18'	MW-6 S-10 18.1-19'	MW-6 S-11 Dup of S-7	MW-7 S-2A 3.0-4.0'	MW-7 S-4 6.5-7.5'	MW-7 S-5 8.3-9.3'	MW-7 S-8 14.5-15.5'	MW-7 S-10 18.5-19.5'	MW-8 S-2 3.0-4.0'	MW-8 S-4 7.0-8.0'	MW-8 S-6B 11-12'	6 NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective
1,1-Biphenyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2,3,4,6-tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.03*
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41*
2-Methylphenol (o-cresol)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
3&4-Methylphenol (m&p-cresol)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Acetophenone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benz(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
Benzaldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8
Benzyl butyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bis(2-ethylhexyl)phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Diethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*
Di-n-butylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41*
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.7*
N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100

*NYSDEC Guidance Document CP-51 Cleanup Objective for Residential Exposure

Table 6B
Soil Borings
Semi-Volatile Organic Compounds Analytical Results (parts per million)

Parameter	MW-8 S-8 15-16'	MW-8 S-10 19-20'	MW-8 S-11 Dup of S-10	MW-9 S-3 3.0-3.75'	MW-9 S-4 3.75-4.75'	MW-9 S-6 6-7'	MW-9 S-8 7.75-8.0'	MW-10 S-3 3.0-4.0'	MW-10 S-5 5.0-6.0'	MW-10 S-6 6.0-7.0'	MW-10 S-10 9.0-10.0'	MW-11 S-3 2.0-3.0'	MW-11 S-4 3.0-4.0'	MW-11 S-8 7.0-8.0'	MW-11 S-10 8.5-9.5'	MW-11 S-11 9.5-10.5'	MW-11 S-12 Dup of S-8	6 NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective
1,1-Biphenyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2,3,4,6-tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.03*
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	0.410	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41*
2-Methylphenol (o-cresol)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
3&4-Methylphenol (m&p-cresol)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Acetophenone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benz(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
Benzaldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8
Benzyl butyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bis(2-ethylhexyl)phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Diethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*
Di-n-butylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41*
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100*
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.7*
N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Phenanthrene	ND	ND	ND	ND	ND	ND	0.130 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100

Shaded – Above MDL, **Bold** – exceeds 6 NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective, *NYSDEC Guidance Document CP-51 Cleanup Objective for Residential Exposure

Table 7
Summary of Metals Results (parts per million)
Tim Bayly Property
Surface Soil Samples

Parameter	Surface Soil Sample A	Surface Soil Sample B	6 NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective	6 NYCRR Part 375-6.8(b) Residential Use Soil Cleanup Objective	6 NYCRR Part 375-6.8(b) Commercial Use Soil Cleanup Objective
Matrix	*Soil*	*Soil*	*Soil*	*Soil*	*Soil*
Aluminum	10700	10500	NA	NA	NA
Antimony	<1.9 U	<1.8 U	NA	NA	NA
Arsenic	7.6	6.8	13	16	16
Barium	243 N	179 N	350	350	400
Beryllium	0.65	0.57	7.2	14	590
Calcium	13500	13500	NA	NA	NA
Cadmium	1.10	0.79	2.5	2.5	9.3
Chromium	**102**	20.9	30	36	1500
Cobalt	9.93	9.04	NA	30*	NA
Copper	98.6	46.8	50	270	270
Iron	**23900***	**24500***	NA	2,000*	NA
Lead	**887**	292	63	400	1000
Magnesium	5910	4990	NA	NA	NA
Manganese	480	442	1600	2000	10000
Mercury	**0.87**	0.34	0.18	0.81	2.8
Nickel	22.9	21.5	30	140	310
Potassium	2200 N	1780 N	NA	NA	NA
Selenium	<1.6 U	<1.4 U	3.9	36	1500
Silver	<0.39 U	<0.36	2	36	1500
Sodium	137 N	111 N	NA	NA	NA
Thallium	<1.6 U	<1.4 U	NA	NA	NA
Vanadium	26.0	23.0	NA	100*	NA
Zinc	274	211	109	2200	10000

Shaded = Exceeds Unrestricted Soil Cleanup Objective (Table 375-6.8(a))

Bold = Exceeds Residential Soil Cleanup Objective, but meets Commercial Soil Cleanup Objective (Table 375-6.8(b))

*NYSDEC Guidance Document CP-51 Cleanup Objective for Residential Exposure

Bold* = Exceeds CP-51 Cleanup Objective for Residential Exposure

B = Compound was also present in method blank.

N = Concentration based on response of nearest internal.

U = The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.

Table 8
Summary of Volatile Organic Compound Results (parts per million)
Tim Bayly Property
Surface Soil Samples

Parameter	S-A	S-B	6 NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective
1,1,1-Trichloroethane	ND	ND	0.68
1,1,2,2-Tetrachloroethane	ND	ND	
1,1,2-Trichloroethane	ND	ND	
1,1-Dichloroethane	ND	ND	0.27
1,1-Dichloroethene	ND	ND	0.33
1,2,3-- Trichlorobenzene	ND	ND	
1,2,4-- Trichlorobenzene	ND	ND	
1,2-Dibromo-3-chloropropane	ND	ND	
1,2-Dibromoethane	ND	ND	
1,2-Dichlorobenzene	ND	ND	1.1
1,2-Dichloroethane	ND	ND	0.02
1,2-Dichloropropane	ND	ND	
1,3-Dichlorobenzene	ND	ND	2.4
1,4-Dichlorobenzene	ND	ND	1.8
2-Hexanone	ND	ND	
4-Methyl-2-pentanone	ND	ND	
Acetone	ND	ND	0.05
Benzene	ND	ND	0.06
Bromochloromethane	ND	ND	
Bromodichloromethane	ND	ND	
Bromoform	ND	ND	
Bromomethane	ND	ND	
Carbon Disulfide	ND	ND	100*
Carbon Tetrachloride	ND	ND	0.76
Chlorobenzene	ND	ND	1.1
Chloroform	ND	ND	0.37
Chloromethane	ND	ND	
cis-1,2-Dichloroethene	ND	ND	0.25
Cis-1,3-Dichloropropene	ND	ND	
Cyclohexane	ND	ND	
Dibromochloromethane	ND	ND	
Dichlorodifluoromethane	ND	ND	
Ethylbenzene	ND	ND	1
Isopropylbenzene	ND	ND	
m & p-Xylene	ND	ND	0.26
Methyl ethyl ketone	ND	ND	0.12
MTBE	ND	ND	0.93
Methylacetate	ND	ND	
Methylcyclohexane	ND	ND	
Methylene chloride	ND	ND	0.05
Styrene	ND	ND	
Tetrachloroethene	ND	ND	1.3
Toluene	ND	ND	0.7
Total Xylenes	ND	ND	0.26
Trans-1,2-Dichloroethene	ND	ND	0.19
Trans-1,3-Dichloropropene	ND	ND	
Trichloroethene	ND	ND	0.47
Trichlorofluoromethane	ND	ND	
Trichlorofluoroethane	ND	ND	
Vinyl Chloride	ND	ND	0.02

*NYSDEC Guidance Document CP-51 Cleanup Objective for Residential Exposure and 2.7 ppm for protection of groundwater.

Table 9
Surface Soil Samples
Summary of Analytical Results
PCB and Pesticide Compound Results (parts per million)
Tim Bayly Property

Parameter	Soil Sample A	Soil Sample B	6 NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective	6 NYCRR Part 375-6.8(b) Residential Use Soil Cleanup Objective	6 NYCRR Part 375-6.8(b) Commercial Use Soil Cleanup Objective
Matrix	*Soil*	*Soil*	*Soil*		
POLYCHLORINATED BIPHENYLS					
PCB-1016	ND	ND	0.1	1	1
PCB-1221	ND	ND	0.1	1	1
PCB-1232	ND	ND	0.1	1	1
PCB-1242	ND	ND	0.1	1	1
PCB-1248	ND	ND	0.1	1	1
PCB-1254	ND	ND	0.1	1	1
PCB-1260	0.085	ND	0.1	1	1
PCB-1262	ND	ND	0.1	1	1
PCB-1268	ND	ND	0.1	1	1
PESTICIDES					
4,4' -DDD	ND	ND	0.0033	2.6	92
4,4' -DDE	0.037	1.700	0.0033	1.8	62
4,4' -DDT	0.140	**2.500**	0.0033	1.7	47
a-BHC	ND	ND	0.02	0.097	3.4
a-Chlordane	ND	ND	0.094	0.91	24
Aldrin	ND	ND	0.005	0.019	0.68
b-BHC	ND	ND	0.036	0.072	3
d-BHC	ND	ND	0.04	100	500
Dieldrin	ND	ND	0.005	0.039	1.4
Endosulfan I	ND	ND	2.4	4.8	200
Endosulfan II	ND	ND	2.4	4.8	200
Endosulfan sulfate	ND	ND	2.4	4.8	200
Endrin	ND	ND	0.014	2.2	89
Endrin aldehyde	ND	ND	NA	NA	NA
Endrin ketone	ND	ND	NA	NA	NA
g-BHC	ND	ND	NA	NA	NA
g-Chlordane	ND	ND	NA	NA	NA
Heptachlor	ND	ND	0.042	0.42	15
Heptachlor epoxide	ND	ND	NA	NA	NA
Methoxychlor	ND	ND	NA	NA	NA
Toxaphene	ND	ND	NA	NA	NA

Shaded-Exceeds 6 NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective.
Bold- Exceeds 6 NYCRR Part 375-6.8(b) Residential Use Soil Cleanup Objective.

Table 10
Surface Soil Samples
Semi-Volatile Organic Compounds Analytical Results (parts per million)

Parameter	Soil Sample A	Soil Sample B	6 NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective
1,1-Biphenyl	ND	ND	
1,2,4,5-Tetrachlorobenzene	ND	ND	
2,3,4,6-tetrachlorophenol	ND	ND	
2,4,5-Trichlorophenol	ND	ND	100*
2,4,6-Trichlorophenol	ND	ND	
2,4-Dichlorophenol	ND	ND	100*
2,4-Dimethylphenol	ND	ND	
2,4-Dinitrophenol	ND	ND	100*
2,4-Dinitrotoluene	ND	ND	
2,6-Dinitrotoluene	ND	ND	1.03*
2-Chloronaphthalene	ND	ND	
2-Chlorophenol	ND	ND	100*
2-Methylnaphthalene	ND	ND	0.41*
2-Methylphenol (o-cresol)	ND	ND	
2-Nitroaniline	ND	ND	
2-Nitrophenol	ND	ND	
3&4-Methylphenol (m&p-cresol)	ND	ND	
3,3'-Dichlorobenzidine	ND	ND	
3-Nitroaniline	ND	ND	
4,6-Dinitro-2-methylphenol	ND	ND	
4-Bromophenyl phenyl ether	ND	ND	
4-Chloro-3-methylphenol	ND	ND	
4-Chloroaniline	ND	ND	100*
4-Chlorophenyl phenyl ether	ND	ND	
4-Nitroaniline	ND	ND	
4-Nitrophenol	ND	ND	
Acenaphthene	ND	ND	20
Acenaphthylene	ND	ND	100
Acetophenone	ND	ND	
Anthracene	ND	0.140 J	100
Atrazine	ND	ND	
Benz(a)anthracene	0.590	0.490	1
Benzaldehyde	ND	ND	
Benzo(a)pyrene	0.570	0.500	1
Benzo(b)fluoranthene	0.690	0.690	1
Benzo(ghi)perylene	0.340	0.340	100
Benzo(k)fluoranthene	0.530	0.460	0.8
Benzyl butyl phthalate	ND	ND	100*
Bis(2-chloroethoxy)methane	ND	ND	
Bis(2-chloroethyl)ether	ND	ND	
Bis(2-chloroisopropyl)ether	ND	ND	
Bis(2-ethylhexyl)phthalate	0.290	0.280	50*
Caprolactam	ND	ND	
Carbazole	ND	ND	
Chrysene	0.870	0.690	1
Dibenz(a,h)anthracene	ND	ND	0.33
Dibenzofuran	ND	ND	
Diethyl phthalate	ND	ND	
Dimethylphthalate	ND	ND	100*
Di-n-butylphthalate	ND	ND	
Di-n-octylphthalate	ND	ND	100*
Fluoranthene	1.1	1.2	100
Fluorene	ND	ND	30
Hexachlorobenzene	ND	ND	0.41*
Hexachlorobutadiene	ND	ND	
Hexachlorocyclopentadiene	ND	ND	
Hexachloroethane	ND	ND	
Indeno(1,2,3-cd)pyrene	0.350	0.340	0.5
Isophorone	ND	ND	100*
Naphthalene	ND	ND	12
Nitrobenzene	ND	ND	3.7*
N-Nitrosodimethylamine	ND	ND	
N-Nitrosodi-n-propylamine	ND	ND	
N-Nitrosodiphenylamine	ND	ND	
Pentachlorophenol	ND	ND	
Phenanthrene	0.540	0.860	100
Phenol	ND	ND	0.33
Pyrene	1.2	1.1	100

J-Estimated Below Reporting Level, Shaded-Exceeds 6 NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective, *NYSDEC Guidance Document CP-51 Cleanup Objective for Residential Exposure

Table 11
Summary of PCB and Pesticide Results (parts per billion)
Tim Bayly Property
Groundwater Samples

Parameter	MW-01	MW-03	MW-04	MW-05	MW-06	MW-07	MW-08	MW-09	MW-10	MW-11	MW-12 (Dup of MW-8)	6 NYCRR Part 703 Groundwater Standards
POLYCHLORINATED BIPHENYLS												
PCB-1016	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.09*
PCB-1221	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.09*
PCB-1232	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.09*
PCB-1242	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.09*
PCB-1248	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.09*
PCB-1254	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.09*
PCB-1260	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.09*
PCB-1262	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.09*
PCB-1268	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.09*
PESTICIDES												
4,4' -DDD	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.3
4,4' -DDE	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.2
4,4' -DDT	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.2
a-BHC	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.01
a-Chlordane	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.05
Aldrin	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	ND
b-BHC	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.04
d-BHC	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.04
Dieldrin	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.004
Endosulfan I	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	NA
Endosulfan II	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	NA
Endosulfan sulfate	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	NA
Endrin	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	ND
Endrin aldehyde	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	5
Endrin ketone	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	5
g-BHC	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.05
g-Chlordane	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.05
Heptachlor	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.04
Heptachlor epoxide	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.03
Methoxychlor	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	35
Toxaphene	ND	NS	NS	NS	NS	ND	ND	NS	NS	NS	ND	0.06

NS-Not Sampled; *-sum of all PCBs

Table 12
Groundwater Sample Results
Semi-Volatile Organic Compounds Analytical Results (parts per billion)

Parameter	MW -1	MW -3	MW -4	MW -5	MW -6	MW -7	MW -8	MW -9	MW -10	MW -11	MW-12 (Dup of MW-8)	6 NYCRR Part 703 Groundwater Standards
1,1-Biphenyl	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	5
1,2,4,5-Tetrachlorobenzene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	
2,3,4,6-tetrachlorophenol	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	
2,4,5-Trichlorophenol	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	1*
2,4,6-Trichlorophenol	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	1*
2,4-Dichlorophenol	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	1*
2,4-Dimethylphenol	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	1*
2,4-Dinitrophenol	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	1*
2,4-Dinitrotoluene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	5
2,6-Dinitrotoluene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	5
2-Chloronaphthalene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	10
2-Chlorophenol	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	10
2-Methylnaphthalene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	
2-Methylphenol (o-cresol)	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	1*
2-Nitroaniline	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	5
2-Nitrophenol	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	1*
3&4-Methylphenol (m&p-cresol)	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	
3,3'-Dichlorobenzidine	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	5
3-Nitroaniline	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	5
4,6-Dinitro-2-methylphenol	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	1*
4-Bromophenyl phenyl ether	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	
4-Chloro-3-methylphenol	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	1*
4-Chloroaniline	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	5
4-Chlorophenyl phenyl ether	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	
4-Nitroaniline	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	5
4-Nitrophenol	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	1*
Acenaphthene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	20
Acenaphthylene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	
Acetophenone	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	
Anthracene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	50
Atrazine	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	7.5
Benz(a)anthracene	ND	NS	0.10	NS	NS	ND	ND	NS	NS	NS	ND	0.002
Benzaldehyde	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	
Benzo(a)pyrene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	ND
Benzo(b)fluoranthene	ND	NS	0.03	NS	NS	ND	ND	NS	NS	NS	ND	0.002
Benzo(ghi)perylene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	
Benzo(k)fluoranthene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	0.002
Benzyl butyl phthalate	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	
Bis(2-chloroethoxy)methane	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	5
Bis(2-chloroethyl)ether	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	1
Bis(2-chloroisopropyl)ether	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	
Bis(2-ethylhexyl)phthalate	ND	NS	1.1	NS	NS	ND	1.2	NS	NS	NS	0.42	5
Caprolactam	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	
Carbazole	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	
Chrysene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	0.002
Dibenz(a,h)anthracene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	
Dibenzofuran	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	
Diethylphthalate	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	50
Dimethylphthalate	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	50
Di-n-butylphthalate	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	50
Di-n-octylphthalate	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	50
Fluoranthene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	50
Fluorene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	50
Hexachlorobenzene	ND	NS	ND	NS	NS	ND	0.06	NS	NS	NS	ND	0.04
Hexachlorobutadiene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	0.5
Hexachlorocyclopentadiene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	5
Hexachloroethane	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	5
Indeno(1,2,3-cd)pyrene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	0.002
Isophorone	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	50
Naphthalene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	10
Nitrobenzene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	0.4
N-Nitrosodimethylamine	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	
N-Nitrosodi-n-propylamine	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	
N-Nitrosodiphenylamine	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	50
Pentachlorophenol	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	1*
Phenanthrene	ND	NS	0.13	NS	NS	ND	ND	NS	NS	NS	ND	50
Phenol	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	1*
Pyrene	ND	NS	ND	NS	NS	ND	ND	NS	NS	NS	ND	50

NS-Not Sampled; Shaded-exceeds groundwater standard; * Total of all phenolic compounds.

Table 13
Summary of TAL Metals Compound Results (parts per million)
Tim Bayly Property
Groundwater Samples

Parameter	MW-01	MW-03	MW-04	MW-05	MW-06	MW-07	MW-08	MW-09	MW-10	MW-11	MW-12 (Dup of MW-8)	6 NYCRR Part 703 Groundwater Standards
Aluminum	11.0	NS	NS	NS	NS	9.80E	57.4	NS	NS	NS	52.6	NA
Aluminum (Dissolved)	0.052	NS	0.48	NS	NS	0.091	<0.011	NS	NS	NS	<0.011	
Antimony	<0.002	NS	NS	NS	NS	<0.002	<0.002	NS	NS	NS	<0.002	0.003
Antimony (Dissolved)	<0.003	NS	<0.005	NS	NS	<0.003	0.003	NS	NS	NS	0.004	
Arsenic LDL	0.009	NS	NS	NS	NS	0.007	0.020	NS	NS	NS	0.015	0.025
Arsenic (Dissolved)	0.002	NS	<0.004	NS	NS	0.001	<0.003	NS	NS	NS	0.001	
Barium	0.232	NS	NS	NS	NS	0.220	0.694	NS	NS	NS	0.620	1.0
Barium (Dissolved)	0.122	NS	0.402	NS	NS	0.071	0.201	NS	NS	NS	0.195	
Beryllium	<0.001	NS	NS	NS	NS	<0.001	0.001	NS	NS	NS	<0.001	0.003
Beryllium (Dissolved)	<0.001	NS	<0.001	NS	NS	<0.001	<0.001	NS	NS	NS	<0.001	
Calcium	59.0	NS	NS	NS	NS	65.6	150	NS	NS	NS	136	NA
Calcium (Dissolved)	44.2	NS	312	NS	NS	61.9	111	NS	NS	NS	109	
Cadmium	<0.004	NS	NS	NS	NS	<0.004	0.003	NS	NS	NS	0.002	0.005
Cadmium (Dissolved)	<0.004	NS	<0.001	NS	NS	61.9	<0.004	NS	NS	NS	<0.004	
Chromium	0.015	NS	NS	NS	NS	0.010	0.161	NS	NS	NS	0.137	0.050
Chromium (Dissolved)	<0.001	NS	<0.001	NS	NS	<0.001	<0.001	NS	NS	NS	<0.001	
Cobalt	0.007	NS	NS	NS	NS	0.003	0.017	NS	NS	NS	0.013	NA
Cobalt (Dissolved)	<0.005	NS	0.005	NS	NS	<0.005	<0.005	NS	NS	NS	<0.005	
Copper	0.018	NS	NS	NS	NS	0.011	0.081	NS	NS	NS	0.036	0.2
Copper (Dissolved)	<0.005	NS	0.002	NS	NS	0.003	0.002	NS	NS	NS	0.003	
Iron	15.4	NS	NS	NS	NS	5.46	58.0	NS	NS	NS	47.0	0.3
Iron (Dissolved)	0.12	NS	0.020	NS	NS	<0.01	<0.01	NS	NS	NS	<0.01	
Lead	0.016	NS	NS	NS	NS	0.024	0.071	NS	NS	NS	0.060	0.025
Lead (Dissolved)	0.002	NS	0.002	NS	NS	<0.002	<0.002	NS	NS	NS	<0.002	
Magnesium	102	NS	NS	NS	NS	165	93.6	NS	NS	NS	85.3	35
Magnesium (Dissolved)	89.4	NS	102	NS	NS	146	82.7	NS	NS	NS	80.5	
Manganese	0.743	NS	NS	NS	NS	0.218	1.54	NS	NS	NS	1.31	0.3
Manganese (Dissolved)	0.471	NS	2.08	NS	NS	0.077	0.487	NS	NS	NS	0.479	
Mercury	<0.0002	NS	NS	NS	NS	<0.0002	<0.0002	NS	NS	NS	<0.0002	0.0007
Mercury (Dissolved)	<0.0002	NS	<0.0002	NS	NS	<0.0002	<0.0002	NS	NS	NS	<0.0002	
Nickel	0.016	NS	NS	NS	NS	0.006	0.055	NS	NS	NS	0.045	0.1
Nickel (Dissolved)	0.002	NS	0.006	NS	NS	<0.004	<0.004	NS	NS	NS	<0.004	
Potassium	19.3	NS	NS	NS	NS	7.9	19.5	NS	NS	NS	18.1	NA
Potassium (Dissolved)	15.1	NS	16.0	NS	NS	7.6	7.7	NS	NS	NS	7.6	
Selenium	<0.002	NS	NS	NS	NS	<0.002	<0.002	NS	NS	NS	<0.002	0.01
Selenium (Dissolved)	<0.004	NS	<0.002	NS	NS	<0.004	<0.004	NS	NS	NS	<0.004	
Silver	<0.005	NS	NS	NS	NS	0.002	0.004	NS	NS	NS	0.003	0.05
Silver (Dissolved)	<0.005	NS	0.001	NS	NS	0.002	0.002	NS	NS	NS	0.003	
Sodium	97.3	NS	NS	NS	NS	101	766	NS	NS	NS	743	20
Sodium (Dissolved)	92.1	NS	626	NS	NS	97.8	722	NS	NS	NS	690	
Thallium	<0.001	NS	NS	NS	NS	<0.001	<0.001	NS	NS	NS	<0.001	0.0005
Thallium (Dissolved)	<0.001	NS	<0.002	NS	NS	<0.001	<0.001	NS	NS	NS	<0.001	
Vanadium	0.018	NS	NS	NS	NS	0.010	0.081	NS	NS	NS	0.069	NA
Vanadium (Dissolved)	<0.011	NS	<0.002	NS	NS	<0.011	<0.011	NS	NS	NS	<0.011	
Zinc	0.055	NS	NS	NS	NS	0.034	0.136	NS	NS	NS	0.108	2.0
Zinc (Dissolved)	0.002	NS	0.011	NS	NS	0.005	0.005	NS	NS	NS	0.004	

Shaded –Exceeds 6 NYCRR Part 703 Groundwater Standards; F-Drinking water standard for aesthetics; *-Drinking Water Standard, E = Esitmated

Table 14
Summary of Volatile Organic Compound Results (parts per billion)
Tim Bayly Property
Groundwater Samples

Parameter	MW-01	MW-03	MW-04	MW-05	MW-06	MW-07	MW-08	MW-09	MW-10	MW-11	MW-12 (Dup of MW-8)	6 NYCRR Part 703 Groundwater Standards
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	1
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
1,2,3-- Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
1,2,4-- Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	0.04
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	0.0006
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	3
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	0.6
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	1
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	3
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	50
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	-
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	7.4S	NS	ND	50
Benzene	ND	ND	ND	ND	ND	ND	ND	0.61J	ND	NS	ND	1
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	50
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	50
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
Carbon Disulfide	ND	ND	ND	ND	0.40J	ND	ND	ND	ND	NS	ND	60
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
Chloroform	ND	ND	ND	1.2J	ND	ND	0.28J	ND	0.27J	NS	ND	7
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
cis-1,2-Dichloroethene	ND	ND	0.88J	34	1.7	ND	210E	14	56	NS	140	5
Cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	0.4
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	-
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	50
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
m & p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
Methyl ethyl ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	50
MTBE	ND	ND	ND	ND	0.54J	ND	ND	ND	ND	NS	ND	10
Methylacetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
Methylcyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
Tetrachloroethene	ND	ND	1.1	73	0.30J	ND	9.0	200	14	NS	8.0	5
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
Trans-1,2-Dichloroethene	ND	ND	ND	3.1	ND	ND	2.3	ND	ND	NS	2.0	5
Trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	0.4
Trichloroethene	ND	ND	ND	37	0.47	ND	34E	16	10	NS	26	5
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
Trichlorofluoroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	5
Vinyl Chloride	ND	ND	ND	2.6	3.5	ND	0.44	0.73	ND	NS	0.38J	2

E-Estimated, Result above calibration range, J-Estimated Below Reporting Level, Shaded –Exceeds 6 NYCRR Part 703 Groundwater Standards
S-Solvent used in laboratory

Table 15
800 BROADWAY RENNSELEAR, NY
RESULTS SUMMARY OF SLUG AND BAIL TESTING AT MW-5
TESTING CONDUCTED ON 2/22/16
HYDRAULIC CONDUCTIVITY (K) IN GAL/DAY/FT^2

----------	K Value Test #1	K Value Test #2	K Value Test #3	Geometric Mean gal/day/ft^2
Slug-In Bouwer-Rice	2.13	1.92	1.05	1.63
Slug-In Hvorslev	3.55	3.21	1.75	2.71
Slug-Out Bouwer-Rice	0.44	0.31	0.39	0.38
Slug-Out Hvorslev	0.74	0.52	0.65	0.63
Geometric Mean				**1.01**

Table 16
Summary of Volatile Organic Compound TO-15 Results (ug/m^3)
1 Partition Street

Parameter	SS-1	IA-1	IA-3 (Dup of IA-1)	SS-2	IA-2	OA-1
1,1,1-Trichloroethane	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
1,1,2,2-Tetrachloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
1,1-Dichloroethane	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61
1,1-Dichloroethene	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59
1,2,4-- Trichlorobenzene	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
1,2,4-Trimethylbenzene	4.5	0.84	0.79	5.0	2.1	0.59 J
1,2-Dibromoethane	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
1,2-Dichlorobenzene	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90
1,2-Dichloroethane	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61
1,2-Dichloropropane	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69
1,3,5-Trimethylbenzene	2.1	<0.74	<0.74	2.1	0.93	<0.74
1,3-butadiene	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,3-Dichlorobenzene	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90
1,4-Dichlorobenzene	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90
1,4-Dioxane	<1.1	<1.1	<1.1	<1.1	0.50 J	<1.1
2,2,4-trimethylpentane	<0.70	0.65 J	0.70	0.70	2.4	0.70
4-ethyltoluene	1.4	<0.74	<0.74	1.6	0.54 J	<1.1
Acetone	34	10	9.9	43	7.8	6.2
Allyl chloride	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
Benzene	1.5	1.1	1.1	1.9	1.1	1.1
Benzl chloride	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
Bromodichloromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Bromomethane	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
Carbon Disulfide	1.1	<0.47	<0.47	<0.47	<0.47	<0.47
Carbon Tetrachloride	<0.94	0.57	0.57	<0.94	0.57	0.57
Chlorobenzene	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69
Chloroethane	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chloroform	0.63 J	<0.73	<0.73	0.68 J	<0.73	<0.73
Chloromethane	<0.31	1.1	1.1	0.37	1.4	1.1
cis-1,2-Dichloroethene	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59
cis-1,3-Dichloropropene	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68
Cyclohexane	<0.52	1.6	1.1	5.4	1.1	1.2
Dibromochloromethane	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
Ethyl acetate	1.6	14	<0.90	2.8	<0.90	<0.90
Ethylbenzene	3.0	0.56 J	0.56 J	3.4	0.78	0.52
Freon 11	2.1	2.0	2.0	2.9	2.1	1.9
Freon 113	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
Freon 114	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Freon 12	2.8	3.0	3.0	2.8	3.0	2.9
Heptane	<0.61	1.9	1.9	3.7	2.0	1.3
Hexachloro-1,3-butadiene	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Hexane	<0.53	1.4	1.6	<0.53	1.6	1.4
Isopropyl alcohol	4.4	3.0	4.5	7.6	2.2	2.9
m & p-Xylene	12	2.0	1.9	12	2.6	1.6
Methyl Butyl Ketone	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
Methyl Ethyl Ketone	9.4	1.9	1.6	8.0 J	1.5	0.88
Methyl Isobutyl Ketone	1.3	<1.2	<1.2	1.3	<1.2	<1.2
Methyl tert-butyl ether	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
Methylene chloride	0.76	1.1	1.3	4.5	0.97	1.0
o-Xylene	3.7	0.56 J	0.74	3.4	1.0	0.61 J
Propylene	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26
Styrene	6.2	<0.64	<0.64	3.9	<0.64	<0.64
Tetrachloroethene	2.2	0.68 J	0.75 J	17	1.6	<1.0
Tetrahydrofuran	5.7	0.53	0.83	5.7	0.53	0.80
Toluene	9.0	17	16	12	18	2.3
Trans-1,2-Dichloroethene	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59
Trans-1,3-Dichloropropene	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68
Trichloroethene	<0.81	<0.21	<0.21	<0.81	<0.21	<0.21
Vinyl Acetate	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Vinyl Bromide	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66
Vinyl Chloride	<0.38	<0.10	<0.10	<0.38	<0.10	<0.10

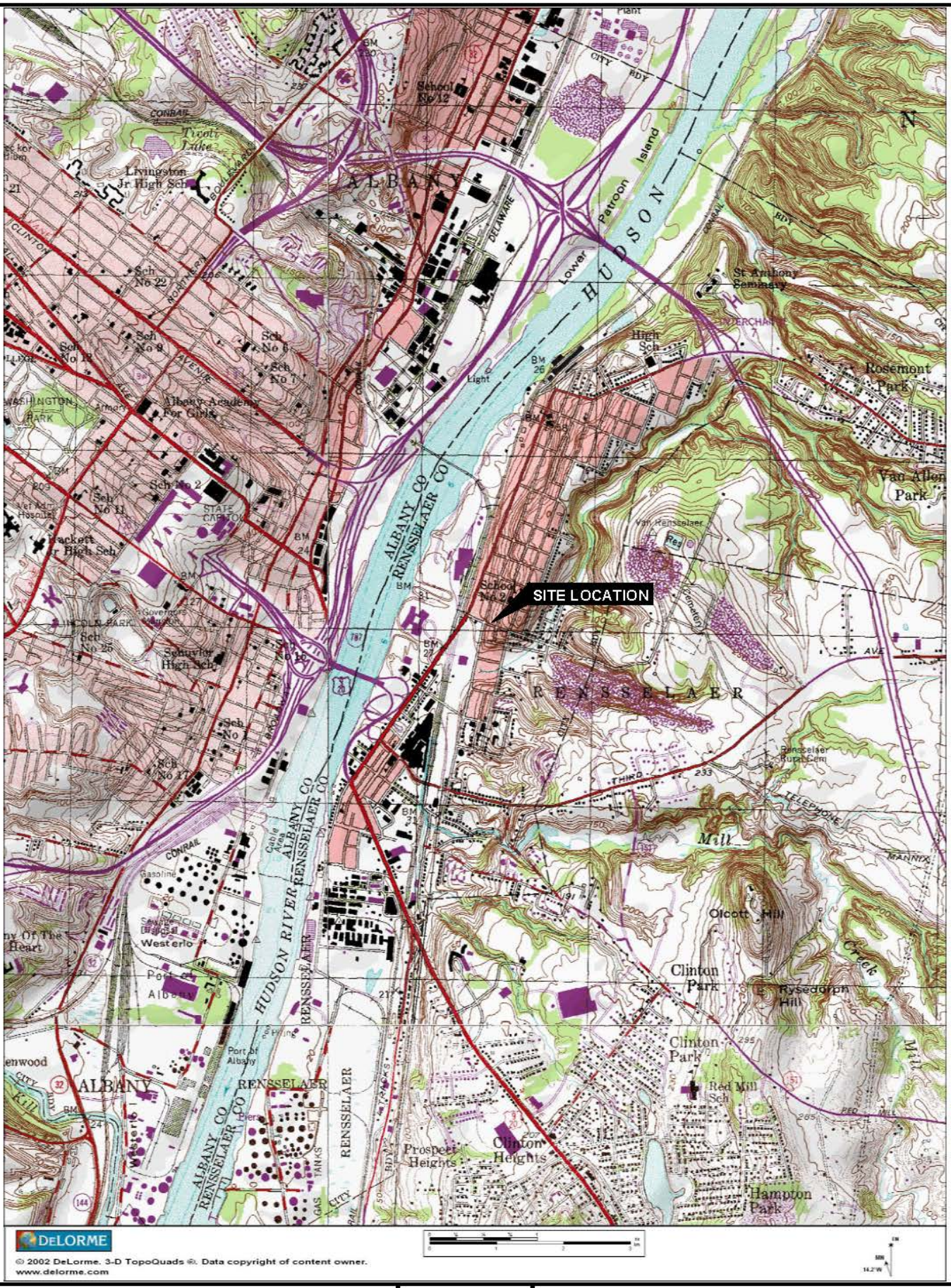
Shaded-Above MDL

Table 17
QA/QC Results for Metals (ppm)
Soil Borings
Tim Bayly Property

Parameter	MW-6 S-7 13-14'	MW-6 S-11 Dup of S-7	MW-8 S-10 19-20'	MW-8 S-11 Dup of S-10	MW-11 S-8 7-8'	MW-11 S-12 Dup of S-8
Aluminum	29000	29900	30200	25200	22600	20900
Antimony	<2.5	<2.3	<2.1 N	<2.0 N	<2.0	<2.3
Arsenic	6.9	9.5	7.6	8.4	8.6	8.6
Barium	166 N	191 N	240 N	201 N	194	148
Beryllium	1.66	1.61	1.56	1.25	1.30	1.24
Calcium	20300	5490	23500	36000	25700	12800
Cadmium	0.32	<0.47	<0.43	0.16 B	<0.40	<0.45
Chromium	33.5	28.9	35.1	30.2	30.8	26.6
Cobalt	21.8	20.3	20.4	19.1	16.2	16.8
Copper	39.4	36.1	42.1	35.6	66.4	41.1
Iron	58500	50400	44900	40500	36500	36700
Lead	20.4	76.5	17.0	15.6	90.0	68.7
Magnesium	9510	8470	13600	13200	9270	7850
Manganese	**2260**	355	668	944	1010	804
Mercury	0.10	0.06	0.03 B	0.03 B	0.12	0.15
Nickel	38.3	38.2	39.8	35.2	35.8	33.1
Potassium	5300 N	4750 N	5840 N	4880 N	4750	4210
Selenium	<2.0	<1.9	<1.7	<1.6	<1.6	<1.8
Silver	<0.49	<0.47	<0.43	<0.40	<0.40	<0.45
Sodium	1800 N	1220 N	1030 N	908 N	286	341
Thallium	<2.0	<1.9	<1.7	<1.6	<1.6	<1.8
Vanadium	53.5	47.9	46.9	40.4	40.0	39.7
Zinc	106	103	93.0	80.6	108	105

N = Concentration based on response of nearest internal.

FIGURES



SITE LOCATION MAP
800 BROADWAY
RENNSELAER, NEW YORK

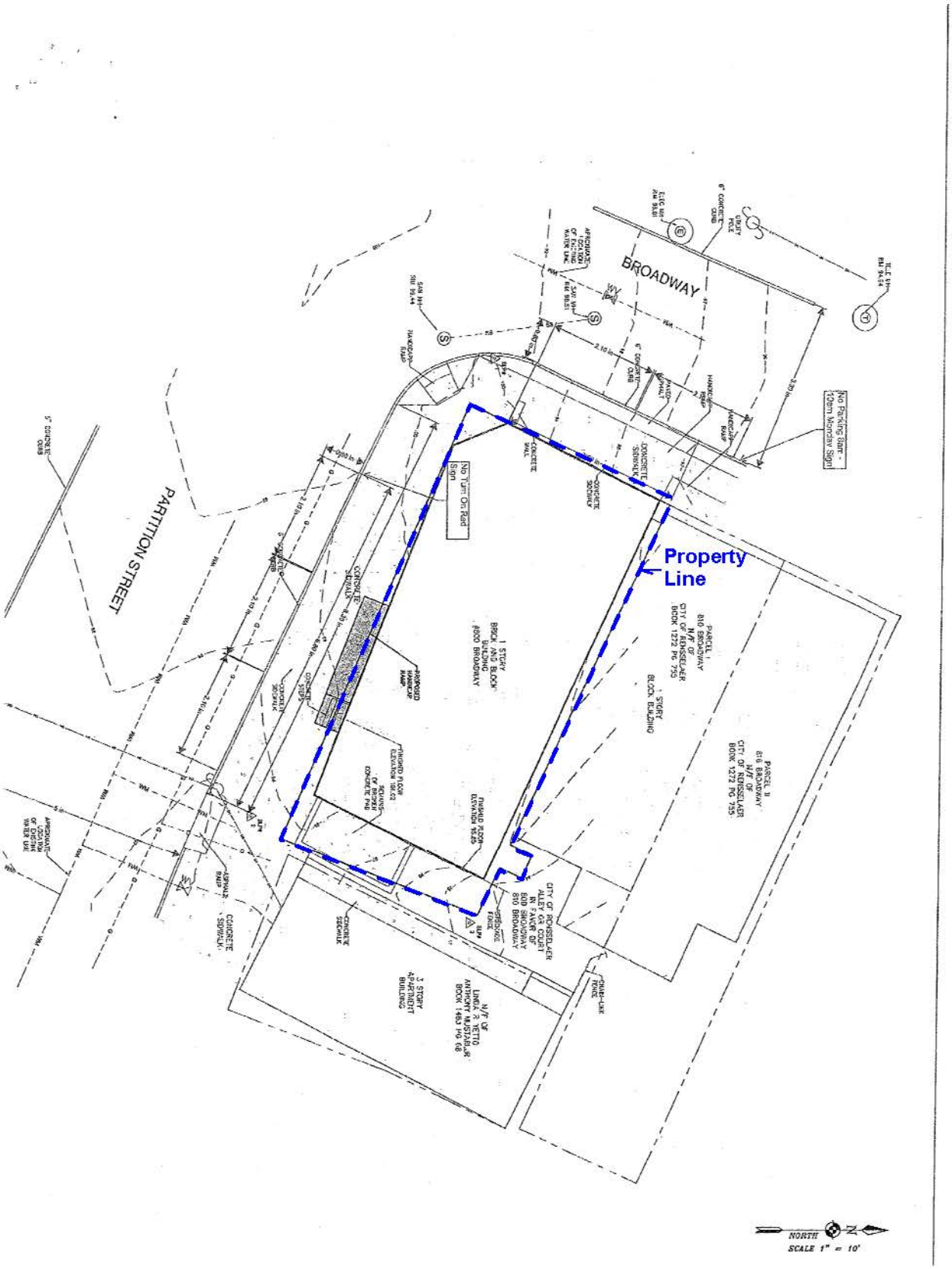
FIG-1

HANSON VANVLEET, LLC
WATER SUPPLY & ENVIRONMENTAL CONSULTANTS
902 ROUTE 146 CLIFTON PARK, NEW YORK 12065 (518) 371-7940 FAX (518) 371-5885

AERIAL PHOTOGRAPH OF SUBJECT AREA
800 BROADWAY
RENNSELAER, NEW YORK

FIG-2

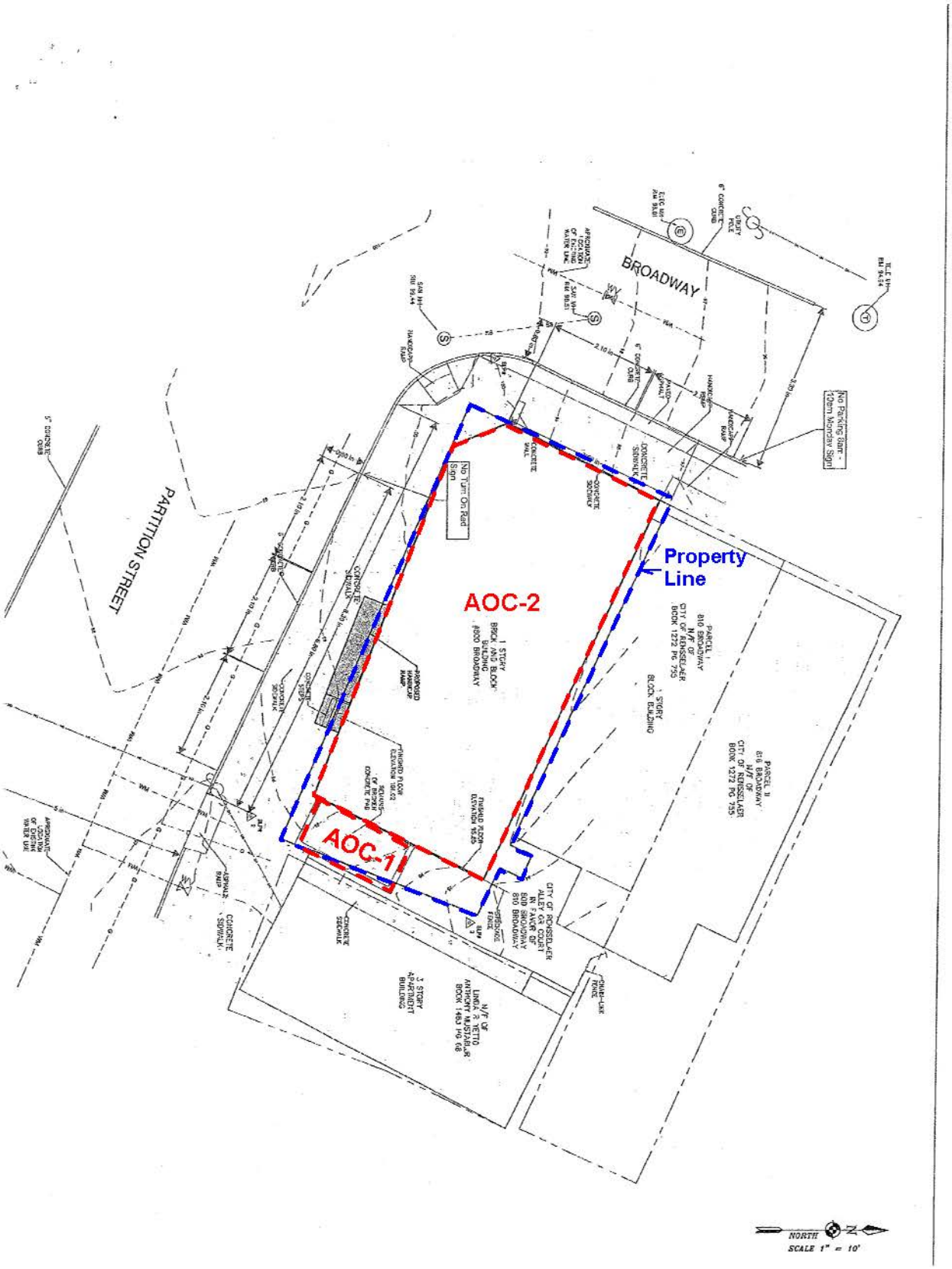
HANSON VANVLEET, LLC
WATER SUPPLY & ENVIRONMENTAL CONSULTANTS
902 ROUTE 146 CLIFTON PARK, NEW YORK 12065 (518) 371-7940 FAX (518) 371-5885



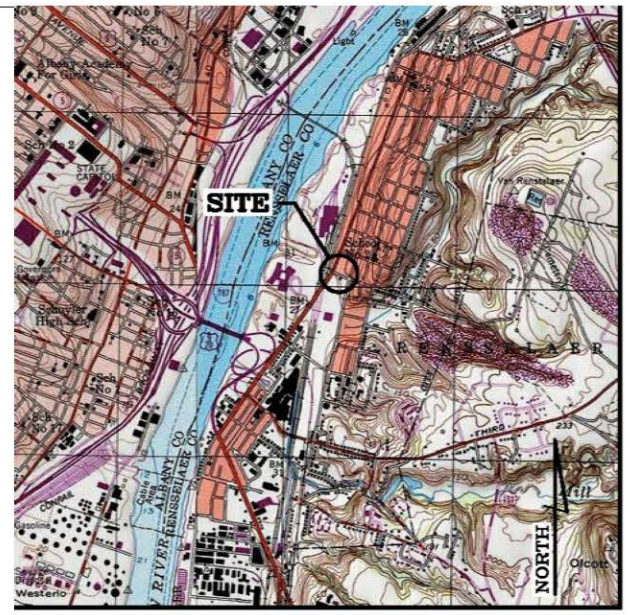
SITE SURVEY MAP
800 BROADWAY
RENNSELAER, NEW YORK

FIG-3

HANSON VANVLEET, LLC
WATER SUPPLY & ENVIRONMENTAL CONSULTANTS
902 ROUTE 146 CLIFTON PARK, NEW YORK 12065 (518) 371-7940 FAX (518) 371-5885



Areas of Concern 800 BROADWAY RENNSELAER, NEW YORK	FIG-4a	HANSON VANVLEET, LLC WATER SUPPLY & ENVIRONMENTAL CONSULTANTS 902 ROUTE 146 CLIFTON PARK, NEW YORK 12065 (518) 371-7940 FAX (518) 371-5885



SITE LOCATION MAP
SCALE: 1" = 2,000'

MAP REFERENCES:

1) RENSSELAER COUNTY REAL PROPERTY TAX MAP
CITY OF RENSSELAER
SECTION: 143.52
BLOCK: 3
LOT No.: 18

MAP ENTITLED: "RENSSELAER STREET LOTS"
FILED: RENSSELAER COUNTY CLERK'S OFFICE
DATE: OCTOBER 27, 1814
RECORDED: JUNE 14, 1832
PREPARED BY: EVERT Van ALLEN
DRAWER 38, MAP No. 23

MAP ENTITLED: "MAP OF PROPERTY OF EAST ALBANY IN GREENBUSH"
FILED: RENSSELAER COUNTY CLERK'S OFFICE
RECORDED: JUNE 22, 1857
DRAWER 25, MAP No. 21

DEED REFERENCE:

1) **RECORD TITLE** WARRANTY DEED
GRANTOR: TRACY SIEDHOFF
GRANTEE: TIM BAYLY DEVELOPMENT LLC
DATED: APRIL 29, 2013
RECORDED: JUNE 12, 2013
BOOK 6811 OF DEEDS AT PAGE 217

NOTES:

1) BOUNDARY SURVEY AS PREPARED FOR TIM BAYLY DEVELOPMENT LLC.
2) NO FIELD MONUMENTATION SET.
3) ALL UNDERGROUND UTILITIES, IF ANY, NOT FIELD LOCATED.
4) THIS SURVEY WAS PREPARED WAS PREPARED WITHOUT THE BENEFIT OF AN UP-TO-DATE ABSTRACT OF TITLE AND IS MADE SUBJECT TO WHATEVER STATE OF FACTS SUCH A DOCUMENTS WOULD REVEAL.
5) THIS SURVEY WAS PREPARED WITH APPROXIMATELY 15 INCHES OF SNOW & ICE COVER.

LEGEND:

CONC. DENOTES CONCRETE
DIA. DENOTES DIAMETER
F.O.C. DENOTES FACE OF CURB
F.O.G.C. DENOTES FACE OF GRANITE CURB
I.P.F. DENOTES IRON PIPE FOUND
M.W. DENOTES MONITORING WELL
N/F DENOTES NOW OR FORMERLY
NG DENOTES NIAGARA MOHAWK UTILITY POLE
O.H.U.L. DENOTES OVERHEAD UTILITY LINES
O.T.S.L. DENOTES OVERHEAD TRAFFIC SIGNAL LIGHTS
(69) DENOTES LOT NUMBER AS PER MAP REFERENCE No. 2
[2] DENOTES LOT NUMBER AS PER MAP REFERENCE No. 3

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UNAUTHORIZED ALTERATION OR ADDITION TO THIS MAP IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

GRAPHIC SCALE
10 0 10 20 40

TRUE NORTH AT THE 74°30' MERIDIAN OF WEST LONGITUDE

LANDS N/F OF
THE CITY OF RENSSELAER, NEW YORK
BOOK 1685 OF DEEDS AT PAGE 311 (PARCEL #-85)
EASEMENT GRANTED TO 810 BROADWAY, LLC OVER THIS PARCEL

LANDS N/F OF
STEPHAINE NOONAN
BOOK 5427 OF DEEDS AT PAGE 257
BRICK & WOOD FRAME BUILDING

LANDS N/F OF
810 BROADWAY, LLC
BOOK 5441 OF DEEDS AT PAGE 302
MASONRY BUILDING
ADDRESS: 810 BROADWAY

BRICK BUILDING
ADDRESS: 800 BROADWAY

WOOD FRAME BUILDING
BUILDING
CHAIN LINK FENCE
REMAINS OF CHAIN LINK FENCE
4' HIGH CHAIN LINK FENCE
COVERED CELLAR ENTRY
1st, 2nd & 3rd STORY OVERHANG
F.O.G. LOST IN SNOW
BUILDING CORNER ON BOUNDARY LINE
BUILDING CORNER ON STREET LINE
BUILDING ANGLE ON STREET LINE
BUILDING ANGLE 0.1'± CLEAR
BUILDING CORNER 0.3± CLEAR
BUILDING CORNER 0.5± CLEAR
3.5' EAVE
CONCRETE SIDEWALK
CONC. RAMP
METAL RAILING
CONC. WALL
3.6'x5.6' CONCRETE STEPS
2" DIA. I.P.F.
1.6' FACE OF BUILDING TO FACE OF BUILDING
ASPHALT PAVEMENT
NG W/ LIGHT
O.H.U.L.
O.T.S.L.
M.W.
U.P.

S17°52'00"W 36.24' (40.73' DEED)
S65°20'40"E 10.00'
S24°39'20"W 4.68'
S65°20'40"E 4.90'
N24°39'20"E 4.68'
71.80'
90.55'
S65°20'40"E
N70°06'10"W
N23°40'40"E 43.50'
STREET LINE

AOC-1
AOC-2
Dry Cleaning Equipment Slab
AREA = 3,548± SQ.FT.
Existing Monitoring Well MW-05

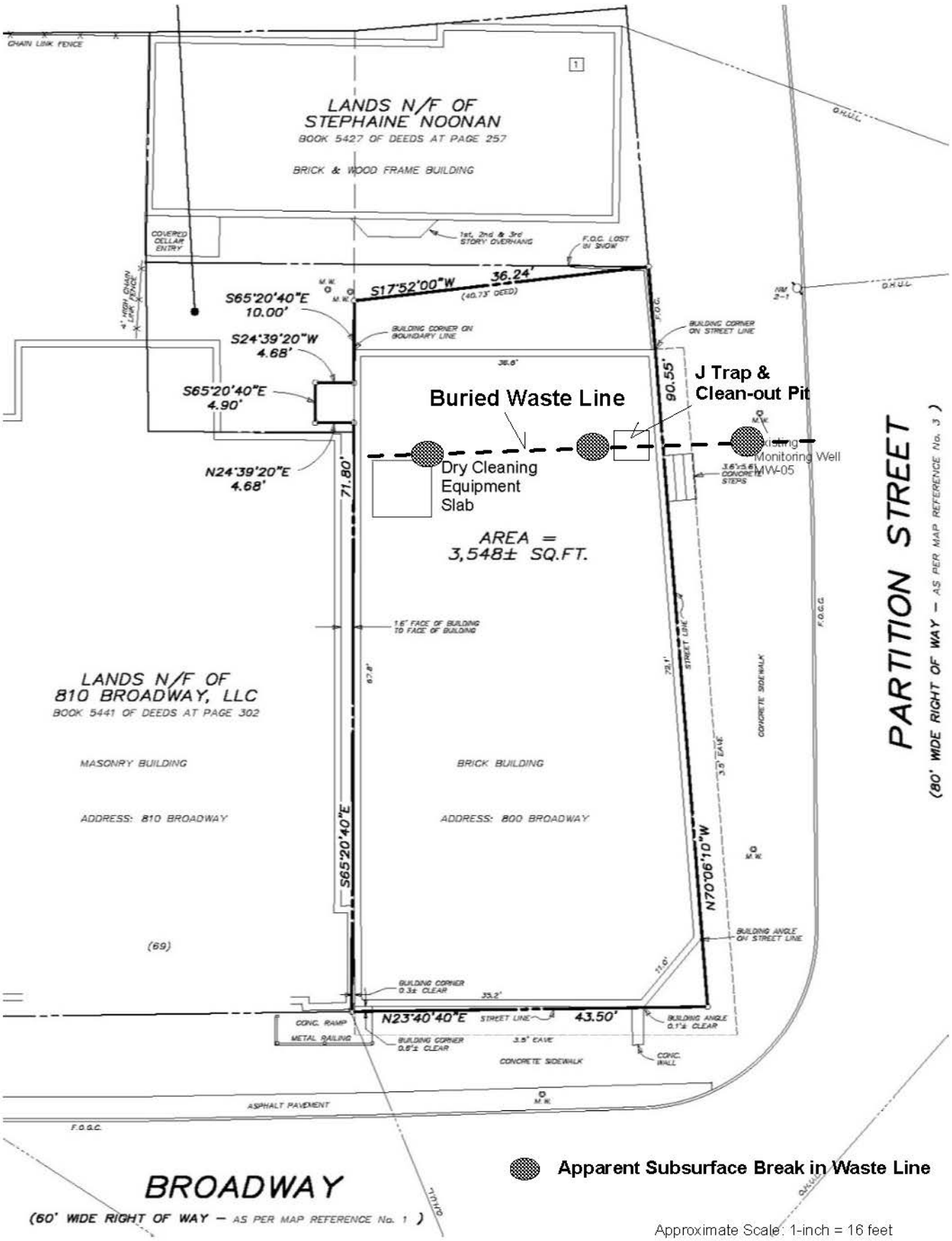
PARTITION STREET
(80' WIDE RIGHT OF WAY – AS PER MAP REFERENCE No. 3)

BROADWAY
(60' WIDE RIGHT OF WAY – AS PER MAP REFERENCE

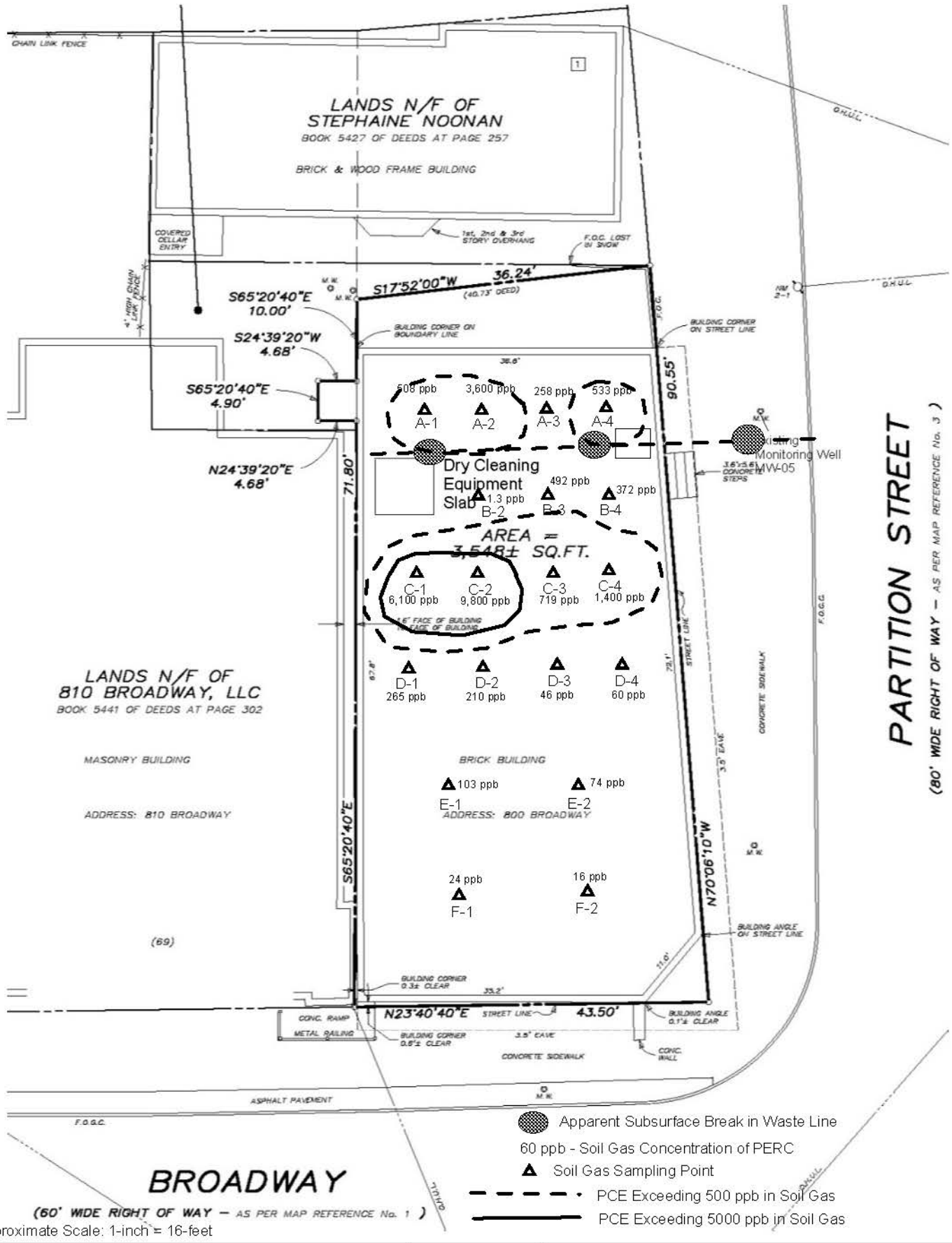
(69) (70)

Figure 4b
BCP C442043
Areas of Concern (AOCs)
800 Broadway
Rensselear, New York

HANSON VANVLEET, LLC
WATER SUPPLY & ENVIRONMENTAL CONSULTANTS
902 ROUTE 146 CLIFTON PARK, NEW YORK 12065 (518) 371-7940 FAX (518) 371-5885



Apparent Waste Line Breaches **Video Survey** **800 BROADWAY** **RENNSELAER, NEW YORK**	FIG-5	HANSON VANVLEET, LLC WATER SUPPLY & ENVIRONMENTAL CONSULTANTS 902 ROUTE 146 CLIFTON PARK, NEW YORK 12065 (518) 371-7940 FAX (518) 371-5885

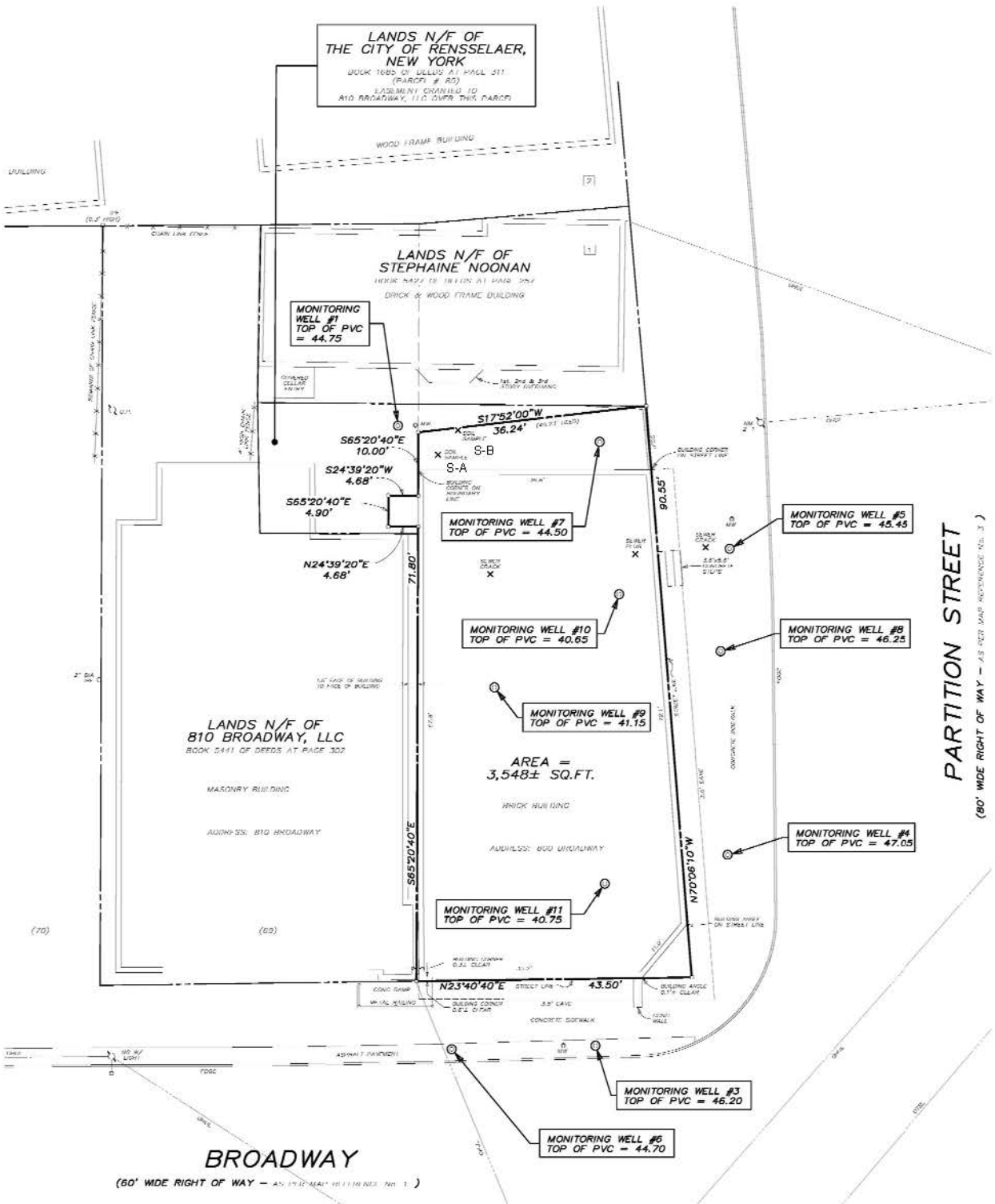


Approximate Scale: 1-inch = 16-feet

SOIL GAS SURVEY RESULTS
800 BROADWAY
RENNSELAER, NEW YORK

FIG-6

HANSON VANVLEET, LLC
WATER SUPPLY & ENVIRONMENTAL CONSULTANTS
902 ROUTE 146 CLIFTON PARK, NEW YORK 12065 (518) 371-7940 FAX (518) 371-5885

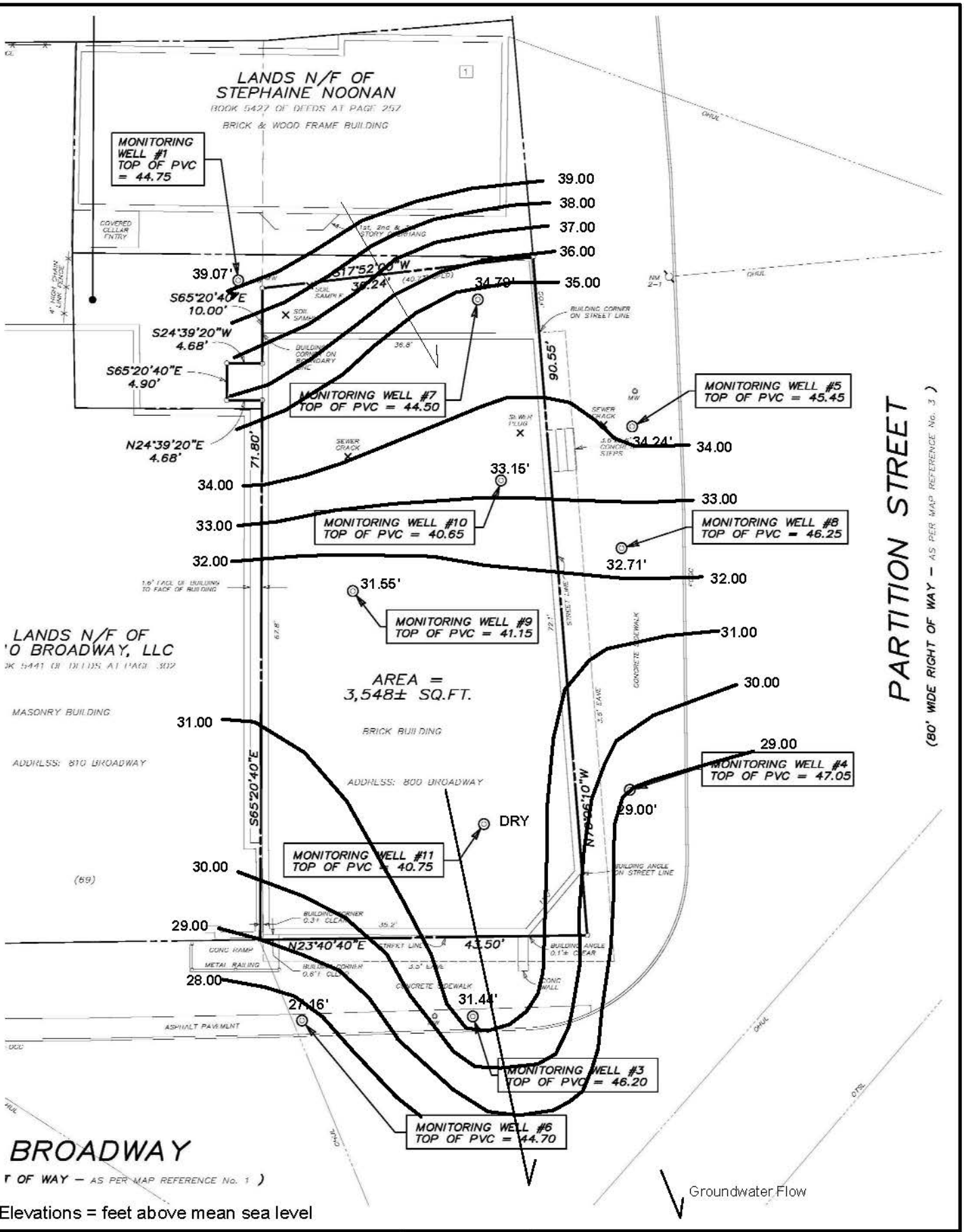


Approximate Scale: 1-inch = 25-feet

SOIL BORING/MONITORING WELL LOCATIONS
800 BROADWAY
RENNSELAER, NEW YORK

FIG-7

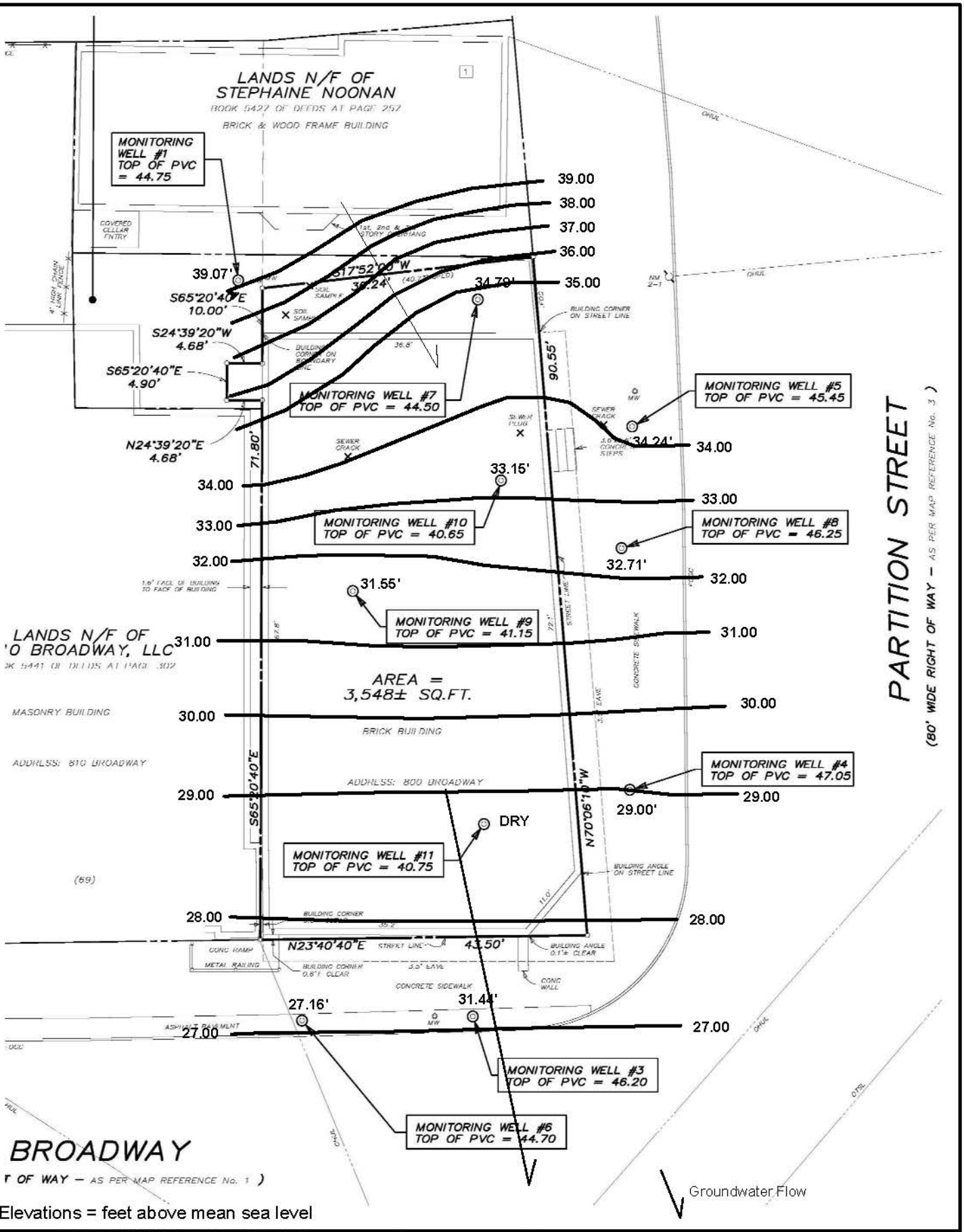
HANSON VANVLEET, LLC
WATER SUPPLY & ENVIRONMENTAL CONSULTANTS
902 ROUTE 146 CLIFTON PARK, NEW YORK 12065 (518) 371-7940 FAX (518) 371-5885



GROUNDWATER COUNTOUR MAP
OCTOBER 29, 2015
800 BROADWAY
RENNSELAER, NEW YORK

FIG-8A

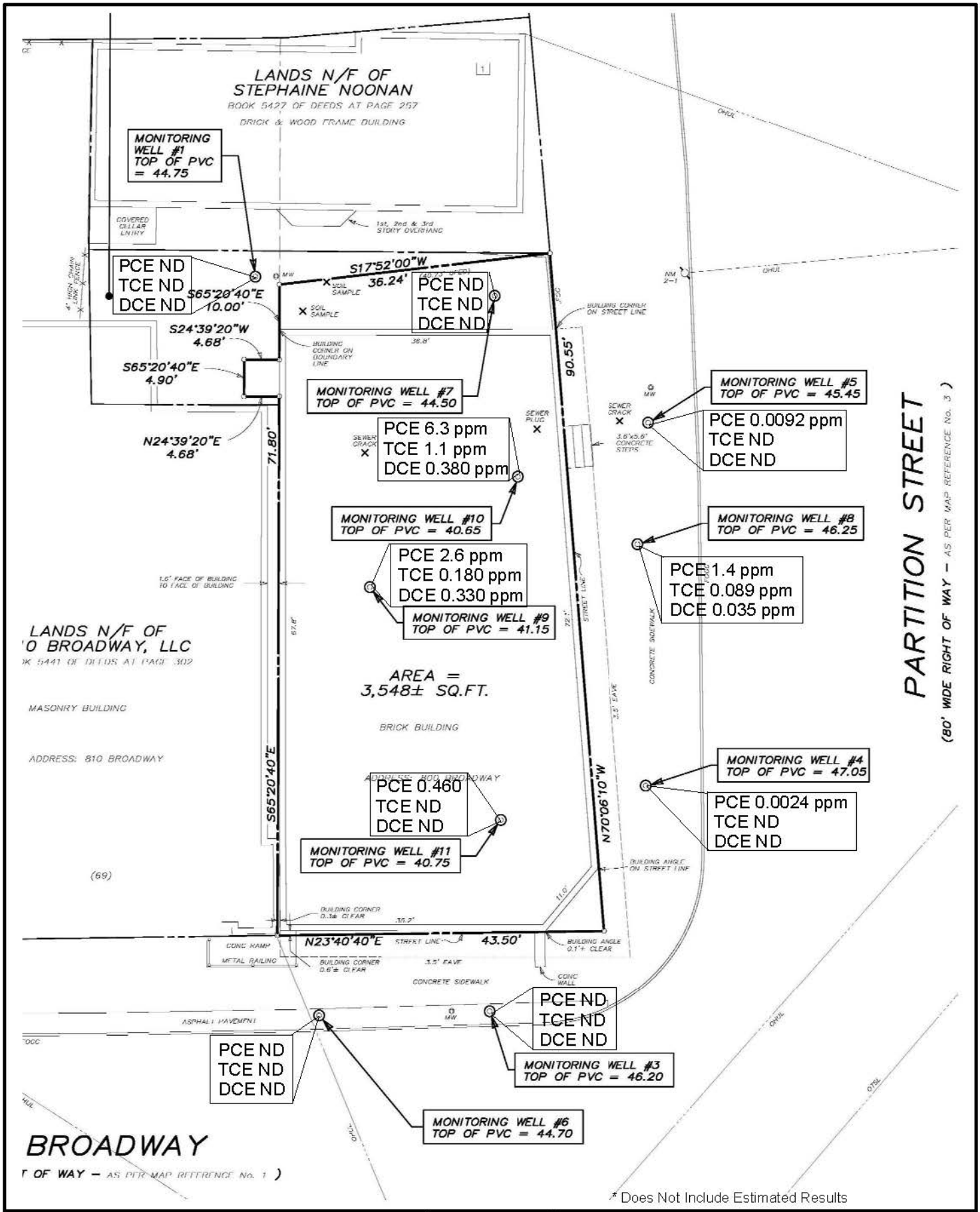
HANSON VANVLEET, LLC
WATER SUPPLY & ENVIRONMENTAL CONSULTANTS
902 ROUTE 146 CLIFTON PARK, NEW YORK 12065 (518) 371-7940 FAX (518) 371-5885



GROUNDWATER COUNTOUR MAP
(Without Anomolous Well MW-03)
OCTOBER 29, 2015
800 BROADWAY
RENNSELAER, NEW YORK

FIG-8B

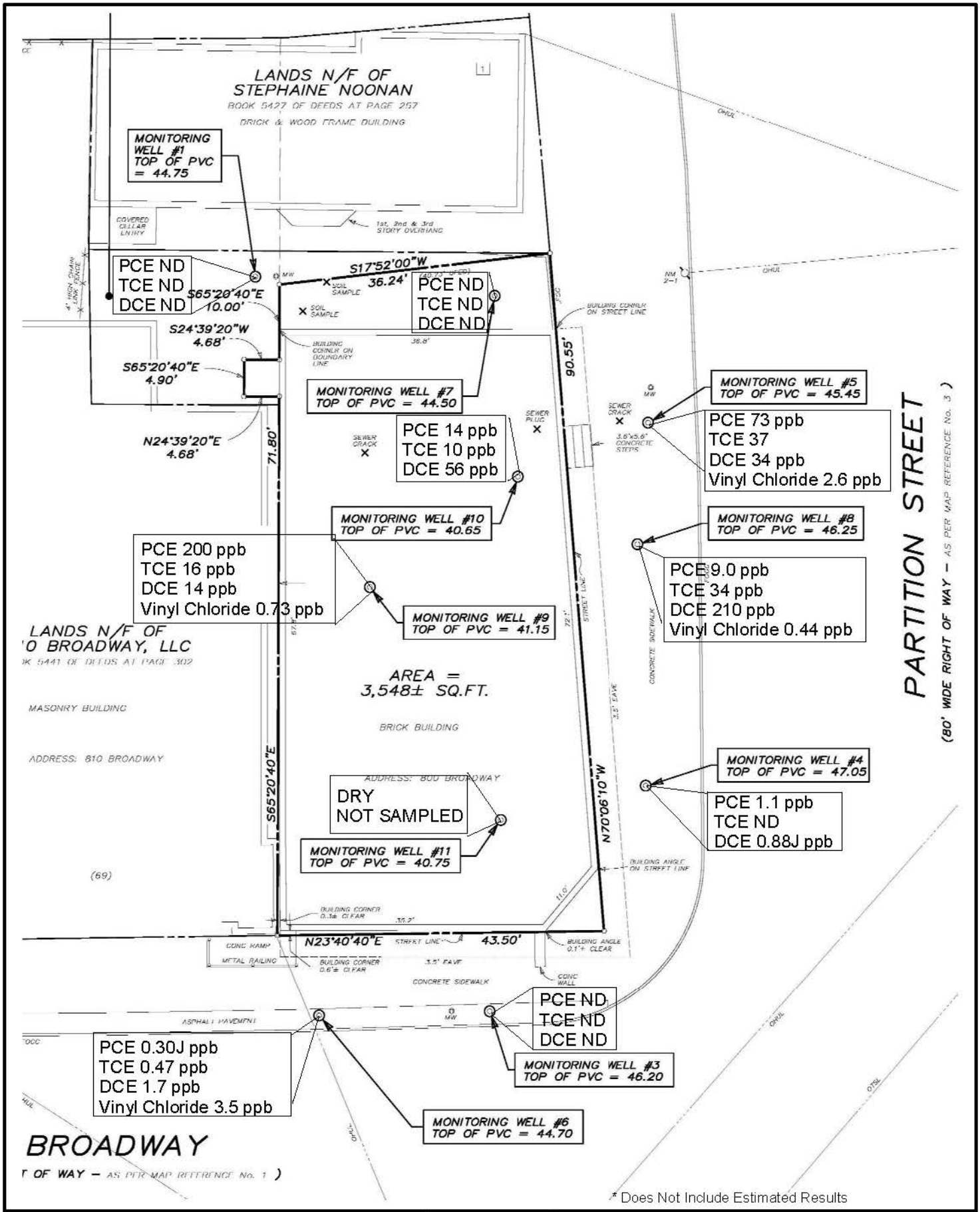
HANSON VANVLEET, LLC
WATER SUPPLY & ENVIRONMENTAL CONSULTANTS
902 ROUTE 146 CLIFTON PARK, NEW YORK 12065 (518) 371-7940 FAX (518) 371-5885



MAXIMUM CHLORINATED VOCS IN SOIL (PPM)
800 BROADWAY
RENNSELAER, NEW YORK

FIG-9

HANSON VANVLEET, LLC
WATER SUPPLY & ENVIRONMENTAL CONSULTANTS
902 ROUTE 146 CLIFTON PARK, NEW YORK 12065 (518) 371-7940 FAX (518) 371-5885

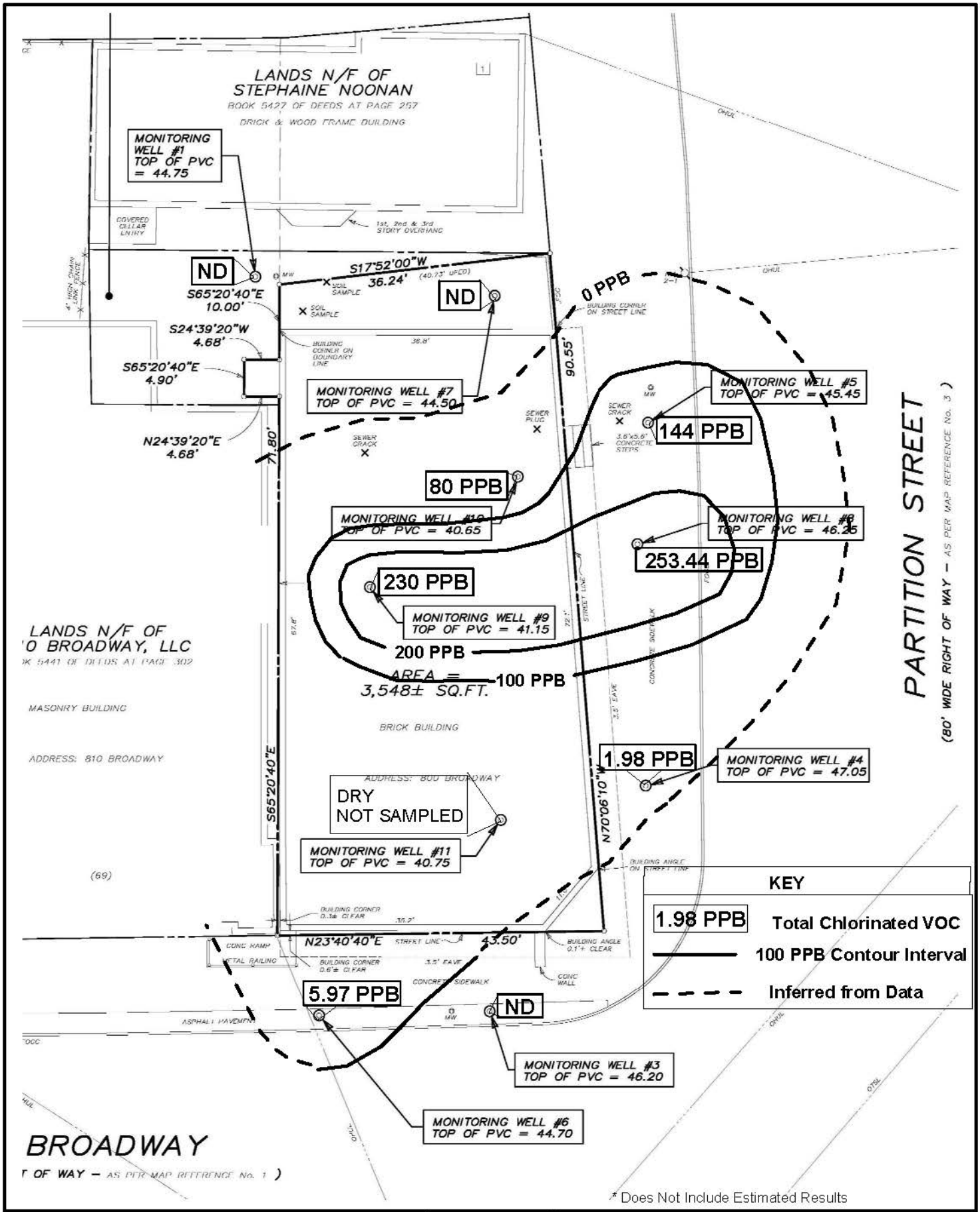


* Does Not Include Estimated Results

CHLORINATED VOCS IN WATER (PPB)
800 BROADWAY
RENNSELAER, NEW YORK

FIG-10

HANSON VANVLEET, LLC
WATER SUPPLY & ENVIRONMENTAL CONSULTANTS
902 ROUTE 146 CLIFTON PARK, NEW YORK 12065 (518) 371-7940 FAX (518) 371-5885



* Does Not Include Estimated Results

ISOPLETH MAP
TOTAL CHLORINATED VOCS IN WATER (PPB)
800 BROADWAY
RENNSELAER, NEW YORK

FIG-11

HANSON VANVLEET, LLC
WATER SUPPLY & ENVIRONMENTAL CONSULTANTS
902 ROUTE 146 CLIFTON PARK, NEW YORK 12065 (518) 371-7940 FAX (518) 371-5885

APPENDICES

Appendix A:	Site Survey
Appendix B:	Arcadis Phase I and Phase II (without Appendices)
Appendix C:	Soil Boring Logs/Monitoring Well Completion Logs
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Appendix E:	Pre-Sampling Well Purging Records
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Appendix I:	Analytical Results-Groundwater Samples
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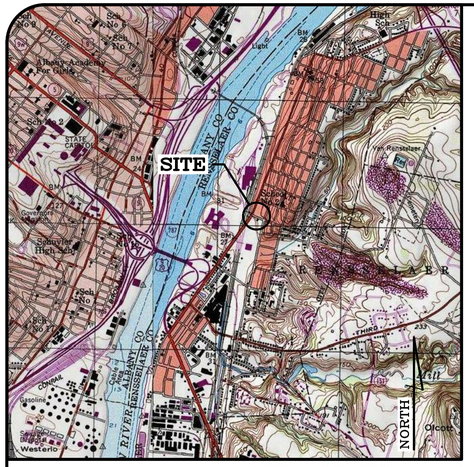
Appendix L:	Data Usability Summary Reports (DUSR)
Appendix M:	Fish and Wildlife Resource Impact Analysis (FWRIA)

APPENDIX A

SITE SURVEY


SITE
RENSSELAER
NORTH HIGH
Albany Academy for Girls
Albany High School
Albany Co. Courthouse
Albany Co. Jail
Albany Co. Penitentiary
Albany Co. Public Library
Albany Co. Sheriff
Albany Co. Treasurer
Albany Co. Water Purification Plant
Albany Rural Cemetery
Albany Water Board
Albany Water Works
Albany-Rensselaer Ferry
Albany-Rensselaer Ferry Co.
Albany-Rensselaer Ferry Co. Ferry Slip
Albany-Rensselaer Ferry Co. Ferry Slip
Albany-Rensselaer Ferry Co. Ferry Slip

APPENDIX B

ARCADIS PHASE I AND PHASE II (WITHOUT APPENDICES)

ARCADIS
Infrastructure · Water · Environment · Buildings

Imagine the result

City of Rensselaer

62 Washington Street • Rensselaer, New York 12144

Phase I Environmental Site Assessment

824 Broadway and (North of) 1 Partition Street

USEPA BROWNFIELDS HAZARDOUS SUBSTANCES
ASSESSMENT GRANT
ASSISTANCE ID No. BF-97249507-0

September 26, 2012

ARCADIS

Bruce R. Nelson
Principal Geologist, CPG

Alina Walcek
Geologist

Phase I Environmental Site Assessment

824 Broadway & (North of) 1 Partition Street

Prepared for:
City of Rensselaer

Prepared by
ARCADIS of New York, Inc.
855 Route 146
Suite 210
Clifton Park
New York 12065
Tel 518 250 7300
Fax 518 250 7301

Our Ref
05608003.0000

Date:
September 26, 2012

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F Historical Topographic Maps

G City Directories

H Sanborn Maps

1. Certification Statements

STATEMENT BY ENVIRONMENTAL PROFESSIONAL
STATEMENT OF QUALIFICATIONS

"ARCADIS of New York, Inc. declares that, to the best of its professional knowledge and belief, the ARCADIS of New York, Inc. employees responsible for this Report meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312."

(Signature)

Bruce R. Nelson, C.P.G.
(Printed Name)

Principal Geologist
(Title)

9/26/12
(Date)

STATEMENT OF COMPLETION

"ARCADIS of New York, Inc. has assigned the appropriate personnel with the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. ARCADIS of New York, Inc. has developed and performed its approach relative to all appropriate inquiries in conformance with the standards and practices set forth in ASTM E1527-05 which was developed to satisfy certain parts of 40 CFR Part 312."

(Signature)

Bruce R. Nelson, C.P.G.
(Printed Name)

Principal Geologist
(Title)

9/26/12
(Date)

2. Executive Summary

ARCADIS of New York, Inc. (ARCADIS) was retained by the City of Rensselaer (City) to conduct a Phase I Environmental Site Assessment (ESA) of two parcels (Site) (totaling approximately 0.09 acre) in the City of Rensselaer, Rensselaer County, New York. The addresses associated with the Site as described in the 2012 City tax parcels are 824 Broadway and (North of) 1 Partition Street. Both of these properties are vacant lots owned by the City.

The Phase I ESA was conducted in general accordance with the American Society for Testing and Materials (ASTM) E 1527-05 *Standard Practice for Site Assessments: Phase I Environmental Site Assessment Process*. The goal of the Phase I ESA was to identify recognized environmental conditions (RECs) and historical recognized environmental conditions (HRECs) associated with the property in conformance with ASTM E 1527-05.

A REC is defined as the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or an observable or obvious threat of a release of hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property, excluding *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

A HREC is defined as an environmental condition which in the past would have been considered a REC, but which may or may not be considered a REC currently.

The ASTM practice requires environmental professionals to identify data gaps following reasonable inquiry of Site personnel and ARCADIS' search for "reasonably ascertainable" resources. ASTM E 1527-05 defines a data gap as "*a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information.*"

The Phase I ESA included a visual inspection of the property completed on May 17, 2012, observation of adjacent properties, and reviews of historical documents. A Freedom of Information Law (FOIL) request was filed with the New York State Department of Environmental Conservation (NYSDEC) on May 22, 2012.

The findings identified by ARCADIS are summarized below and discussed in greater detail in the body of the report.

2.1 Recognized Environmental Conditions

2.1.1 On-site RECs

No on-site RECs were identified on the Site.

2.1.2 Off-site RECs

The historical use of 800 Broadway as Roxy Cleaners from at least 1958 to 1978 is considered a recognized environmental condition. The historical use of 908 Broadway as John Joseph's Dry Cleaning is considered a REC. A spill at the Stewart's on 12 Partition Street is considered a REC because it was not closed to standards.

2.2 Historical Recognized Environmental Conditions

No HRECs were identified at the Site.

2.3 Other Findings

No other findings were noted in connection with the Site.

2.4 Data Gaps

No neighboring property owners were interviewed. This is not anticipated to significantly affect the findings of this Phase I ESA.

3. Introduction

On behalf of the City of Rensselaer (City), ARCADIS conducted a Phase I ESA of two parcels totaling approximately 0.09 acres of undeveloped property at 824 Broadway and (North of) 1 Partition Street, in the City of Rensselaer, Rensselaer County, New York (Site). The Site is currently owned by the City.

3.1 Purpose of ESA

The purpose of conducting this Phase I ESA is to implement the City's grant under the United States Environmental Protection Agency's (EPA's) Brownfields Hazardous Substances Assessment Program.

3.2 Detailed Scope of Services

The Scope of Services for this Phase I ESA is set forth in the Work Order issued to ARCADIS.

The work was conducted in general accordance with the ASTM E 1527-05 *Standard Practice for Site Assessments: Phase I Environmental Site Assessment Process* in order to satisfy the statutory requirements for conducting all appropriate inquires in accordance with Standards and Practices for All Appropriate Inquires Rule (40 CFR Part 312). A Phase I ESA, as defined by ASTM, is not intended to be a formal survey for lead-based paint, lead in drinking water, mold, asbestos-containing materials (ACM), urea formaldehyde insulation, ozone-depleting chemicals, or radon.

The purpose of the Phase I ESA was to identify, to the extent practical, RECs and HRECs associated with the site. A REC is defined in the ASTM Phase I Standard as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of the appropriate governmental agencies." A HREC is defined as an environmental condition which in the past would have been considered a REC, but which may or may not be considered a REC currently.

The Phase I ESA was comprised of the following specific elements consistent with ASTM Standard 1527.05:

- An on-site inspection of the subject properties to evaluate current conditions and identify areas of potential concern, including underground storage tanks (USTs), aboveground storage tanks (ASTs), PCB-containing material, or other hazardous materials that may be present at the Site;

- A review of property history through interviews and Sanborn® Maps, aerial photographs, city directories and historical mapping;
- A review of historical reports and site maps, as available;
- Limited visual inspection of adjacent properties and the local area to evaluate the potential for adverse environmental impact to the subject property;
- Contracting of Environmental Data Resources, Inc. (EDR) to identify recognized environmental concerns as required in the regulatory records review section of the ASTM standard for a Phase I ESA; and
- Preparation of a report summarizing the findings of the Phase I ESA.

The Phase I ESA did not include the collection or analysis of soil, air, water, groundwater, or material samples.

Photographs of the site and surrounding areas were taken to document current conditions and are included in Appendix A.

3.3 Significant Assumptions

ARCADIS has assumed that the information sources utilized for this investigation provide complete and accurate information. Evaluations presented in this report are based exclusively on information provided by available public records and observations made during the Site visit. No quantitative or qualitative field activities were conducted and no laboratory analyses were performed.

3.4 Limitations and Exceptions

This Phase I ESA was performed in conformance with applicable legal requirements and accepted practice prevailing in the environmental assessment industry. The Phase I ESA is limited in nature and should not be construed to be a characterization of environmental regulatory compliance or of conditions above or below grade.

The evaluations presented in this Phase I ESA are based on information provided by the City and its representatives, available site records, readily ascertainable historical documents, and observations made during the Site reconnaissance. In preparing this report, ARCADIS has accepted as true the information provided by the City personnel on current and historical operations of the site, verified as possible from historical documents. ARCADIS warrants that the services performed were conducted in a competent and professional manner in accordance with sound consulting practices and

procedures. ARCADIS cannot warrant the actual site conditions described in this report beyond matters amenable to visual confirmation within the limits of this site assessment program. ARCADIS makes no express or implied representation or warranty that this document or the information contained herein is fit for a particular purpose, nor does ARCADIS make any representation or warranty regarding the accuracy or reliability of information or documents provided by other parties that are contained or relied on herein.

In addition, existing uses that are off-site were not included as part of the Phase I ESA, except to note their presence and potential related concerns.

3.5 Special Terms and Conditions

No special terms and conditions were imposed on this Phase I ESA.

3.6 Deviations

There were no deviations from the proposed scope of work other than those specifically described within this report.

4. Site Description

4.1 Location and Legal Description

The Site consists of two parcels in the central part of the City, approximately 1,300 feet east of the Hudson River, as shown on Figures 1 through 4, and is owned by the City. The addresses associated with the Site as described in the 2012 City tax parcels are 824 Broadway and (North of) 1 Partition Street. The Site consists of two parcels approximately 0.09 acres and is zoned as vacant land in a residential area. Neither of the Site properties is developed. The property at (North of) 1 Partition Street consists of mostly grassy land that has a gentle downward slope to the north. The property at 824 Broadway consists of generally flat land with a slight downward slope to the west. The western portion of 824 Broadway is largely covered with gravel and the eastern portion is largely covered with vegetation.

4.2 General Vicinity Description

The subject property is in a mixed residential/commercial area. The following are descriptions of land and land uses immediately adjacent to the Site:

- 824 Broadway

  North: The Site is bordered to the north by a building occupied by an American Legion Post.

  South: The Site is bordered to the south by 810 Broadway, which was the former City of Rensselaer Library; this building currently appears to be vacant.

  East: The Site is bordered to the east by the private garage to 1 Partition Street.

  West: The Site is bordered to the west by Broadway, beyond which are railroad tracks.

- (North of) 1 Partition Street

  North: The Site is bordered to the north by vacant land associated with 810 Broadway.

  South: The Site is bordered to the south by the back entrance of 800 Broadway, which was formerly Roxy Dry Cleaners. Roxy Dry Cleaners is not currently operational. Beyond the former dry cleaner is Partition Street.

  East: The Site is bordered to the east by a multi-family dwelling.

  West: The Site is bordered to the west by the building at 800 Broadway, which appears to be vacant.

4.3 Physical Environmental Setting

To obtain information regarding the Site's physical setting, ARCADIS conducted a review of information provided by EDR, topographic maps published by the United States Geological Survey (USGS), and geologic maps published by the New York State Geological Survey. The following sections summarize the physical setting of the Site.

4.3.1 Topography

The United States Geological Survey (USGS) topographic map (Figure 1) indicates the Site is at an elevation of approximately 45 feet above mean sea level (AMSL). The Site is generally flat. The property at 824 Broadway has a gentle downward slope to the west and the property at (North of) 1 Partition Street has a gentle downward slope to the north. The general slope of the surrounding area is toward the Hudson River to the west.

4.3.2 Geology and Soils

Surficial geology on the Site is mapped as alluvium or recent deposits (Cadwell et al., 1986). These deposits generally are confined to floodplains within a valley, consisting of oxidized, non-calcareous, fine sand to gravel and may be overlain by silt. Figure 3 shows the location of the Site on the Surficial Geologic Map of the Hudson-Mohawk Region, New York. Based on the United States Department of Agriculture (USDA) Soil Conservation Service and the National Cooperative Soil Service (NCSS) soil survey for Rensselaer County, New York, the soils within the general vicinity of the Site consist of moderately well drained silt loam.

Bedrock outcrops were not observed at the Site. Based upon regional mapping, the Site is underlain by Ordovician Canajoharie Shale (Fisher et al., 1970). Figure 4 provides the location of the Site on a Geologic Map of the Hudson-Mohawk Region, New York. Note that both the surficial and bedrock geologic maps of New York State were created at a scale of 1:250,000, while the maps in Figures 3 and 4 are plotted at a scale of 1:6,000. Use of these data at a scale larger than that of their creation scale does not provide greater accuracy.

4.3.3 Surface Water and Wetlands

The Site is located approximately 1,300 feet east of the Hudson River. There was no evidence of natural surface water including active streams or wetlands observed on the subject property.

4.3.4 Groundwater

Groundwater was not investigated as part of field activities related to this Phase I ESA. Groundwater flow direction at the Site has not been confirmed by ARCADIS, but it is expected that the shallow groundwater follows surface topography and flows to the

west, toward the Hudson River, a regional groundwater discharge zone. It is important to note that groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells. Site specific hydrogeologic conditions can only be determined from a detailed subsurface investigation.

5. Records Review (40 CFR §312.24, 312.25 & 312.26)

ARCADIS reviewed records from reasonably ascertainable sources to obtain information regarding the Site's recognized environmental conditions. A description of the source and the information obtained is provided in the following subsections.

5.1 Site Contact Information

ARCADIS reviewed the following information obtained from the City of Rensselaer:

- Verbal information from Sarah Crowell, the Director of Planning for the City, regarding the Site's history.

5.2 Site Chain of Title/Environmental Clean-Up Liens (40 CFR §312.25)

Chain of title information for the subject property was obtained by ARCADIS for this Report, in addition to a search of environmental liens for the parcel. A private database management firm, EDR, of Milford, Connecticut, was contracted to provide this information. This information is summarized below:

5.2.1 824 Broadway

John J. Zenner and Anna N. Zenner: Owned the property in 1920. Deed information was not searched prior to January 1, 1920.

John A. Scott and Annie G. Scott: Acquired the property from John J. Zenner and Anna Zenner in 1920.

West End Federal Savings and Loan Association of Albany: Acquired the property from Annie G. Scott in 1944.

Robert William Hackel and Carre Hackel: Owned the property for one day in February 1950.

Dawn Powell: Owned the property from February 1950 to June 1975.

Earl Dobert and Judith Dobert: Acquired ownership of the property from William J. Roberts, executor of the Last Will and Testament of Dawn A. Powell in June 1975.

Earl Dobert: Owned the property from June 1975 to June 1976.

John R. Brophy and Deborah L. Brophy: Owned the property from March 1977 to January 1985.

Singil Housing Corporation: Acquired ownership of the property in 1985.

City of Rensselaer: Owned the property from September 1997 until present.

No environmental liens or activity and use limitations (AULs) were found during the search. The EDR Environmental Lien Search and Chain of Title Search Report are provided in Appendix B.

5.2.2 (North of) 1 Partition Street

John F. Kapp and Mary Kapp: Owned the property in 1914. Deed information was not searched prior to 1914.

Thomas P. Connolly and Ellen G. Connolly: Acquired ownership of the property from John F. Kapp and Mary Kapp in July 1914.

Marcia M. Welch: Acquired the property in April 1960 from Thomas Jerome Connolly, as distribute under the Last Will and Testament of Ella G. Connolly.

Frank L. Welch and Marcia M. Welch: Owned the property from May 1960 to May 1965.

Francis T. Welch and Barbara E. Welch: Owned the property from May 1965 to July 1977.

Daniel E. Kiley and Dorothy E. Kiley: Acquired ownership of the property in July 1977.

The City of Rensselaer: Acquired ownership of the property from William F. Carroll, as City Treasurer of the City of Rensselaer, New York in 1993.

No environmental liens or activity and use limitations (AULs) were found during the search. The EDR Environmental Lien Search and Chain of Title Search Report are provided in Appendix B.

5.3 Regulatory Agency Records (40 CFR §312.26)

For the purpose of obtaining information on potential recognized environmental conditions for the Site through the Freedom of Information Law (FOIL), the following regulatory agency was contacted:

New York State Department of Environmental Conservation (NYSDEC), Region 4
Ms. Toni Galluzzo
FOIL Coordinator
(518) 357-2046
1130 North Westcott Road
Schenectady, NY 12306-2014

FOIL requests were made for 824 Broadway and (North of) 1 Partition Street. Additional FOIL requests were made regarding NYSDEC Spill numbers: 9607532 and 0404463. Responses from these FOIL requests have been received and are included where appropriate.

5.4 Databases of Environmental Enforcement Records (40 CFR §312.26)

ARCADIS obtained a listing of Federal and State environmental databases identifying sites located in the vicinity of the subject Site. A private database management firm, EDR of Milford, Connecticut, was contracted to provide this information. The Federal and State databases included in the EDR Database Report are compiled from government agency sources and presented in a consolidated format. A copy of the EDR Database Report is provided in Appendix C. A list of databases searched, geographic areas included in the search, and acronyms used are provided in the report.

Based on information obtained during the database search, the Site itself did not appear on Federal or State lists reviewed.

Twenty orphan sites were listed in the EDR Database Report. Orphan sites are defined as sites that cannot be mapped due to poor or inadequate address information. Twelve of the orphan sites were generally located in Glenmont, Albany, or Menands. Due to the distance between the Site and these locales, and their location west of the Hudson River, these orphan sites are not considered RECs. Two orphan sites were located in East Greenbush, and one is located in Clinton Heights. The orphan sites in East Greenbush are between one and two miles from the site, and Clinton Heights is approximately two miles south of the site.

Five orphan sites were located in Rensselaer. These five orphan sites were identified in at least one of the following databases: Facility Index System/Facility Registry System (FINDS), Resource Conservation and Recovery Act (RCRA) – Large Quantity Generator (LQG), Mines Master Index File (MINES), RCRA – NLR, Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) – No Further Remedial Action Planned (NFRAP), and MANIFEST database lists.

None of the orphan sites identified in the EDR Database Report are considered to be a REC.

The following summarizes the findings of the EDR database review, with a focus on sites that are located within one-quarter mile of the assessment property. Due to their proximity to the Site, they represent an increased potential for off-site impacts to the Site, if located in the apparent hydraulically upgradient direction.

Federal and State CERCLIS Databases

One site was identified in the CERCLIS database, which is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement.

- Hudson River PCBs – The Hudson River is approximately 1,300 feet west of the Site and was identified in the Federal CERCLIS database. The Hudson River PCB Superfund Site encompasses a nearly 200-mile stretch of the Hudson River in eastern New York State from Hudson Falls, New York to the Battery in New York City. From approximately 1947 to 1977, General Electric Company (GE) discharged as much as 1.1 million pounds of polychlorinated biphenyls (PCBs) from its capacitor manufacturing plants at the Hudson Falls and Fort Edward facilities into the Hudson River. A majority of the contaminants in the Hudson River are in a 40-mile stretch from Hudson Falls

to the Federal Dam in Troy, which is approximately eight miles north of the Site. The Federal Dam in Troy acts as a barrier preventing most of the contaminated sediment from being transported downstream.

The Hudson River was also identified in the following databases: National Priorities List (NPL), RCRA – LQG, Engineering Controls Sites List (US ENG CONTROLS), Institutional Controls (US INST CONTROLS), Superfund (CERCLA) Consent Decrees (CONSENT), Record of Decision (ROD), FINDS, Listing of Leaking Storage Tanks (HIST LTANKS), and NY SPILLS. The Hudson River is a regional groundwater discharge zone downgradient of the Site. Consequently, the Hudson River (and any PCBs present) is not considered a REC.

Federal RCRA Generators List

One property was identified on the RCRA - LQG list that is less than one-quarter mile from the Site. Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Two properties less than one-quarter mile from the site were listed on the RCRA- Conditionally Exempt Small Quantity Generators (CESQG) list.

- Hudson River PCBs – As previously mentioned, the Hudson River is approximately 1,300 feet west of the Site and was identified on the RCRA LQG list. The Hudson River PCB Superfund Site encompasses a nearly 200-mile stretch of the Hudson River in eastern New York State from Hudson Falls, New York to the Battery in New York City. From approximately 1947 to 1977, GE discharged as much as 1.1 million pounds of PCBs from its capacitor manufacturing plants at the Hudson Falls and Fort Edward facilities into the Hudson River. The Hudson River is a regional groundwater discharge zone downgradient of the Site. Consequently, the Hudson River is not considered a REC.

- Amtrak Rensselaer Maintenance Facility – Located at 675 Broadway, less than one-quarter mile northwest of the Site was listed in RCRA-CESQGs database, and in other databases that are described in detail below. In 1980, this facility was listed as a small quantity generator (SQG). From 1994 through 1999, the facility was listed as a large quantity generator (LQG). In 2002 the facility was listed as a SQG and in 2006 it was listed as a CESQG. There were two violations listed in the database report for this facility. One violation was

issued in July 1986 and compliance was achieved in May 1987. The second violation was issued in January 1992 with compliance achieved in November 1994. For both violations the area of violation is listed as generators – general. No further information was provided in the database report. This property is not considered a REC because it is presumably cross-gradient of the Site.

- Rensselaer City School District – Located at 555 Broadway, less than one-quarter mile southwest of the Site was listed in RCRA-CESQGs database, on MANIFEST lists, and in FINDS. There were no violations listed for this facility and therefore, it is not considered a REC. Additionally, this property is presumably down-gradient of the Site.

RCRA-NonGen List

Two sites were identified on the RCRA non-generator list and the FINDS database. Facilities listed as RCRA non-generators do not presently generate hazardous waste. These sites are summarized below:

- Rensselaer Service – Located at 625 East Street, less than one-quarter mile south of the Site was identified on the RCRA non-generator list and the FINDS database. In July 1991 this facility was identified as a small quantity generator (SQG). In July 1999 the status was changed to non-generator. This facility is not considered a REC because there were no violations listed in the EDR Database Report. Additionally, the property is presumably cross-gradient of the Site.

- AJ Martino – Located at 551 Broadway, less than one-quarter mile southwest of the Site was identified on the RCRA non-generator list and the FINDS database. In June 1991 this facility was identified as a SQG. In July 1999 the status was changed to non-generator. This property is not considered a REC because there were no violations listed in the EDR Database Report. Additionally, the property is presumably cross-gradient of the Site.

Leaking Storage Tank (LTANK) Database

There were five cases identified in the LTANK and HIST LTANK databases and two additional cases identified in the historical leaking tanks (HIST LTANK) database that are located less than one-quarter miles from the Site. These cases are summarized below:

- Hudson River PCBs – As previously mentioned, no applicable street address was provided in the EDR Database Report for the Hudson River PCB site. According to the NYSDEC Spill Incident Database, the spill associated with this HIST LTANK was identified to be located in Cementon, New York. In September 1987 approximately 500 gallons of diesel fuel was released into the Hudson River due to a tank failure in Cementon. The spill case was closed in February 1988. Cementon, New York is located approximately 40 miles downstream of the Site and therefore, this spill is not considered a REC.

- Stewarts, Partition Street – Located at 12 Partition Street, less than one-quarter mile southeast of the Site, was identified in LTANK and HIST LTANK databases. This property was identified in other databases that are described in detail below. In April 1998 contaminated soil was encountered when removing USTs that previously contained gasoline. There was a soil and groundwater investigation conducted to evaluate contamination. According to the EDR Database Report contamination was defined and contained on the property. The spill case was closed in March 2001, but was not cleaned up to meet standards. This property is considered a REC because the spill was not closed to standards, and the property is presumably upgradient of the Site.

- Amtrak Maintenance Facility – Located at 617 Broadway, less than one-quarter mile northwest of the Site, was identified in LTANK, HIST LTANK, NY SPILLS, and HIST SPILLS databases, and on MANIFEST lists. This facility is listed at 617 Broadway and 675 Broadway, on the EDR database maps, but appears to be the same property. A spill was reported on June 17, 1989, due to overfilling a storage tank. This spill case was closed on June 20, 1989 and was cleaned up to meet standards. On December 9, 1989, there was a spill reported due to a tank overfill. Approximately 50 gallons of diesel fuel spilled by the loading pad. Domermuth Environmental cleaned up the diesel fuel. The spill case was closed on December 14, 1989 and did meet cleanup standards. In July 1991, there was a spill reported due to tank failure. Contaminated soil was found when drilling test borings. There was a leak found in the line at the loading rack. The spill case was closed in April 1993 and was cleaned up to meet standards. There was another spill reported on July 9, 1992 due to

overfilling a storage tank. This spill case was closed on August 4, 1992 and was cleaned up to meet standards. Spill cases were cleaned up to meet standards, and therefore, this property is not considered a REC. Additionally, this property is presumably cross-gradient of the Site.

- Price Chopper Gas Station – Located at 625 East Street, less than one-quarter mile south of the Site was identified in LTANK and HIST LTANK databases. In September 1987, five 4,000-gallon USTs failed tank tightness tests. The tanks and approximately 2,300 tons of soil were removed from the property. The spill was closed in February 1999 and was cleaned up to meet standards. This property is presumably cross-gradient of the Site and therefore, is not considered a REC.

- Micheli Contracting – Located at 95 Lawrence St, less than one quarter-mile southeast of the Site was identified in LTANK and HIST LTANK databases. On November 10, 1992, a petroleum tank overfilled. The spill was closed as meeting standards on November 30, 1992 and therefore, is not considered a REC. In addition, this property is cross-gradient of the Site.

- Martino's Service– Located at 551 Broadway, less than one-quarter mile southwest of the Site, was identified in the HIST LTANKS database. In December 1992 a gasoline UST of unknown size failed a tank test. The spill was closed to standards in November 1993 and therefore, is not considered a REC. In addition, this property is cross-gradient of the Site.

Registered Underground and Aboveground Storage Tank (UST/AST) Database

One site was identified in the Major Oil Storage Facilities (MOSF) UST database and in the MOSF above-ground storage tank (AST) database. A facility listed as a MOSF has petroleum storage capacities of 400,000 gallons or greater. Five sites within one-quarter mile of the Site were listed in the UST and the historic UST (HIST UST). Two sites within one-quarter mile of the Site were identified in the AST database, one of which was also identified in the historic AST (HIST AST) database. These sites are summarized below:

- Amtrak Maintenance Facility – Located at 617 Broadway, less than one-quarter mile north of the Site, was identified in MOSF UST and MOSF AST databases. According to the EDR database this facility has a total capacity of 437,775 gallons. There are 14 registered in service USTs and 5 registered in

service ASTs at the facility. This facility is not considered a REC because it is presumably cross-gradient from the Site and is located at an elevation that is approximately 20 feet lower than the Site.

- Stewarts, Partition Street – Located at 12 Partition Street, less than one-quarter mile southeast of the Site was identified in the UST database. There are three in-service USTs at this facility. There is one 8,000 gallon UST and two 4,000 gallon USTs, all of which were installed in April 1998. There were four 4,000 gallon USTs at the property installed in 1986, but they were closed and removed in April 1998. The three in-service USTs each have interstitial monitoring for leak protection. The current USTs are not considered a REC, but a spill associated with previous tanks is considered a REC.

- School 12, Harrison and First Street – Located at Harrison and First Streets in Troy, NY was identified in the UST and HIST UST databases, but was incorrectly located. In the EDR database this facility is placed less than one-quarter mile east of the Site; however, this facility is actually located in Troy, New York, approximately six miles north of the Site. Due to the distance between this facility and the Site, this facility is not considered a REC.

- City of Rensselaer D.P.W. – Located at 25 Willow Street, less than one-quarter mile southeast of the Site was identified in UST, HIST UST, AST, and HIST AST databases. One 2,000-gallon UST with unleaded gasoline installed in 1978 is in service at the site. One 550-gallon diesel AST, one 300-gallon diesel AST, one 750-gallon AST and one 200-gallon AST are in service at the property. There was a 2,000-gallon UST, a 550-gallon AST, and a 300-gallon AST at this facility, but each of these storage tanks were closed and removed from the facility in 2003. This property is presumably cross-gradient of the Site and is not considered a REC.

- Price Chopper Gas Station – Located at 625 East Street, less than one-quarter mile south of the Site was identified in UST and HIST UST databases. There are five 4,000-gallon USTs on the property that were installed in December 1969. These five USTs were closed prior to April 1991. There was a 6,000-gallon UST and a 4,000-gallon UST installed on the property in 1987, but both of these USTs were closed and removed in 1998. There were no in-service USTs registered at this facility. This property is presumably cross-gradient of the Site and is not considered a REC.

- Martino's Service – Located at 551 Broadway, less than one-quarter mile southwest of the site was identified in UST and HIST UST databases, in addition to LTANKs database. There were three tanks, two of which stored leaded gasoline and the third stored unleaded gasoline. The tanks were closed and removed in July 1993. One spill, previously discussed in the LTANK database summary, was reported in 1992. This spill was closed to standards in November 1993, and therefore, this property is not considered a REC. In addition, it is located presumably cross-gradient of the Site.

- Micheli Contracting Corporation – Located at 95 Lawrence Street, less than one-quarter mile southeast of the Site was identified in the AST database. This facility was listed as an active PBS facility. There are three registered ASTs at the facility with capacities of 275-gallons, 1,000-gallons, and 500-gallons. This facility is not considered a REC because it is located presumably cross-gradient of the Site.

Spills Database

Twenty-two spill cases were identified in the NY SPILLS and historic spills (NY HIST SPILLS) database at six properties within one-quarter mile of the Site. One additional spill was identified in the NY HIST SPILLS database. These spill cases are summarized below:

- Stewarts, Partition Street – Located at 12 Partition Street, less than one-quarter mile southeast of the Site was identified in the NY SPILLS database. On February 4, 1994 there was a spill reported at this property. In the EDR Report the spill is described as a gasoline spill on pavement. No further information was provided. The spill case was closed on February 10, 1994 and was cleaned up to meet standards. On April 13, 1998 a spill was reported when contaminated soil was encountered while removing a UST. This spill was previously described in the LTANK summary. The spill was closed, not meeting standards, on March 26, 2001. On December 1, 2003 there was another spill reported at this property. A customer spilled approximately one-half of a gallon of gasoline onto the pavement. The fire department and police were dispatched to clean up the spill. The spill case was closed on March 2, 2004 and was cleaned up to meet standards. On February 8, 2008, there was another spill reported at this property due to a customer gas tank that was leaking. Sand was put down and Albany Tank Service came to clean up the spill. According to the EDR Report, all of the gasoline was contained on

asphalt. This spill case was closed on February 11, 2008 to meet standards. This property is presumably up-gradient of the Site, and is considered a REC due to the April 13, 1998 spill that was closed without meeting standards.

- 822 Broadway – Located at 822 Broadway, less than one-quarter mile from the site, was listed in the NY SPILLS and HIST SPILLS databases. On January 23, 1996 petroleum odors were measured within the house. A leaking kerosene drum was discovered underneath the porch. Approximately 25 gallons had leaked. A vapor extraction system was installed to restore the site and alleviate the vapors. On September 15, 1996 an unknown odor was identified in the basement of the residence. The fire department, Niagara Mohawk, and Clean Harbors responded to the scene, but they were unable to determine the nature or source of odor. The spill was closed to meet standards on November 8, 1999.

- Abaire Residence, Lansing Place– Located at 87 Lansing Place, less than one-quarter of a mile southeast of the Site, was listed in the NY SPILLS and HIST SPILLS databases. On May 18, 1992 in a domestic dispute, a resident of 87 Lansing Place removed the oil pan plug from a car parked outside. According to the EDR database report, there was no response required from the NYSDEC. The spill case was closed on June 8, 1992 and was cleaned up to meet standards. Consequently, this property is not considered a REC, although it is presumably upgradient from the Site.

- Wilson Street Dumping – Located by EDR to be the west end of Wilson Street, less than one-quarter of a mile southeast of the Site was listed in the NY SPILLS and HIST SPILLS databases. In January 1999 an anonymous caller reported a spill to the NYSDEC. The NYSDEC investigator did not observe any evidence of a spill or illegal dumping. The spill case was closed on February 2, 1999. This property is not considered a REC because there was no evidence of a spill. Additionally, this property is presumably cross-gradient of the Site.

- Amtrak Maintenance Facility, Broadway – Located at 675 Broadway, less than one-quarter mile north of the Site, was identified in LTANK, HIST LTANK, NY SPILLS, and HIST SPILLS databases, and on MANIFEST lists. Some spills at this facility appear to be incorrectly placed on the EDR database maps. There were twelve spill cases reported at this property.

On June 17, 1989 a spill was reported. No further information was available. The spill was closed to standards on June 20, 1989. On December 9, 1989, there was a spill reported due to a tank overfill. This spill case was closed on December 14, 1989 and was previously described in the LTANKS summary. On November 1, 1991 a leaking line from a tank to a loading rack was discovered. The spill was closed to standards on October 2, 1992. There was a spill reported on April 14, 1992 due to an equipment failure. Approximately eight gallons of diesel spilled onto a paved platform when a hose that was refueling a power car leaked. The spill case was closed on April 16, 1992 and was cleaned up to meet standards. On July 12, 1993 a spill of 75 gallons of #2 fuel oil was spilled due to a nozzle that was off during fueling 0.5 miles south of the station. The spill was closed to meet standards on October 29, 1993. There was a spill of number two fuel oil reported on October 27, 1994 when contaminated soil was found while excavating near an UST. This spill case was closed on January 25, 1995 and was cleaned up to meet standards. On December 18, 1997 there was a spill reported due to equipment failure. Further information regarding this spill was obtained from the NYSDEC through a FOIL request and is included in Appendix D. There was a leak in the suction line of one of the 200,000 gallon fuel tanks. The leak was discovered by Amtrak when they were performing oil recovery from a prior spill in the area. The amount of product being recovered had increased, which led to an investigation of the other wells. Clean Harbors was contracted by Amtrak to perform remedial activities. This spill case has not been closed.

On July 30, 1998 a spill was reported due to contaminated soil in the vicinity of the maintenance facility. Analytical results from soil samples collected did not indicate chemical or petroleum constituents. This spill case was closed on May 20, 1999. There were two spills reported at the Amtrak Maintenance facility on August 31, 1999 due to equipment failures. One spill reported on August 31, 1999 was due to a broken fuel line on a train. This spill case was closed on November 19, 1999, but was not cleaned up to meet standards. The other spill that was took place on August 31, 1999 occurred while defueling a train; product overflowed out of the containment area onto soil. This spill case was closed on December 20, 1999, but was not cleaned up to meet standards.

On December 15, 2000, 10 gallons of diesel was spilled due to equipment failure. The spill was not cleaned up to standards and the case is not closed. On April 14, 1992 a spill was reported due to equipment failure. The spill was cleaned to standards, and the close date was April 16, 1992. On July 18, 2011

a spill was caused by a hose that ruptured during the filling of a railroad cart. Fuel was sprayed onto the access roadway and ran into a storm drain, which was connected to an oil-water separator. Contaminated stone was disposed of and the spill was closed, but not to standards, on August 8, 2011. The Amtrak Maintenance Facility is presumably cross-gradient of the Site and therefore, these spills are not considered RECs.

- Old Roxy Cleaners – Located at 800 Broadway and Partition Street, less than one-quarter mile from the site, was identified in NY SPILLS database. On July 26, 2004 a spill was reported because someone disposed of one to two gallons of hydrogen peroxide by dumping it in the street, producing a vapor cloud at 800 Broadway. The spill was closed, but did not meet standards, on July 14, 2009. This property is considered a REC because it operated as a dry cleaner from 1958 to 1978.

5.5 Area Radon Information (40 CFR §312.24(a))

The EDR Database Report included a radon summary which indicated that the average radon concentration of 113 homes tested in the City of Rensselaer was 5.99 pCi/L. The geographically weighted mean was 2.81 pCi/l and the maximum concentration was 65.3 pCi/L. The EPA's recommended action level is 4 pCi/L. The Site is listed as a Zone 1 area in the EPA Federal Radon Database, which divides the United States into three zones based on radon potential. Zone 1 is classified as having a predicted average indoor radon screening level greater than 4 pCi/L.

According to the New York State Department of Health (NYSDOH), the estimated percent of homes with long-term living area radon levels greater than 4 pCi/L in the City of Rensselaer is nine percent.

5.6 Publicly Available Maps (40 CFR §312.24(a))

The following government-published map of the Site and the surrounding area were reviewed for information related to the Site's recognized environmental conditions.

- United States Geological Survey Topographic Map

ARCADIS reviewed the U.S. Geological Survey, 7.5 Minute Topographic Quadrangles of the Site to assess regional topographic characteristics. These characteristics are described, as appropriate, elsewhere in this Report.

5.7 Historical Aerial Photographs (40 CFR §312.24(a))

Historical aerial photographs from 1952, 1973, 1978, 1984, 1986, 1994, 1995, 2006 and 2008 were obtained from EDR and are provided in Appendix E. Conditions at the Site in the aerial photographs appear similar to those observed during the Site reconnaissance. In the 1952 and 1973 aerial photos, 824 Broadway appears to have a structure on the property. From 1978 to 1995, it is difficult to ascertain in the photos if any structures exist at the Site. In the 2006 and 2008 aerial photos, the Site appears vacant.

Since 1952 the Site has been located in a mixed residential/commercial area with the railroad as the major feature in the vicinity of the Site. A railroad roundhouse that was located less than one-quarter mile west of the Site is evident in the 1952 aerial photograph. A major change in the vicinity of the Site that took place between 1952 and 1973 was the construction of the Dunn Memorial Bridge and the removal of three bridges that were evident in the 1952 aerial photograph. In the 1973 photograph, the old railroad roundhouse has been replaced by the High School baseball and track fields.

5.8 Historical Topographic Maps (40 CFR §312.24(a))

The 1898, 1928, and 1950 U.S. Geological Survey 15 Minute Topographic maps of the Troy Quadrangle and the 1953 and 1980 U.S. Geological Survey 7.5 Minute Topographic maps for the area were obtained, and are provided in Appendix F. No details are depicted on the Site property, with the area shown to be densely developed. One notable difference between the topographic maps is the expansion of the railroad yard on property west of the Site along the Hudson River, particularly from 1898 to 1928. Another notable difference between current and historical topographic maps is the development of the City of Rensselaer and residential areas in the vicinity of the Site. On the 1898 U.S. Geological Survey topographic map, the City of Rensselaer consisted of three villages, Bath, East Albany, and Greenbush. By 1928 the City of Rensselaer was established with City limits and streets that appear similar to those that exist today. Interstate I-90 and I-787 are first present on the 1980 topographic map.

5.9 Historical City Directories (40 CFR §312.24(a))

A City Directories search was conducted by EDR and is provided in Appendix G. The search lists the occupied properties in the vicinity of the Site from applicable Directories for the years 1973, 1990, 1995 and 2002. In 1973, 824 Broadway is listed as Powell,

D.A. (North of) 1 Partition Street is not listed in directories in 1973. Both properties at the Site are not listed in the available city directories from 1990 to 2002. The years where information was available for adjoining parcels indicates that surrounding properties were occupied by both commercial and residential tenants. In 1973, the property at 800 Broadway had “Roxy Un Clnrs Inc” listed as the occupant. “John Josepsh’s Dry Cln” is listed at 908 Broadway in 1973, and 838 Broadway was occupied by French’s Repairing and Refinishing. Remaining properties identified in the city directory search of the vicinity consisted primarily of residential dwellings.

ARCADIS reviewed city directories from 1958, 1960, 1965, 1971, 1973, 1976, 1978, 1981, and 1986 in the Research room at City Hall. Roxy Cleaners was listed as the occupant of 800 Broadway in the 1958, 1960, 1969, 1971, 1976, and 1978 city directories.

5.10 Fire Insurance Maps (40 CFR §312.24(a))

Sanborn® maps for properties in the vicinity of the Site were requested from EDR, and are included in Appendix H. Maps are provided for the years 1909, 1925, 1949, and 1967. During this span of time, the area consisted of residential and commercial establishments.

A structure listed as a dwelling is present at 824 Broadway in each Sanborn® map. (North of 1) Partition Street is undeveloped from 1909 to 1967. Other properties in the vicinity are shown as dwellings and stores.

6. Site Reconnaissance (40 CFR §312.27)

ARCADIS performed a site reconnaissance to obtain information indicating the likelihood of recognized environmental conditions in connection with the Site. Observations made during the site reconnaissance are presented below. ARCADIS also visually observed properties surrounding the Site and the general area. Observations made during the site reconnaissance and general area are incorporated into area descriptions provided in preceding parts of this Report. The site reconnaissance and general area observation was performed by Christine Thomas on May 17, 2012.

6.1 Observations of Exterior and Interior Portions of Property (40 CFR §312.27(1))

As shown in the Site photographs in Appendix A, the Site property at 824 Broadway consists of an undeveloped, vacant lot. There are no structures on the property. The property is generally flat with a gentle slope to the west. The Site property at (North of) 1 Partition Street is generally flat with a gentle slope to the north. The Site is mostly covered by grass vegetation and dirt. The Site is in a mixed residential/commercial area of Rensselaer.

6.1.1 Roads, Parking Areas, and Site Access

The property at 824 Broadway can be accessed from Broadway. The property at (North of) 1 Partition Street can be accessed from Partition Street.

6.1.2 Hazardous Substances and Petroleum Products Storage Areas

No evidence of hazardous substances or petroleum products was noted on the Site.

6.1.3 Underground/Aboveground Storage Tanks (USTs/ASTs)

No aboveground evidence of underground storage tanks (USTs) or aboveground storage tanks (ASTs) were observed on the Site during the time of field reconnaissance.

6.1.4 Solid Waste and Waste Disposal Areas

Some concrete and brick debris and slight mounding of the ground was visible on the eastern side of 824 Broadway. No solid waste disposal areas were noted at (North of) 1 Partition Street.

6.1.5 Odors

No odors were detected at the Site during the inspection.

6.1.6 Stained Soil, Stained Pavement, and Stressed Vegetation

There was no pavement, stained soil, or stressed vegetation noticed during the Site inspection. Fresh topsoil, indicative of disturbance, was observed at 824 Broadway near the road.

6.1.7 Pools of Liquid

No pools of potentially hazardous or petroleum-related liquids were observed during the Site inspection.

6.1.8 Stormwater and Wastewater

Stormwater conveyances were not observed during the Site inspection.

6.1.9 Pits, Ponds or Lagoons

No pits, ponds or lagoons were observed within the subject property during the on-site inspection.

6.1.10 Wells

Neither groundwater monitoring wells nor piezometers were observed on the Site during the Site inspection.

6.1.11 PCBs and Asbestos

One pole mounted transformer was observed at 1 Partition Street and one transformer was observed on Broadway in front of the Veterans VFW Building. There was no evidence of leakage from either transformer. It is unknown if they contain PCBs. No structures that may include asbestos-containing materials were observed during the Site inspection.

6.2 Site Photographs

Photographs taken during the site reconnaissance are provided in Appendix A.

6.3 Observations of Adjoining Properties (40 CFR §312.27(2))

824 Broadway is bordered to the north by an American Legion Post and to the south by the City Library and the former Roxy Cleaners, followed by Partition Street. To the west is Broadway, beyond which is an active railroad. (North of) 1 Partition Street is bordered to the north by undeveloped, vacant land and to the south by undeveloped land and Partition Street. (North of) 1 Partition Street is bordered to the west by the

City Library, the former Roxy Cleaners, and Broadway, beyond which is an active railroad. (North of) 1 Partition Street is bordered to the east by residences.

7. Information from Interviews (40 CFR §312.23)

As part of this ESA, ARCADIS contacted individuals thought to have knowledge about the Site, to request an interview about the Site's recognized environmental conditions. The following summarizes information obtained during the interviews:

7.1 Interviews with Parties other than the Current Owner and Occupant (40 CFR §312.23 (C) & (D))

Ms. Sarah Crowell

(518) 465-1693

62 Washington Street

Rensselaer, NY 12144

Ms. Sarah Crowell, the Director of Planning for the City, provided her knowledge regarding the history of the property.

8. Findings

ARCADIS has performed a Phase I Environmental Site Assessment in conformance with the scope proposed and subject to limitations described in the Report. Any exceptions to, or deletions from, this practice are described in the Limitations section of this Report.

8.1 Property Data Gaps (40 CFR §312.10)

No neighboring property owners were interviewed. This is not anticipated to significantly affect the findings of this Phase I ESA.

8.2 Findings

This assessment has revealed evidence of three recognized environmental conditions associated with the Site, as defined in Section 3.0 of this Report. Based on knowledge that two properties in the vicinity of the Site operated as dry cleaners, 800 Broadway and 908 Broadway are considered RECs. The spill at the Stewart's gas station at 12

Partition Street is considered a REC because it was not closed to standards and the property is upgradient from the Site.

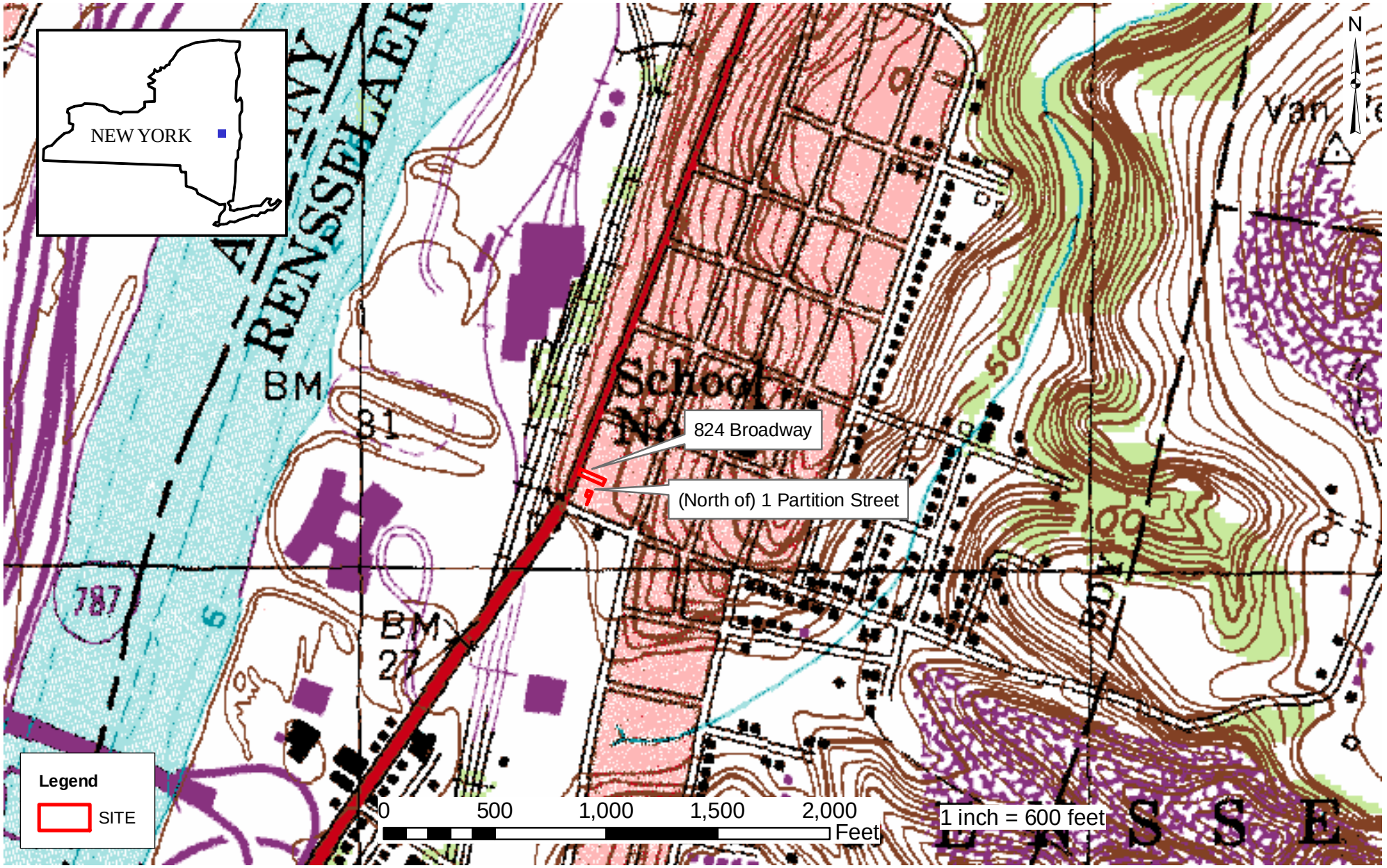
8.3 Recommendations

Based on the evidence of three off-site RECs associated with this property, ARCADIS recommends completion of a Phase II ESA at 824 Broadway and (North of) 1 Partition Street. The Phase II ESA should include soil, groundwater, and soil vapor sampling for VOCs.

9. References

Cadwell, D.H. et. al., 1986, Ed. by Cadwell, D.H. and R.J. Dineen, 1987. Surficial Geologic Map of New York, Hudson-Mohawk Sheet, New York State Museum and Science Service Map and Chart Series No.40.

Fisher, D.W., Isachsen, Y.W., and L.V. Rickard, 1970, Geologic Map of New York, Hudson-Mohawk Sheet, New York State Museum and Science Service Map and Chart Series No. 15.



SOURCE: USGS Topographic Quadrangles Troy South, 1953, Photorevised 1980; Albany, 1953, Photorevised 1980; 1:24,000

ARCADIS
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PHASE I ENVIRONMENTAL SITE ASSESSMENT
CITY OF RENSSELAER, NEW YORK
USEPA BROWNFIELD
HAZARDOUS SUBSTANCES ASSESSMENT GRANT
ASSISTANCE ID No. BF-97249507-0

824 BROADWAY AND
(NORTH OF) 1 PARTITION STREET
TOPOGRAPHIC MAP

ARCADIS OF NEW YORK, INC.

JUNE 2012

FIGURE 1

SOURCE: NYSDOP High Resolution Imagery 2011, NYS GIS Clearing house: http://gis.ny.gov/gateway/mg/

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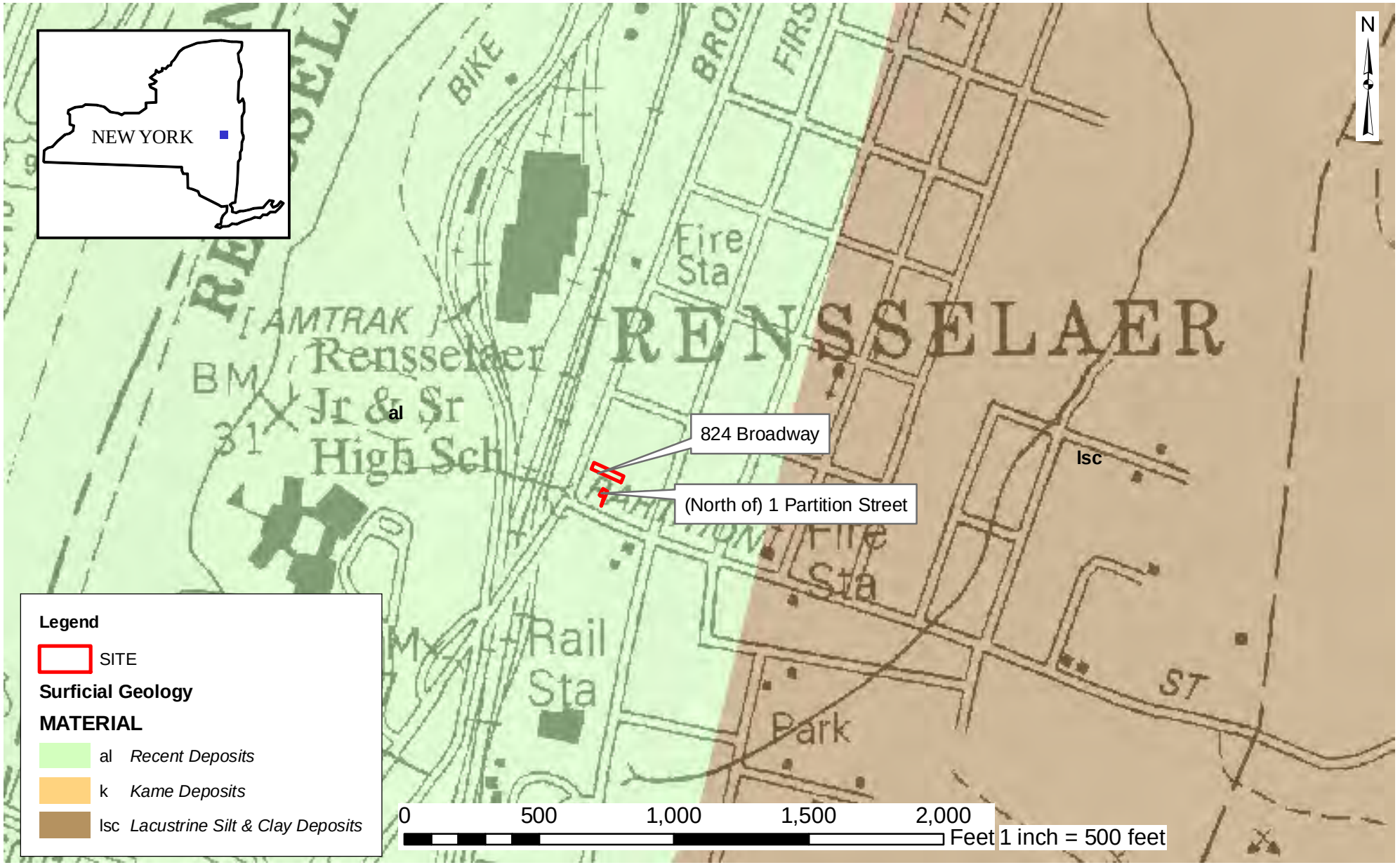
PHASE I ENVIRONMENTAL SITE ASSESSMENT
CITY OF RENSSELAER, NEW YORK
USEPA BROWNFIELD
HAZARDOUS SUBSTANCES ASSESSMENT GRANT
ASSISTANCE ID No. BF-97249507-0

824 BROADWAY AND
(NORTH OF) 1 PARTITION STREET
AERIAL PHOTOGRAPH

ARCADIS OF NEW YORK, INC.

JUNE 2012

FIGURE 2



SOURCE: Cadwell, et al., 1988 Surficial Geologic Map of New York, Hudson Mohawk Sheet; Department of Transportation Quadrangle
NYS Geologic maps were created at a scale of 1:250,000. Use of these data at a larger scale does not provide greater accuracy.

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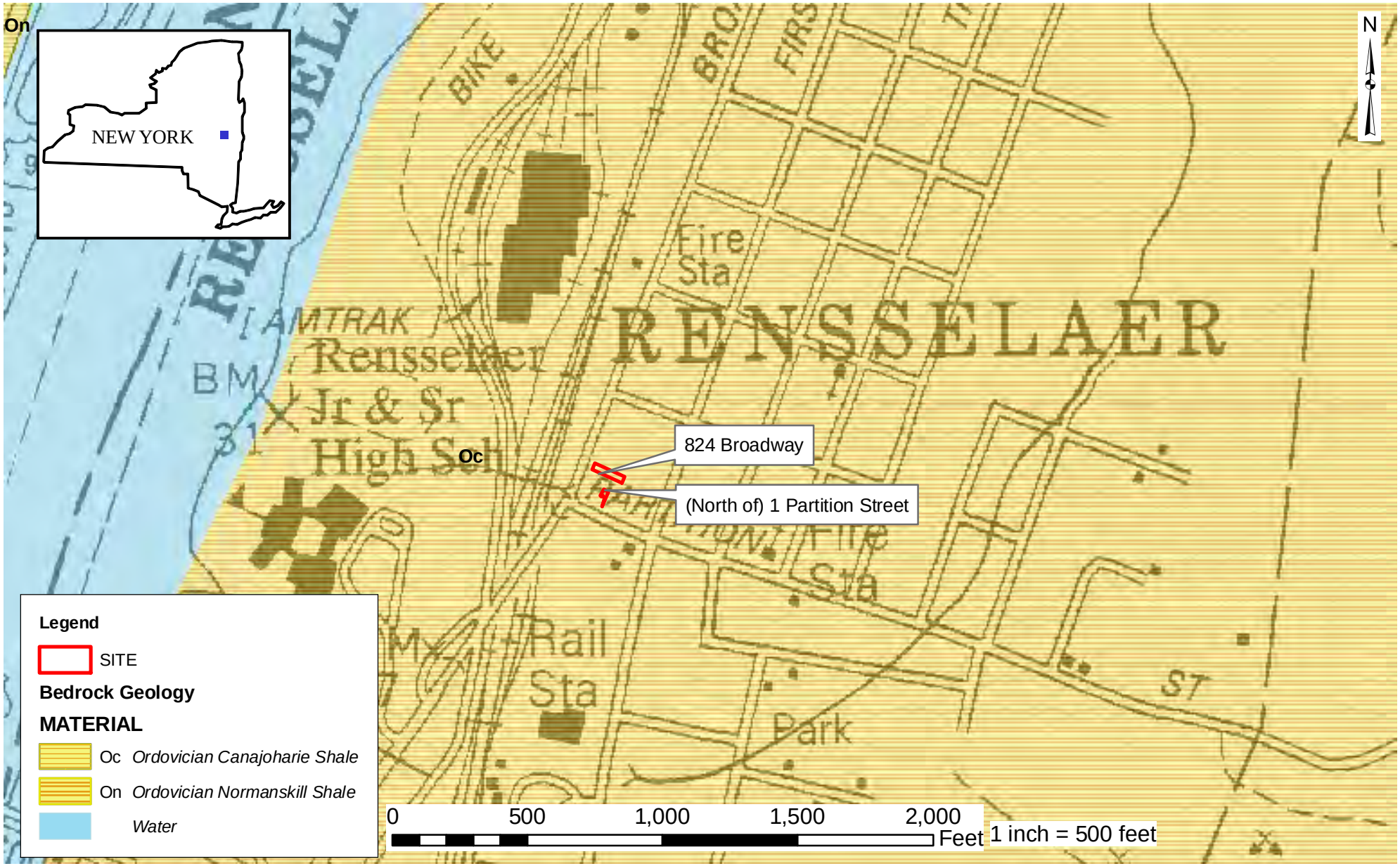
PHASE I ENVIRONMENTAL SITE ASSESSMENT
CITY OF RENSSELAER, NEW YORK
USEPA BROWNFIELD
HAZARDOUS SUBSTANCES ASSESSMENT GRANT
ASSISTANCE ID No. BF-97249507-0

824 BROADWAY AND
(NORTH OF) 1 PARTITION STREET
SURFICIAL GEOLOGIC MAP

ARCADIS OF NEW YORK, INC.

JUNE 2012
FIGURE 3



SOURCE: Cadwell, et al., 1988 Surficial Geologic Map of New York, Hudson Mohawk Sheet; Department of Transportation Quadrangle
NYS Geologic maps were created at a scale of 1:250,000. Use of these data at a larger scale does not provide greater accuracy.

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PHASE I ENVIRONMENTAL SITE ASSESSMENT
CITY OF RENSSELAER, NEW YORK
USEPA BROWNFIELD
HAZARDOUS SUBSTANCES ASSESSMENT GRANT
ASSISTANCE ID No. BF-97249507-0

824 BROADWAY AND
(NORTH OF) 1 PARTITION STREET
BEDROCK GEOLOGIC MAP

ARCADIS OF NEW YORK, INC.

JUNE 2012

FIGURE 4

ARCADIS

Appendix **A**

Site Photographs

Photo 1. (North of) 1 Partition Street, facing north

Photo 2. (North of) 1 Partition Street, facing south

Photo 3. Building at 810 Broadway that borders (North of) 1 Partition Street to the west, facing northwest

Photo 4. Site (824 Broadway) facing east

Photo 5. Site (824 Broadway) facing east

Photo 6. Property adjacent to the north of 824 Broadway is occupied by an American Legion Post, facing north

Photo 7. 810 Broadway (Former City Library) and 800 Broadway (Former Roxy Dry Cleaners), facing southeast

Photo 8. 800 Broadway (Former Roxy Dry Cleaners), facing west

Photo 9. Drain pipe at back of Former Roxy Cleaners, facing northwest

Photo 10. Pole mounted transformer adjacent to (North of) 1 Partition Street.

ARCADIS

Appendix **B**

Environmental Lien and Chain of Title Search Report

May 24, 2012

Ms. Joanna Gramigna
EDR
440 Wheelers Farms Road
Milford, CT 06460

REFERENCE #: 03321801.7 & 03321801.12

SUBJECT: 824 BROADWAY & N OF 1 PARTITION STREET
824 BROADWAY & N OF 1 PARITITION STREET
RENSSELAER, NY 12144

Dear Ms. Gramigna:

Public records on the subject real property identified above revealed the following information effective to May 15, 2012:

PROPERTY REPORT

ASSESSMENT

Location: **Rensselaer County**

Land/Description: **Parcel of Land**
Parcel No. 143.52-3-21

DEEDS

1

Grantee(s): (Buyer) **City of Rensselaer**

Grantor(s): for (Seller) **Margaret M. Van Dike, as Treasurer and as Tax Enforcing Officer for the City of Rensselaer**

Conveys: Parcel of Land

Date Executed:	October 3, 2002
Date Recorded:	October 31, 2002
DBV/PG:	372/1822

NOTE: Tax Enforcing Officer Deed attached as Exhibit "A."

2

Grantee(s): (Buyer) **City of Rensselaer**

Grantor(s): (Seller) **Singil Housing Corp.**

Conveys: Parcel of Land

Date Executed:	September 15, 1997
Date Recorded:	September 17, 1997
DBV/PG:	107/36

3

Grantee(s): (Buyer) **Singil Housing Corp.**

Grantor(s): (Seller) **Deborah L. Brophy**

Conveys: Parcel of Land

Date Executed:	August 13, 1985
Date Recorded:	August 15, 1985
DBV/PG:	1379/611

4

Grantee(s): (Buyer) **Deborah L. Brophy**

Grantor(s): (Seller) **John R. Brophy and Deborah L. Brophy**

Conveys: Parcel of Land

Date Executed:	January 23, 1985
Date Recorded:	January 24, 1985
DBV/PG:	1373/814

5

Grantee(s): (Buyer) **John R. Brophy and Deborah L. Brophy**

Grantor(s): (Seller) **Earl Dobert**

Conveys: Parcel of Land

Date Executed: March 31, 1977
Date Recorded: April 1, 1977
DBV/PG: 1290/31

6

Grantee(s): (Buyer) **Earl Dobert**

Grantor(s): (Seller) **Earl Dobert and Judith Dobert**

Conveys: Parcel of Land

Date Executed: June 4, 1976
Date Recorded: June 9, 1976
DBV/PG: 1281/379

7

Grantee(s): (Buyer) **Earl Dobert and Judith Dobert**

Grantor(s): (Seller) **William J. Roberts, executor of the Last Will and Testament of Dawn A. Powell**

Conveys: Parcel of Land

Date Executed: June 17, 1975
Date Recorded: July 16, 1975
DBV/PG: 1272/800

8

Grantee(s): (Buyer) **Dawn Powell**

Grantor(s): (Seller) **Robert William Hackel and Carre Hackel**

Conveys: Parcel of Land

Date Executed: February 24, 1950
Date Recorded: February 27, 1950
DBV/PG: 847/52

9

Grantee(s): (Buyer) **Robert William Hackel and Carre Hackel**

Grantor(s): (Seller) **West End Federal Savings & Loan Association of Albany**

Conveys: Parcel of Land

Date Executed: February 24, 1950
Date Recorded: February 27, 1950
DBV/PG: 847/29

10

Grantee(s): (Buyer) **West End Federal Savings & Loan Association of Albany**

Grantor(s): (Seller) **Annie G. Scott**

Conveys: Parcel of Land

Date Executed: September 21, 1944
Date Recorded: October 11, 1944
DBV/PG: 703/301

11

Grantee(s): (Buyer) **John A. Scott and Annie G. Scott**

Grantor(s): (Seller) **John J. Zenner and Anna N. Zenner**

Conveys: Parcel of Land

Date Executed:	March 29, 1920
Date Recorded:	March 30, 1920
DBV/PG:	386/248

LEGAL DESCRIPTION

Legal Description included on Exhibit "A."

We hope this information assists in your decision making process. If we can be of additional assistance, please do not hesitate to contact us at your convenience.

Cordially,

NCO FINANCIAL SYSTEMS, INC.
FINANCIAL INVESTIGATIVE SERVICES

Rachel Prince
Title Analyst

RP/lh
cc: Chris Naquin

NCO File 843179

TERMS AND CONDITIONS

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EXHIBIT A

Financial Investigative Services
Mailing Address: 3850 North Causeway Boulevard, 3rd Floor, Metairie, Louisiana 70002
(National Toll Free) 800/755-0435 | (Louisiana) 504/837-6320 | (Fax) 504/835-2872

FRANK J. MEROLA
Clerks Office
RENSSELAER COUNTY CLERK
Troy, NY 12180

INSTRUMENT #: 2002-00096697

Type of Instrument : DEED W PYMT

Remarks: CITY OF RENSSELAER

RENSSELAER CITY OF
TO
RENSSELAER CITY OF

Recorded In The CITY OF REN

Recording Charges: .00 Recording Pages: 4

** EXAMINED AND CHARGED AS FOLLOWS : **

** TRANSFER TAX ** ** MTG/DEED AMOUNT **
.00

RP#: 1911 Mortgage#:

Serial #s: Recorded Tax on Above Mortgage
Basic: .00
Special Add: .00
Taxes: Additional: .00
Mortgage Tax Total: .00

Total Recording Fees: .00

**** THIS PAGE IS PART OF THE INSTRUMENT ****

I HEREBY CERTIFY THAT THE WITHIN AND FOREGOING WAS RECORDED IN THE CLERK'S OFFICE FOR

INSTRUMENT #: 2002-00096697
On (Recorded) Date: 10/31...
AT Time): 04:04
Terminal ID: 104

Rec. 10/31/02

Record and Return:

PATRICK HATTAN

Frank J. Merola
Rensselaer County Clerk

RENSSELAER COUNTY 1791

372 1822

D. 143.52-3-21

TAX ENFORCING OFFICER'S DEED

THIS INDENTURE,

Between, Margaret M. Van Dyke, as Treasurer and as Tax Enforcing Officer for the City of Rensselaer, Rensselaer City Hall, 505 Broadway, Rensselaer, New York 12144, party of the first part, and the City of Rensselaer, a municipal corporation and a political subdivision of the State of New York, Rensselaer City Hall, 505 Broadway, Rensselaer, New York 12144, party of the second part;

Witnesseth, That, Whereas, by and under the provisions of Article 11 of the Real Property Tax Law of the State of New York, the Final Judgment of the Rensselaer County Court dated the 12th day of September, 2002 has been entered under said Real Property Tax Law Article 11 and directing the Treasurer of the City of Rensselaer as Tax Enforcing Officer to prepare, execute and cause to be recorded a deed conveying to the City of Rensselaer full and complete title to each such parcel;

Now, Therefore, Margaret M. Van Dyke, as Treasurer of the City of Rensselaer and as Tax Enforcing Officer for the City of Rensselaer, hereby grants and conveys unto the City of Rensselaer, its successors and assigns forever, full and complete title to all that lot, piece or parcel of land situate in the City of Rensselaer, County of Rensselaer, State of New York, described as follows:

Tax Map Number: ~~381400~~ 143.52-3-21

FORMERLY:
City of Rensselaer

Property Location: 824 Broadway,

Together, with the hereditaments and appurtenances thereunto belonging;

To Have and to Hold, the premises herein are granted unto the party of the second part, its successors and assigns forever, as fully and absolutely as the party of the first part, as Treasurer and Tax Enforcing Officer, can or ought to convey by virtue of the said Final Judgment and the law relating thereto.

372 1823

In Presence of

In Witness Whereof, I have hereunto subscribed my name, and affixed my official seal at Rensselaer, New York this 3rd day of ~~September~~ October, in the year Two Thousand Two.

(Seal)

Margaret M. Van Dyke, as Treasurer of the City of Rensselaer and as Tax Enforcing Officer for the City of Rensselaer

State of New York)
) ss.:
County of Rensselaer)

On this 3rd day of ~~September~~ October in the year Two Thousand Two, before me personally came Margaret M. Van Dyke, to me known, and known to me to be the Treasurer of the City of Rensselaer and the Tax Enforcing Officer of the City of Rensselaer, described in, who executed the same in her capacity as the Treasurer of the City of Rensselaer and as Tax Enforcing for the City of Rensselaer for the reasons, uses, and purposes therein stated, all pursuant to the Final Judgment (Index Number 200377) of the Honorable Patrick J. McGrath, Rensselaer County Judge, dated the 12th day of September, 2002. And that by her signature on the instrument, the individual, or person upon behalf of which the individual acted, executed the instrument.

Notary Public, State of New York

PATRICK M. GRATTAN
NOTARY PUBLIC, STATE OF NEW YORK
No. [illegible]
Qualified in [illegible] County
Commission Expires [illegible], 2003

R&R
Patrick M. Grattan, Esq.
PO Box 718
Valatie, NY 12184

372 1824

May 24, 2012

Ms. Joanna Gramigna
EDR
440 Wheelers Farms Road
Milford, CT 06460

REFERENCE #: 03321805.1

SUBJECT: NORTH OF 1 PARITION STREET
NORTH OF 1 PARITION STREET
RENSSELAER, NY 12144

Dear Ms. Gramigna:

Public records on the subject real property identified above revealed the following information effective to May 17, 2012:

PROPERTY REPORT

ASSESSMENT

Location: **Rensselaer County**

Land/Description: **Parcel of Land**
Parcel No. 143.52-3-17.1

DEEDS

1

Grantee(s): (Buyer) **The City of Rensselaer**

Grantor(s): (Seller) **William F. Carroll, as City Treasurer of the City of Rensselaer, New York**

Conveys: Parcel of Land

Date Executed:	May 3, 1993
Date Recorded:	May 4, 1993
DBV/PG:	1685/311

NOTE: Copy attached as Exhibit "A."

2

Grantee(s): (Buyer) **Daniel E. Kiley and Dorothy E. Kiley**

Grantor(s): (Seller) **Francis T. Welch and Barbara E. Welch**

Conveys: Parcel of Land

Date Executed:	July 14, 1977
Date Recorded:	July 18, 1977
DBV/PG:	1293/147

3

Grantee(s): (Buyer) **Francis T. Welch and Barbara E. Welch**

Grantor(s): (Seller) **Marcia M. Welch**

Conveys: Parcel of Land

Date Executed:	May 3, 1965
Date Recorded:	May 6, 1965
DBV/PG:	1150/456

4

Grantee(s): (Buyer) **Frank L. Welch and Marcia M. Welch**

Grantor(s): (Seller) **Marcia M. Welch**

Conveys: Parcel of Land

Date Executed:	May 18, 1960
Date Recorded:	May 23, 1960
DBV/PG:	1073/92

5

Grantee(s): (Buyer) **Marcia M. Welch, sole remaining heir of Ella G. Connolly**

Grantor(s): (Seller) **Thomas Jerome Connolly, as distribute under the Last Will and Testament of Ella G. Connolly**

Conveys: Parcel of Land

Date Executed:	April 11, 1960
Date Recorded:	May 6, 1960
DBV/PG:	1072/233

6

Grantee(s): (Buyer) **Thomas P. Connolly and Ellen G. Connolly**

Grantor(s): (Seller) **John F. Kapp and Mary Kapp**

Conveys: Parcel of Land

Date Executed:	July 1, 1914
Date Recorded:	July 2, 1914
DBV/PG:	354/287

LEGAL DESCRIPTION

Legal Description included on Exhibit “A.”

We hope this information assists in your decision making process. If we can be of additional assistance, please do not hesitate to contact us at your convenience.

Cordially,

NCO FINANCIAL SYSTEMS, INC.
FINANCIAL INVESTIGATIVE SERVICES

Rachel Prince
Title Analyst

RP/lh
cc: Chris Naquin

NCO File 843180

TERMS AND CONDITIONS

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EXHIBIT A

Financial Investigative Services
Mailing Address: 3850 North Causeway Boulevard, 3rd Floor, Metairie, Louisiana 70002
(National Toll Free) 800/755-0435 | (Louisiana) 504/837-6320 | (Fax) 504/835-2872

To Recds.

THIS INDENTURE, made the 3rd day of May, in the year Nineteen Hundred and Ninety Three, between WILLIAM F. CARROLL as City Treasurer of the City of Rensselaer, New York, party of the First Part, and THE CITY OF RENSSELAER, NEW YORK, a municipal corporation of the State of New York, having its principal place of business at City Hall, 505 Broadway, Rensselaer, New York, Party of the Second Part.

WITNESSETH.

WHEREAS an action entitled "In the Matter of Foreclosure of Tax Liens on property in the City of Rensselaer, New York pursuant to Article Eleven, Title Three of the Real Property Tax Law by John J. Dwyer as City Treasurer and Enforcing Officer of the City of Rensselaer, New York by Action In Rem" was duly brought in the County Court of Rensselaer County for the foreclosure of certain tax liens, by the filing of a List of Delinquent Taxes in the Office of the County Clerk of the County of Rensselaer, New York, on the 18th day of February, 1992 and by the due publication and posting of a Public Notice of Foreclosure in due form and dated March 10, 1992 and the due mailing thereof to owners of all property affected and other persons interest; and

WHEREAS at a Special Term of said Court held at the Court House, Troy, New York on the 19th day of April, 1993 a judgment was duly rendered wherein it was, among other things, ordered, adjudged and decreed by said Court that the Party of the First Part, as enforcing officer of the City of Rensselaer should execute and deliver to the Party of the Second Part a deed to the certain parcels and tracts of land hereinafter more specifically described and

WHEREAS said Judgment was duly entered in the Rensselaer County Clerk's Office on the 28th day of April, 1993, Index #176702

NOW, THEREFORE, this Indenture WITNESSETH: The Party of the First Part, by virtue of and pursuant to the aforesaid judgment and the statutes in such cases made and provided, and for the sum of One Dollar ($1.00) to him in hand paid, the receipt whereof is hereby acknowledged, and other good and valuable consideration, does hereby grant and convey unto the Party of the Second Part, its successors and assigns a full and complete title to and in the following parcels situate, lying and being in the City of Rensselaer, New York:

RENSSELAER COUNTY CLERK
MAY 4 12 2 PM '93
00002825
TROY, N.Y.

$.0 RECEIVED
REAL ESTATE
MAY 4 1993
TRANSFER TAX
RENSSELAER
COUNTY

$ RECEIVED
REAL ESTATE
MAY 4 1993
TRANSFER TAX
RENSSELAER
COUNTY

LIBER 1685 PAGE 0311

Parcel #-63
City and County of Rensselaer
Alleged Owner: Gavina M. Lasek
144.46-1-2 106 JOHN STREET
VACANT LAND FT 50 X 100

Parcel #-64
City and County of Rensselaer
Alleged Owner: Gavina M. Lasek
144.38-1-5 110 JOHN STREET
VACANT\COMM FT 63 X 100

Parcel #-65
City and County of Rensselaer
Alleged Owner: Gavina M. Lasek
144.46-1-1 112 JOHN STREET
VACANT LAND FT 63 X 218

Parcel #-66
City and County of Rensselaer
Alleged Owner: Estate of George Kapp
144.46-1-5 114 JOHN STREET
VACANT LAND FT 100 X 100

Parcel #-67
City and County of Rensselaer
Alleged Owner: Mary Joan Janenka
143.60-4-24.2 79 LAWRENCE STREET
VACANT LAND FT 82 X 155

Parcel #-70
City and County of Rensselaer
Alleged Owner: Owner Unknown
133.73-2-1 MANDERS AVENUE
VACANT LAND LOT 23 MAP 37-3

Parcel #-71
City and County of Rensselaer
Alleged Owner: Deboray Mary Gavin
133.3-5 35 MANDERS AVENUE
RURAL LOT #10 ACRES 4.76

Parcel #-85
City and County of Rensselaer
Alleged Owner: Daniel and Dorothy Kiley
143.52-3-17.1 1 NORTH PARTITION ST
VACANT LAND ACRES .01

Parcel #-86
City and County of Rensselaer
Alleged Owner: Singil Housing Ltd.
144.45-9-14 41 PARTITION ST
HOUSE FT 25 X 100

Parcel #-87
City and County of Rensselaer
Alleged Owner: Singil Housing Ltd.
144.45-12-6 50 PARTITION ST
HOUSE FT 25 X 103

Parcel #-88
City and County of Rensselaer
Alleged Owner: Singil Housing Ltd.
144.45-7-10 71 PARTITION ST
HOUSE FT 74 X 73.70

Parcel #-92
City and County of Rensselaer
Alleged Owner: Ostrander Slayton
133.73-2-8 921 ROLLINS AVENUE
VACANT LAND FT 86 X 180

Parcel #-93
City and County of Rensselaer
Alleged Owner: Ostrander Slayton
133.73-2-9 923 ROLLINS AVENUE
VACANT LAND FT 142 X 156

Parcel #-94
City and County of Rensselaer
Alleged Owner: Unknown
133.73-2-10 ROLLINS AVENUE
VACANT LAND FT 164 X 110

TO HAVE AND TO HOLD, all and singular, the premises above mentioned and described and hereby conveyed, unto the Party of the Second Part, its successors and assigns forever.

IN WITNESS WHEREOF, the Party of the First Part, as City Treasurer of the City of Rensselaer in pursuance of the authority vested in him hath hereunto set his hand and affixed the seal of his office this 3rd day of May, 1993.

William F. Carroll
As City Treasurer of the City
of Rensselaer, New York

STATE OF NEW YORK :
SS.
COUNTY OF RENSSELAER:

On this 3rd day of May, Nineteen Hundred and Ninety Three, before me, the subscriber, personally appeared William F. Carroll City Treasurer of the City of Rensselaer, New York, to me known and known to me to be the same person described in and who executed the foregoing instrument and he duly acknowledged to me that he executed the same.

Gail J. Mrkvicka

GAIL J. MRKVICKA
Notary Public, State of New York
Qualified in Rensselaer County
Commission Expires 3/31/94

R+R to: Joseph Liccardi,
Corporation Counsel
City of Rensselaer
505 Broadway
Rensselaer, N.Y.
12144

BOOK 1685 PAGE 0316

ARCADIS

Appendix **C**

Database Report

824 Broadway and N of 1 Partition St
824 Broadway
Rensselaer, NY 12144

Inquiry Number: 3321801.2s
May 11, 2012

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

824 BROADWAY
RENSSELAER, NY 12144

COORDINATES

Latitude (North):	42.6465000 - 42° 38' 47.40''
Longitude (West):	73.7396000 - 73° 44' 22.56''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	603323.7
UTM Y (Meters):	4722116.0
Elevation:	42 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	42073-F6 TROY SOUTH, NY
Most Recent Revision:	1980
West Map:	42073-F7 ALBANY, NY
Most Recent Revision:	1994

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2009
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL---------- Proposed National Priority List Sites

NPL LIENS ---- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---- Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ---- CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ---- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-SQG ---- RCRA - Small Quantity Generators

Federal ERNS list

ERNS ---- Emergency Response Notification System

State- and tribal - equivalent CERCLIS

VAPOR REOPENED ---- Vapor Intrusion Legacy Site List

State and tribal leaking storage tank lists

INDIAN LUST ---- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

TANKS ---- Storage Tank Faciliy Listing
CBS UST ---- Chemical Bulk Storage Database
CBS AST ---- Chemical Bulk Storage Database
CBS ---- Chemical Bulk Storage Site Listing
INDIAN UST ---- Underground Storage Tanks on Indian Land
FEMA UST ---- Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS ---- Registry of Engineering Controls
INST CONTROL ---- Registry of Institutional Controls
RES DECL ---- Restrictive Declarations Listing

State and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing

VCP ---------- Voluntary Cleanup Agreements

State and tribal Brownfields sites

ERP ---------- Environmental Restoration Program Listing
BROWNFIELDS ---------- Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---------- Open Dump Inventory
SWRCY ---------- Registered Recycling Facility List
SWTIRE ---------- Registered Waste Tire Storage & Facility List
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ---------- Clandestine Drug Labs
DEL SHWS ---------- Delisted Registry Sites
US HIST CDL ---------- National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

HIST AST ---------- Historical Petroleum Bulk Storage Database

Local Land Records

LIENS 2 ---------- CERCLA Lien Information
LUCIS ---------- Land Use Control Information System
LIENS ---------- Spill Liens Information

Records of Emergency Release Reports

HMIRS ---------- Hazardous Materials Information Reporting System

Other Ascertainable Records

DOT OPS ---------- Incident and Accident Data
DOD ---------- Department of Defense Sites
FUDS ---------- Formerly Used Defense Sites
UMTRA ---------- Uranium Mill Tailings Sites
MINES ---------- Mines Master Index File
TRIS ---------- Toxic Chemical Release Inventory System
TSCA ---------- Toxic Substances Control Act
FTTS ---------- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS ---------- FIFRA/TSCA Tracking System Administrative Case Listing
SSTS ---------- Section 7 Tracking Systems

ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
HSWDS	Hazardous Substance Waste Disposal Site Inventory
UIC	Underground Injection Control Wells
DRYCLEANERS	Registered Drycleaners
NPDES	State Pollutant Discharge Elimination System
AIRS	Air Emissions Data
E DESIGNATION	E DESIGNATION SITE LISTING
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
COAL ASH	Coal Ash Disposal Site Listing
FINANCIAL ASSURANCE	Financial Assurance Information Listing
COAL ASH DOE	Sleam-Electric Plan Operation Data

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 09/07/2011 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***N 1/8 - 1/4 (0.248 mi.)***	***0***	***7***

EXECUTIVE SUMMARY

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 12/27/2011 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	*NO STREET APPLICABLE*	*N 1/8 - 1/4 (0.248 mi.)*	*0*	*7*

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 11/10/2011 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	*NO STREET APPLICABLE*	*N 1/8 - 1/4 (0.248 mi.)*	*0*	*7*

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 11/10/2011 has revealed that there are 2 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMTRAK RENSSELAER MAINT FACIL	*675 BROADWAY*	*SSW 0 - 1/8 (0.036 mi.)*	*B3*	*43*
RENSSELAER CITY SCHOOL DIST	*555 BROADWAY*	*SW 1/8 - 1/4 (0.242 mi.)*	*G25*	*139*

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 12/30/2011 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***N 1/8 - 1/4 (0.248 mi.)***	***0***	***7***

US INST CONTROL: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

A review of the US INST CONTROL list, as provided by EDR, and dated 12/30/2011 has revealed that there is 1 US INST CONTROL site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***N 1/8 - 1/4 (0.248 mi.)***	***0***	***7***

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the SHWS list, as provided by EDR, and dated 03/29/2012 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER ALBANY LABORATORIES	***67 HOWARD STREET***	***WNW 1/2 - 1 (0.852 mi.)***	***39***	***177***
Class Code: Significant threat to the public health or environment - action required.				

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the SWF/LF list, as provided by EDR, and dated 04/11/2012 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RENSSELAER SLF	??	ENE 1/4 - 1/2 (0.470 mi.)	37	176

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the LTANKS list, as provided by EDR, and dated 03/29/2012 has revealed that there are 9 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STEWARTS PARTITION ST Date Closed: 3/26/2001	***12 PARTITION ST***	***SE 0 - 1/8 (0.053 mi.)***	***C11***	***77***
YAZDI PROPERTY GLEN ST Date Closed: 10/17/2002	54 GLEN ST	ENE 1/4 - 1/2 (0.270 mi.)	31	162
AMTRAK EAST ST @ HERRICK Date Closed: 4/9/1991	***EAST ST & HERRICK***	***S 1/4 - 1/2 (0.332 mi.)***	***J34***	***170***
AMTRAK RENSSELAER TRAIN STATIO Date Closed: 10/13/2005	525 EAST ST	S 1/4 - 1/2 (0.332 mi.)	J35	173

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMTRAK BROADWAY Date Closed: 4/7/1993	***BROADWAY .5MI S OF STAT***	***NNW 1/8 - 1/4 (0.146 mi.)***	***18***	***102***
PRICECHOPPER GAS EAST ST Date Closed: 2/1/1999	***EAST ST 625?***	***S 1/8 - 1/4 (0.174 mi.)***	***20***	***114***
MICHELI CONTRACTING Date Closed: 11/30/1992	***95 LAWRENCE ST***	***SSE 1/8 - 1/4 (0.248 mi.)***	***H27***	***150***
MARTINO'S SERVICE Date Closed: 11/3/1993	***551 BROADWAY***	***SW 1/8 - 1/4 (0.248 mi.)***	***G29***	***154***
CITY OF RENSSELAER Date Closed: 8/18/1987	***505 BROADWAY***	***SW 1/4 - 1/2 (0.321 mi.)***	***I32***	***163***

HIST LTANKS: A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database.

A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there are 12 HIST LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS Date Closed: 02/18/88	***NO STREET APPLICABLE***	***N 1/8 - 1/4 (0.248 mi.)***	***0***	***7***
STEWARTS PARTITION ST Date Closed: 03/26/01	***12 PARTITION ST***	***SE 0 - 1/8 (0.053 mi.)***	***C11***	***77***
AMTRAK EAST ST @ HERRICK Date Closed: 04/09/91	***EAST ST & HERRICK***	***S 1/4 - 1/2 (0.332 mi.)***	***J34***	***170***

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMTRAK RENSSELAER MAINT FACIL Date Closed: 08/04/92	***675 BROADWAY***	***SSW 0 - 1/8 (0.036 mi.)***	***B3***	***43***

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMTRAK BROADWAY Date Closed: 12/14/89	***675 BROADWAY ON PLATFOR***	***SSW 0 - 1/8 (0.036 mi.)***	***B7***	***63***
AMTRAK MAINTENANCE FAC. BROADW Date Closed: 06/20/89	***617 BROADWAY AMTRAK***	***SSW 0 - 1/8 (0.042 mi.)***	***B10***	***74***
AMTRAK BROADWAY Date Closed: 04/07/93	***BROADWAY .5MI S OF STAT***	***NNW 1/8 - 1/4 (0.146 mi.)***	***18***	***102***
PRICECHOPPER GAS EAST ST Date Closed: 02/01/99	***EAST ST 625?***	***S 1/8 - 1/4 (0.174 mi.)***	***20***	***114***
MICHELI CONTRACTING Date Closed: 11/30/92	***95 LAWRENCE ST***	***SSE 1/8 - 1/4 (0.248 mi.)***	***H27***	***150***
MARTINOS CIBRO BROADWAY Date Closed: 11/03/93	551 BROADWAY	SW 1/8 - 1/4 (0.248 mi.)	G28	152
CITY HALL BROADWAY Date Closed: 08/18/87	505 BROADWAY	SW 1/4 - 1/2 (0.321 mi.)	I33	169
TANK UNDER DUNN BRIDGE Date Closed: 01/28/98	BROADWAY @ 4TH ST	SW 1/4 - 1/2 (0.460 mi.)	36	174

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, and dated 04/03/2012 has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STEWART'S SHOP # 262	12 PARTITION STREET	SE 0 - 1/8 (0.053 mi.)	C12	83
SCHOOL 12	***HARRISON & FIRST STREET***	***E 1/8 - 1/4 (0.156 mi.)***	***19***	***111***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY OF RENSSELAER D.P.W.	***25 WILLOW ST***	***SSE 1/8 - 1/4 (0.204 mi.)***	***E22***	***121***
PRICE CHOPPER GAS #67	***625 EAST ST***	***S 1/8 - 1/4 (0.205 mi.)***	***F24***	***130***
MARTINO'S SERVICE	***551 BROADWAY***	***SW 1/8 - 1/4 (0.248 mi.)***	***G29***	***154***

MOSF UST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the MOSF UST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 MOSF UST site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMTRAK RENSSELAER MAINT FACIL	***675 BROADWAY***	***SSW 0 - 1/8 (0.036 mi.)***	***B3***	***43***

EXECUTIVE SUMMARY

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the AST list, as provided by EDR, and dated 04/03/2012 has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY OF RENSSELAER D.P.W.	***25 WILLOW ST***	***SSE 1/8 - 1/4 (0.204 mi.)***	***E22***	***121***
MICHELI CONTRACTING CORP.	95 LAWRENCE ST	SSE 1/8 - 1/4 (0.248 mi.)	H26	146

MOSF AST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the MOSF AST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 MOSF AST site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMTRAK RENSSELAER MAINT FACIL	***675 BROADWAY***	***SSW 0 - 1/8 (0.036 mi.)***	***B3***	***43***

MOSF: These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

A review of the MOSF list, as provided by EDR, and dated 04/03/2012 has revealed that there is 1 MOSF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMTRAK BROADWAY MAINT FAC	***675 BROADWAY***	***SSW 0 - 1/8 (0.036 mi.)***	***B8***	***67***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

HIST UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 5 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STEWARTS SHOPS CORP 262	12 PARTITION STREET	SE 0 - 1/8 (0.053 mi.)	C13	89
SCHOOL 12	***HARRISON & FIRST STREET***	***E 1/8 - 1/4 (0.156 mi.)***	***19***	***111***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY OF RENSSELAER D.P.W.	***25 WILLOW ST***	***SSE 1/8 - 1/4 (0.204 mi.)***	***E21***	***118***
PRICE CHOPPER GAS #67	***625 EAST ST***	***S 1/8 - 1/4 (0.205 mi.)***	***F24***	***130***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MARTINO'S SERVICE	***551 BROADWAY***	***SW 1/8 - 1/4 (0.248 mi.)***	***G29***	***154***

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 03/29/2012 has revealed that there are 9 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STUTO 822 BROADWAY ODOR	***822 BROADWAY***	***NNE 0 - 1/8 (0.001 mi.)***	***A1***	***36***
Date Closed: 11/8/1999				
Date Closed: 9/16/1996				
STEWARTS PARTITION ST	***12 PARTITION ST***	***SE 0 - 1/8 (0.053 mi.)***	***C11***	***77***
Date Closed: 3/2/2004				
Date Closed: 2/11/2008				
**Additional key fields are available in the Map Findings section*				
849 2ND AVE	***849 2ND AVE @ 123RD ST***	***E 0 - 1/8 (0.108 mi.)***	***D14***	***93***
Date Closed: 5/18/2000				
869 SECOND AVE LLC	869 2ND AVE @ 126TH ST	E 0 - 1/8 (0.113 mi.)	D15	96
Date Closed: 2/6/2009				
ABAIRE RES LANSING PL CAR	***87 LANSING PL***	***SE 0 - 1/8 (0.115 mi.)***	***16***	***97***
Date Closed: 6/8/1992				
WILSON ST DUMPING	***WILSON ST @ END OF ST***	***SSE 0 - 1/8 (0.125 mi.)***	***17***	***100***
Date Closed: 2/1/1999				

Lower Elevation	Address	Direction / Distance	Map ID	Page
OLD ROXY CLEANERS BROADWAY	BROADWAY @ PARTITION ST	SSW 0 - 1/8 (0.018 mi.)	A2	41
Date Closed: 12/2/2005				
AMTRAK BROADWAY MAINT FAC	***675 BROADWAY***	***SSW 0 - 1/8 (0.036 mi.)***	***B8***	***67***
Date Closed: 11/19/1999				
Date Closed: 9/12/2005				
**Additional key fields are available in the Map Findings section*				
AMTRAK MAINTENANCE FAC. BROADW	***617 BROADWAY AMTRAK***	***SSW 0 - 1/8 (0.042 mi.)***	***B10***	***74***
Date Closed: 6/20/1989				

NY Hist Spills: This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database.

A review of the NY Hist Spills list, as provided by EDR, and dated 01/01/2002 has revealed that there

are 10 NY Hist Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STUTO 822 BROADWAY ODOR	***822 BROADWAY***	***NNE 0 - 1/8 (0.001 mi.)***	***A1***	***36***
STEWARTS PARTITION ST	***12 PARTITION ST***	***SE 0 - 1/8 (0.053 mi.)***	***C11***	***77***
849 2ND AVE	***849 2ND AVE @ 123RD ST***	***E 0 - 1/8 (0.108 mi.)***	***D14***	***93***
ABAIRE RES LANSING PL CAR	***87 LANSING PL***	***SE 0 - 1/8 (0.115 mi.)***	***16***	***97***
WILSON ST DUMPING	***WILSON ST @ END OF ST***	***SSE 0 - 1/8 (0.125 mi.)***	***17***	***100***

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMTRACK AMTRAK	675 BROADWAY	SSW 0 - 1/8 (0.036 mi.)	B4	60
AMTRAK MAINT FACILITY	675 BROADWAY	SSW 0 - 1/8 (0.036 mi.)	B5	61
AMTRAK BROADWAY	***675 BROADWAY ON PLATFOR***	***SSW 0 - 1/8 (0.036 mi.)***	***B7***	***63***
AMTRAK BROADWAY MAINT FAC	***675 BROADWAY***	***SSW 0 - 1/8 (0.036 mi.)***	***B8***	***67***
AMTRAK MAINT FAC BROADWAY	675 BROADWAY	SSW 0 - 1/8 (0.036 mi.)	B9	72

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 11/10/2011 has revealed that there are 2 RCRA-NonGen sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
RENSSELAER SERVICE	***625 EAST ST***	***S 1/8 - 1/4 (0.205 mi.)***	***F23***	***128***
MARTINO A J	***551 BROADWAY***	***SW 1/8 - 1/4 (0.248 mi.)***	***G30***	***160***

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 12/01/2011 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***N 1/8 - 1/4 (0.248 mi.)***	***0***	***7***

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 09/28/2011 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***N 1/8 - 1/4 (0.248 mi.)***	***0***	***7***

MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the MANIFEST list, as provided by EDR, and dated 01/10/2012 has revealed that there are 2 MANIFEST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMTRAK BROADWAY MAINT FAC	***675 BROADWAY***	***SSW 0 - 1/8 (0.036 mi.)***	***B8***	***67***
RENSSELAER CITY SCHOOL DIST	***555 BROADWAY***	***SW 1/8 - 1/4 (0.242 mi.)***	***G25***	***139***

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there is 1 Manufactured Gas Plants site within approximately 1 mile of the target property.

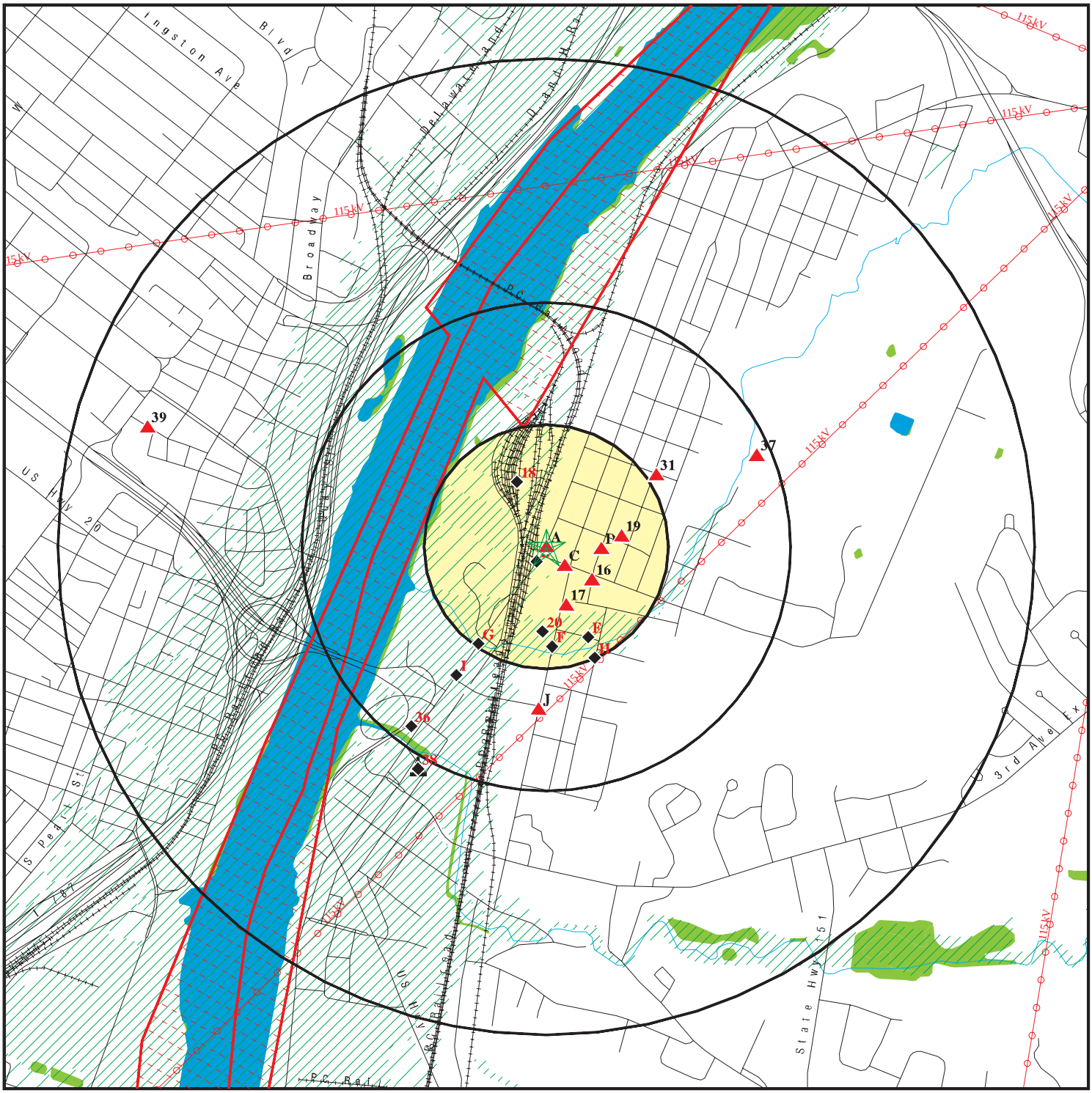
Lower Elevation	Address	Direction / Distance	Map ID	Page
NIAGARA MOHAWK- RENSSELAER MGP	WASHINGTON ST.	SSW 1/2 - 1 (0.525 mi.)	38	177

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

Site Name	Database(s)
NYSDOT - REGION 1	FINDS,RCRA-NLR,MANIFEST
NYSDOT - REGION 1	FINDS,RCRA-NLR,MANIFEST
NYSDOT - REGION 1	FINDS,MANIFEST,RCRA-NLR
NYSDOT	FINDS,RCRA-NLR,MANIFEST
GLENMONT JOB CORPS.	MANIFEST
ALBANY STEAM STATION	MANIFEST
ID NOT IN TRANSPORTER FILE	MANIFEST
NIAGARA MOHAWK POWER CORP.	MANIFEST
PSE&G ALBANY STEAM STATION	MANIFEST
CUMBERLAND FARMS	FINDS,RCRA-NLR,MANIFEST,MANIFEST
AMERADA HESS CORP	FINDS,MANIFEST,RCRA-NLR
CUMBERLAND FARMS	FINDS,MANIFEST,RCRA-CESQG
RENSSELAER LF	CERCLIS-NFRAP
NYSDOT BIN 2005510	RCRA-LQG
NYSDOT BIN 109254B	FINDS,RCRA-NLR
NYSDOT BIN 109298A	RCRA-NLR
NYSDOT BIN 1092630	FINDS,RCRA-NLR
TWO GUYS STORE - VACANT	FINDS,RCRA-NLR
NYSDOT BIN 2202220	FINDS,RCRA-NLR
WILLAM J. KELLER & SONS CONSTRUCTI	MINES

OVERVIEW MAP - 3321801.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 824 Broadway and N of 1 Partition St	CLIENT: ARCADIS, U.S. Inc.
ADDRESS: 824 Broadway Rensselaer NY 12144	CONTACT: Alina Walcek
LAT/LONG: 42.6465 / 73.7396	INQUIRY #: 3321801.2s DATE: May 11, 2012 4:59 pm

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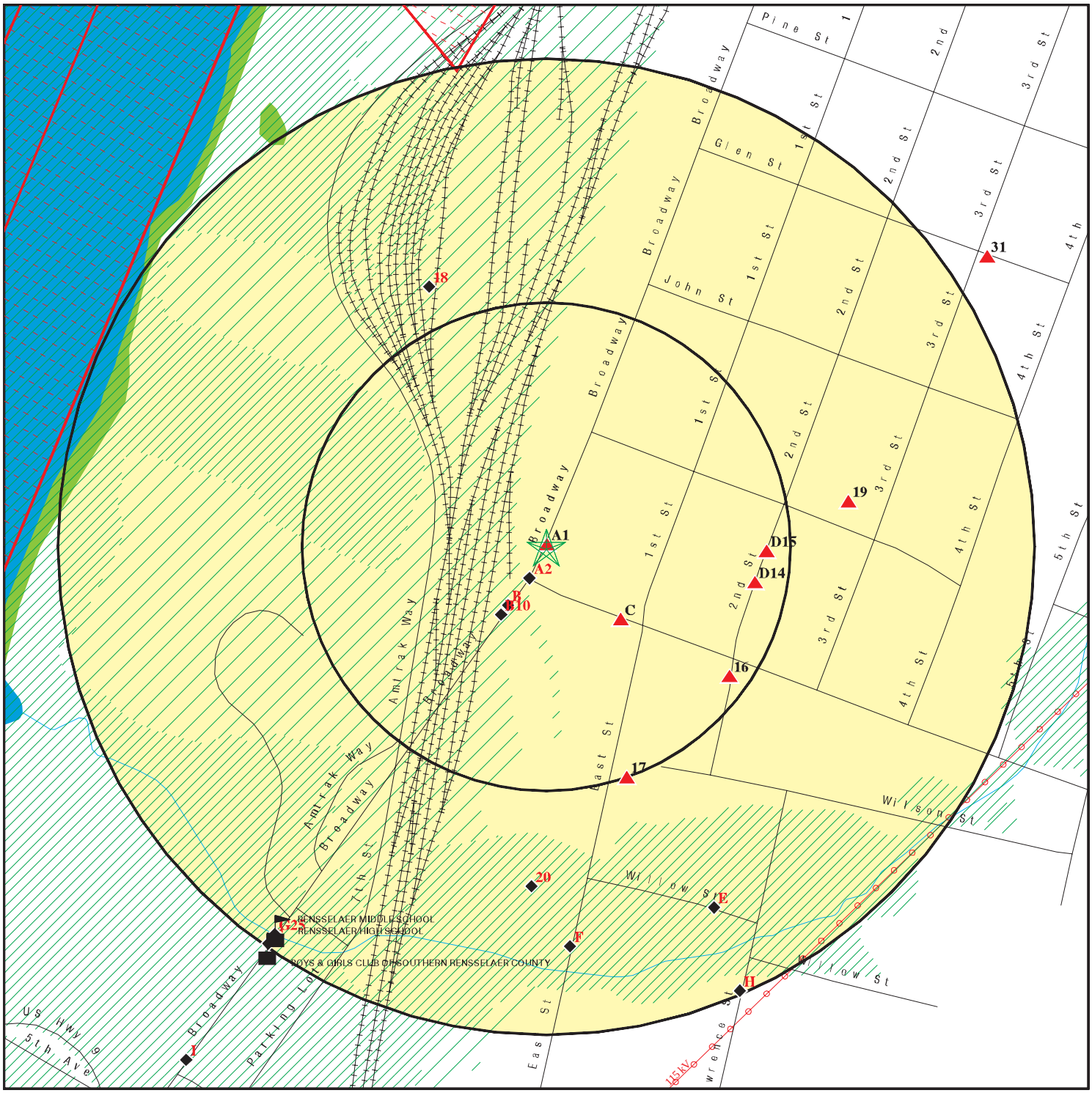
DETAIL MAP - 3321801.2s



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 824 Broadway and N of 1 Partition St ADDRESS: 824 Broadway Rensselaer NY 12144 LAT/LONG: 42.6465 / 73.7396	CLIENT: ARCADIS, U.S. Inc. CONTACT: Alina Walcek INQUIRY #: 3321801.2s DATE: May 11, 2012 5:03 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	1	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	1	0	NR	NR	1
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		1	1	NR	NR	NR	2
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	1	0	NR	NR	1
US INST CONTROL	0.500		0	1	0	NR	NR	1
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		0	0	0	1	NR	1
VAPOR REOPENED	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	1	NR	NR	1
State and tribal leaking storage tank lists								
LTANKS	0.500		1	4	4	NR	NR	9
HIST LTANKS	0.500		4	5	3	NR	NR	12
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
TANKS	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		1	4	NR	NR	NR	5
CBS UST	0.250		0	0	NR	NR	NR	0
MOSF UST	0.500		1	0	0	NR	NR	1
AST	0.250		0	2	NR	NR	NR	2
CBS AST	0.250		0	0	NR	NR	NR	0
MOSF AST	0.500		1	0	0	NR	NR	1
MOSF	0.500		1	0	0	NR	NR	1
CBS	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
RES DECL	0.125		0	NR	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
ERP	0.500		0	0	0	NR	NR	0
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
HIST UST	0.250		1	4	NR	NR	NR	5
HIST AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUCIS	0.500		0	0	0	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		9	NR	NR	NR	NR	9
NY Hist Spills	0.125		10	NR	NR	NR	NR	10
Other Ascertainable Records								
RCRA-NonGen	0.250		0	2	NR	NR	NR	2
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	1	0	0	NR	1
ROD	1.000		0	1	0	0	NR	1
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
HSWDS	0.500		0	0	0	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		2	1	NR	NR	NR	3
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
E DESIGNATION	0.125		0	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants	1.000		0	0	0	1	NR	1

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

NPL **HUDSON RIVER PCBS** **NPL** **1000384273**
Region **NO STREET APPLICABLE** **CERCLIS** **NYD980763841**
North **HUDSON RIVER, NY 12801** **RCRA-LQG**
1/8-1/4 **US ENG CONTROLS**
1310 ft. **US INST CONTROL**
CONSENT
ROD
FINDS
HIST LTANKS
NY Spills

NPL:

EPA ID:	NYD980763841
EPA Region:	02
Federal:	N
Final Date:	1984-09-21 00:00:00

Category Details:

NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-<= 10 Feet
Category Value:	0

NPL Status:	Currently on the Final NPL
Category Description:	Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value:	10

Site Details:

Site Name:	HUDSON RIVER PCBS
Site Status:	Final
Site Zip:	12801
Site City:	HUDSON RIVER
Site State:	NY
Federal Site:	No
Site County:	WASHINGTON
EPA Region:	02
Date Proposed:	09/08/83
Date Deleted:	Not reported
Date Finalized:	09/21/84

Substance Details:

NPL Status:	Currently on the Final NPL
Substance ID:	Not reported
Substance:	Not reported
CAS #:	Not reported
Pathway:	Not reported
Scoring:	Not reported

NPL Status:	Currently on the Final NPL
Substance ID:	A046
Substance:	POLYCHLORINATED BIPHENYLS
CAS #:	1336-36-3
Pathway:	AIR PATHWAY
Scoring:	4

NPL Status:	Currently on the Final NPL
Substance ID:	A046
Substance:	POLYCHLORINATED BIPHENYLS
CAS #:	1336-36-3

HUDSON RIVER PCBS (Continued) **1000384273**

Pathway: SURFACE WATER PATHWAY
Scoring: 4

Summary Details:

Conditions at listing September 1983): The Hudson River PCBs Site is a 40-mile stretch of the Hudson River between Mechanicville and Fort Edward, New York. General Electric Co. discharged an estimated l.l million pounds of PCBs into this stretch of river. The State has identified 40 hot spots, defined as sediments contaminated with greater than 50 parts per million ppm) of PCBs. Also included in the site are five remnant areas, which are river sediments exposed when thelevel of the river was lowered due to removal of the Fort Edward Dam. The State has taken initial measures to stabili e the remnant areas from erosion. In September 1980, Congress passed an amendment to the Clean Water Act CWA) that included the Hudson River PCB Reclamation Demonstration Project. Under this legislation, the EPA Administrator could authori e a 75 percent grant, not to exceed 20 million. EPA issued a final Environmental Impact Statement in October 1982 evaluating various dredging alternatives for a demonstration project. EPA has prepared a feasibility study to evaluate alternative remedial actions under CERCLA. The Administrator has determined that CERCLA funds may be used for remedial action atthe remnant areas and for evaluating the effectiveness of the water supply system at Waterford, New York. Status June 1984): EPA has completed a draft feasibility study identifying alternatives for remedial action. A search for partiespotentially responsible for wastes associated with the site has been completed, and EPA has sent letters to two potentially responsible parties notifying them of possible legal action under CERCLA.

Site Status Details:
NPL Status: Final
Proposed Date: 09/08/1983
Final Date: 09/21/1984
Deleted Date: Not reported

Narratives Details:
NPL Name: HUDSON RIVER PCBS
City: HUDSON RIVER
State: NY

CERCLIS:
Site ID: 0202229
EPA ID: NYD980763841
Facility County: WASHINGTON
Short Name: HUDSON RIVER PCBS
Congressional District: 20
IFMS ID: 0284
SMSA Number: 2975
USGC Hydro Unit: 02020003
Federal Facility: Not a Federal Facility
DMNSN Number: Not reported
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

RST Code:	Not reported
EPA Region:	02
Classification:	Waterways/Creeks/Rivers
Site Settings Code:	SU
NPL Status:	Currently on the Final NPL
DMNSN Unit Code:	Not reported
RBRAC Code:	Not reported
RResp Fed Agency Code:	Not reported
Non NPL Status:	Not reported
Non NPL Status Date:	Not reported
Site Fips Code:	36115
CC Concurrence Date:	Not reported
CC Concurrence FY:	Not reported
Alias EPA ID:	Not reported
Site FUDS Flag:	Not reported

CERCLIS Site Contact Name(s):

Contact ID:	13000744.00000
Contact Name:	BENNY CONETTA
Contact Tel:	(212) 637-3030
Contact Title:	Remedial Project Manager (RPM)
Contact Email:	CONETTA.BENNY@EPA.GOV

CERCLIS Site Alias Name(s):

Alias ID:	101
Alias Name:	HUDSON RIVER PCBS
Alias Address:	Not reported WARREN, NY
Alias ID:	102
Alias Name:	HUDSON RIVER PCBS
Alias Address:	NO STREET APPLICABLE NO CITY APPLICABLE, NY 12801
Alias ID:	103
Alias Name:	HUDSON RIVER PCBS
Alias Address:	NO STREET APPLICABLE HUDSON RIVER, NY 12801
Alias Comments:	Not reported

Site Description: The Hudson River PCBs Site includes a nearly 200 river-mile stretch of the Hudson River in eastern New York State from the Village of Hudson Falls to the Battery in New York City. The Hudson River has been designated an American Heritage River because of its important role in American history and culture. This federal Superfund Record of Decision (ROD) addresses the risks to people and ecological receptors associated with polychlorinated biphenyls (PCBs) in the in-place sediments of the Upper Hudson River. The Site is divided into the Upper Hudson River which is the length of river between Hudson Falls and the Federal Dam at Troy, New York and the Lower Hudson River which is the length of river between Federal Dam at Troy and the Battery. For purposes of this project, EPA further divided the Upper Hudson River area into three main sections known as River Section 1, River Section 2, and River Section 3. The Site also includes five Remnant Deposits, which are areas of PCB-contaminated sediment that became exposed after the river water level dropped following removal of the Fort Edward Dam in 1973. The Upper Hudson River portion of the Site extends from the Fenimore Bridge in Hudson Falls to the Federal Dam at Troy, a distance of just over 43 river miles. The Lower Hudson River extends from the Federal Dam to the southern tip of Manhattan at the Battery in New York City. The Mid-Hudson River, which is primarily a subset of the Lower

HUDSON RIVER PCBS (Continued) **1000384273**

Hudson River, extends from the Federal Dam at Troy to just south of Poughkeepsie. The predominant sources of PCB contamination to the Upper Hudson River were two capacitor manufacturing plants owned and operated by GE. The plants are located adjacent to or near the Hudson River in the Village of Hudson Falls and the Town of Fort Edward. Over a 30-year period, the plants discharged a substantial amount of PCBs into the river. At the GE Hudson Falls plant, leakage of non-aqueous phase PCB-bearing oils through bedrock to the river continues to be a source of PCB contamination. Regarding the former outfall to the Hudson River from the GE Fort Edward plant, New York State Department of Environmental Conservation (NYSDEC) issued a Record of Decision in January 2000 that calls for the excavation of PCB-contaminated soil and sediment in this area of the Upper Hudson River shoreline in order to eliminate this source of PCBs to the river. EPA's analysis assumes a significantly reduced PCB loading to the river from these sources once the State's plans for remediation are implemented. PCBs, the chemicals of concern addressed in this decision document, have been classified by EPA as probable human carcinogens. They are also linked to other serious non- cancer adverse health effects based on observations in animals and emerging evidence in humans. Once discharged from the GE plants, the PCBs adhered to river sediment and accumulated downstream as they settled in impounded pools and other depositional areas. Historic fish and sediment data indicated PCBs were accumulating downstream of the old Fort Edward Dam as well as accumulating behind the dam. The removal of the dam in 1973 resulted in a remobilization and downstream distribution of PCBs that had accumulated behind the dam. Historically, the highest PCB sediment concentrations have been detected in the cohesive sediments within the Upper Hudson River. River scouring/ erosion and other mechanisms have mobilized PCB- contaminated sediments from the extensive cohesive deposits, redepositing them farther downstream all the way to the Battery. The preponderance of data indicates that burial of contaminated sediment by cleaner materials is not universally or uniformly occurring. Data also indicate that contaminated sediments in River Sections 1, 2 and 3 continue to serve as the major source of PCBs to the water column and the fish within the Upper Hudson River. During an approximate 30-year period ending in 1977, PCBs were used in capacitor manufacturing operations Hudson Falls and Fort Edward, New York facilities. PCB oils were discharged both directly and indirectly from these plants into the Hudson River. This included both non-permitted and permitted discharges. Even after permits were received in 1975, permit exceedances occurred. Estimates of the total quantity of PCBs discharged directly from the two plants into the river from the 1940s to 1977 are as high as 1,330,000 pounds (about 605,000 kg). Many of the PCBs discharged to the river adhered to sediments and accumulated with the sediments as they settled in the impounded pool behind the Fort Edward Dam, as well as other depositional areas farther downstream. Because of its deteriorating condition, the Fort Edward Dam was removed in 1973. Five areas of PCB-contaminated sediments were exposed due to the lowering of the river water level when the Fort Edward Dam was removed. These five areas are known as the Remnant Deposits. During subsequent floods, PCB-contaminated sediments from the Fort Edward Dam area were scoured and transported downstream. EPA notified the company that had the two plants of the remedy selected in the 1984 ROD and offered the company the opportunity to implement the selected remedy with respect to the Remnant Deposits and the Waterford drinking water supply evaluation. The company declined EPA's offer. NYSDEC, with funding provided by EPA, conducted the evaluation at the Waterford Water Works. In addition, NYSDEC prepared a design for the in- place containment of the Remnant Deposits. This design was completed in 1988. In March 1989, the company offered to assume responsibility for the implementation of the in-place containment remedy for the Remnant Deposits. EPA issued a September 27, 1989 Administrative Order on

HUDSON RIVER PCBS (Continued) **1000384273**

Consent to the company which required the company to prepare a remedial design report for the construction of access roads to the Remnant Deposits and to submit a design for the in-place containment of the Remnant Deposits incorporating the NYSDEC-prepared design, plus any EPA-approved refinements to that design. EPA also issued a September 27, 1989 Administrative Order to the company requiring the company to construct and maintain the access roads to the Remnant Deposits. The company constructed the in-place containment of the Remnant Deposits under a 1990 Consent Decree with EPA. EPA will evaluate the need for further remedial action for the Remnant Deposits after completion of a 5-year review of the Remnant Deposit containment remedy, performed pursuant to CERCLA ?121(c). The company's manufacturing plants in Hudson Falls and Fort Edward are listed under the New York State Inactive Hazardous Waste Disposal Sites Remedial program. The company currently is conducting remedial activities near the Hudson Falls and Fort Edward plants pursuant to Orders on Consent with NYSDEC. The company has thus far declined to implement the January 2000 NYSDEC Record of Decision for the Fort Edward plant Outfall 004. The NYSDEC is conducting the remedial design for that ROD. As one of America's great rivers, the Hudson has played and will continue to play a major role in the history, culture, and economy of the area. The Hudson has been designated an American Heritage River because of its important role in American history and culture. Current and reasonably-anticipated future land use and surface water use are described below. Current land use includes a variety of residential, commercial and industrial activities. Use of the river and lands surrounding the river are projected to remain the same. At this time, no changes in future land use are known, nor are any new uses expected. The Site passes through 14 different counties as the river flows to its final discharge point in New York Harbor. Four counties (Albany, Washington, Rensselaer, and Saratoga) lie adjacent to the more highly contaminated portions (areas of proposed active remediation in River Sections 1, 2 and 3) of the Upper Hudson River between Troy (Federal Dam) and Hudson Falls. Within these four counties, forests and farmlands surround urban centers and historic villages. There are apple orchards and dairy farms, parks, nature preserves and gardens. In addition to the GE Hudson Falls and Fort Edward plants, the area is home to technology companies, oil service companies and food companies. Saratoga and Washington Counties have experienced population growth between 1990 and 1999 of 10.2 percent and 1.4 percent, respectively, while Rensselaer and Albany Counties have experienced population declines of 1.9 percent and 0.3 percent, respectively. Total population of these four counties, according to July 1999 estimates by the US Department of Commerce Bureau of the Census, is just under 700,000. Warren County, in which the City of Glens Falls is located, has a population of just over 60,000 and is just to the northwest of the Hudson River PCBs Site. A Record of Decision (ROD) addressing operable unit 1 (OU 01) was completed in September 1984. A Record of Decision addressing OU 2 was completed in February 2002.

CERCLIS Assessment History:

Action Code:	001
Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	07/01/1983
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

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For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 09/01/1983
Priority Level: Low priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: SITE INSPECTION
Date Started: 08/01/1983
Date Completed: 09/01/1983
Priority Level: Higher priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 09/08/1983
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started: Not reported
Date Completed: 11/15/1983
Priority Level: Search Complete, Viable PRPs
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

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Action Code:	001
Action:	FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	09/21/1984
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	RECORD OF DECISION
Date Started:	Not reported
Date Completed:	09/25/1984
Priority Level:	Not reported
Operable Unit:	REMNANT DEPOSIT CAPPING
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	03/30/1984
Date Completed:	09/25/1984
Priority Level:	Not reported
Operable Unit:	REMNANT DEPOSIT CAPPING
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started:	10/27/1983
Date Completed:	09/28/1984
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started:	Not reported
Date Completed:	05/04/1988

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Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMEDIAL DESIGN
Date Started: 02/02/1989
Date Completed: 06/05/1989
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Original Action Take Over

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 09/27/1989
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 06/09/1989
Date Completed: 09/27/1989
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 06/09/1989
Date Completed: 09/27/1989
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Alternate

HUDSON RIVER PCBS (Continued) **1000384273**

Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 09/27/1989
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 03/03/1989
Date Completed: 04/06/1990
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Lodged By DOJ
Date Started: Not reported
Date Completed: 05/18/1990
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL DESIGN
Date Started: 09/28/1984
Date Completed: 05/18/1990
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: State, Fund Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Original Action Take Over

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For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: CONSENT DECREE
Date Started: 04/06/1990
Date Completed: 07/21/1990
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL ASSESSMENT
Date Started: 04/17/1990
Date Completed: 08/21/1990
Priority Level: Stabilized
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 09/27/1989
Date Completed: 09/28/1990
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: New Action Resulting from Take Over

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: 03/12/1990
Date Completed: 10/04/1990
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN

HUDSON RIVER PCBS (Continued) **1000384273**

Date Started: 05/18/1989
Date Completed: 01/07/1991
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: New Action Resulting from Take Over

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 09/28/1990
Date Completed: 09/29/1992
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 10/13/1989
Date Completed: 09/29/1992
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMOVAL ASSESSMENT
Date Started: 11/19/1992
Date Completed: 12/01/1992
Priority Level: Stabilized
Operable Unit: ROGER'S ISLAND
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: TECHNICAL ASSISTANCE
Date Started: 09/30/1997
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: COMFORT/STATUS LETTER
Date Started: Not reported
Date Completed: 11/02/1998
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: REMOVAL ASSESSMENT
Date Started: 10/14/1998
Date Completed: 01/07/1999
Priority Level: Not reported
Operable Unit: ROGER'S ISLAND
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: REMOVAL ASSESSMENT
Date Started: 06/03/1998
Date Completed: 06/24/1999
Priority Level: Not reported
Operable Unit: ROGER'S ISLAND
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Public Notice Published
Date Started: Not reported
Date Completed: 03/28/2000
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001

HUDSON RIVER PCBS (Continued) **1000384273**

Action: REMOVAL
Date Started: 10/06/1999
Date Completed: 09/14/2001
Priority Level: Stabilized
Operable Unit: ROGER'S ISLAND
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 07/25/1990
Date Completed: 02/01/2002
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 02/01/2002
Priority Level: Final Remedy Selected at Site
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: Special Notice Issued
Date Started: Not reported
Date Completed: 02/04/2002
Priority Level: Not reported
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: Special Notice Issued
Date Started: Not reported
Date Completed: 02/04/2002
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER

HUDSON RIVER PCBS (Continued) **1000384273**

Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Special Notice Issued
Date Started: Not reported
Date Completed: 02/04/2002
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: REMEDIAL DESIGN
Date Started: 02/15/2002
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Special Account Financed Action - EPA
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Other Completion Anomaly

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 07/23/2002
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Phased Start & Completion

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 07/23/2002
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 02/04/2002
Date Completed: 07/23/2002
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: TECHNICAL ASSISTANCE
Date Started: 07/08/2003
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 08/13/2003
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 07/23/2002
Date Completed: 08/13/2003
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001

HUDSON RIVER PCBS (Continued) **1000384273**

Action:	EXPANDED SITE INSPECTION/REMEDIAL INVESTIGATION
Date Started:	Not reported
Date Completed:	08/31/2005
Priority Level:	Referred to Removal, no further Rmdl Asmt
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	003
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started:	09/06/2005
Date Completed:	Not reported
Priority Level:	Not reported
Operable Unit:	REASSESSMENT RIVER
Primary Responsibility:	Responsible Party
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	007
Action:	REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started:	02/04/2002
Date Completed:	09/06/2005
Priority Level:	Not reported
Operable Unit:	REASSESSMENT RIVER
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	TECHNICAL ASSISTANCE GRANT
Date Started:	09/29/1995
Date Completed:	09/20/2005
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	Lodged By DOJ
Date Started:	Not reported
Date Completed:	10/06/2005
Priority Level:	Not reported
Operable Unit:	REASSESSMENT RIVER

HUDSON RIVER PCBS (Continued) **1000384273**

Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: CONSENT DECREE
Date Started: 09/06/2005
Date Completed: 11/02/2006
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: COMMUNITY INVOLVEMENT
Date Started: 03/25/2002
Date Completed: 11/02/2006
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Remedial
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL ACTION
Date Started: 01/19/2007
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Special Account Financed Action - State
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Other Start and Completion Anomaly

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 03/29/2007
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: STATE SUPPORT AGENCY COOPERATIVE AGREEMENT
Date Started: 02/22/1991
Date Completed: 04/03/2007
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL NEGOTIATIONS
Date Started: Not reported
Date Completed: 07/11/2007
Priority Level: Not reported
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 07/11/2007
Priority Level: Not reported
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY EMERGENCY REMOVAL
Date Started: 08/24/2007
Date Completed: 08/27/2007
Priority Level: Cleaned up
Operable Unit: SITEWIDE
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Emergency
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001

HUDSON RIVER PCBS (Continued) **1000384273**

Action:	POTENTIALLY RESPONSIBLE PARTY REMOVAL
Date Started:	09/11/2007
Date Completed:	Not reported
Priority Level:	Stabilized
Operable Unit:	FLOODPLAINS OU
Primary Responsibility:	Responsible Party
Planning Status:	Not reported
Urgency Indicator:	Time Critical
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	004
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	08/14/2003
Date Completed:	01/25/2008
Priority Level:	Not reported
Operable Unit:	REASSESSMENT RIVER
Primary Responsibility:	Responsible Party
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Phased Start

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	REAL PROPERTY ACQUISITION
Date Started:	02/15/2008
Date Completed:	Not reported
Priority Level:	Not reported
Operable Unit:	REASSESSMENT RIVER
Primary Responsibility:	Not reported
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	SECTION 104(E) REF LITIGATION
Date Started:	09/27/2007
Date Completed:	07/28/2008
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	004
Action:	UNILATERAL ADMIN ORDER
Date Started:	Not reported
Date Completed:	09/05/2008
Priority Level:	Not reported
Operable Unit:	SITEWIDE

HUDSON RIVER PCBS (Continued) **1000384273**

Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 09/05/2008
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/08/2008
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 09/08/2008
Priority Level: Not reported
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: 02/04/2002
Date Completed: 09/08/2008
Priority Level: Not reported
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 09/11/2008
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 10/14/2008
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007
Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 02/03/2009
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMEDIAL ACTION
Date Started: 05/09/2008
Date Completed: 11/24/2009
Priority Level: Final RA Report
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Special Account Financed Action - EPA
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

HUDSON RIVER PCBS (Continued) **1000384273**

Action Code:	003
Action:	REMEDIAL ACTION
Date Started:	12/04/2008
Date Completed:	12/23/2009
Priority Level:	Final RA Report
Operable Unit:	REASSESSMENT RIVER
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	004
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started:	12/31/2010
Date Completed:	Not reported
Priority Level:	Not reported
Operable Unit:	REASSESSMENT RIVER
Primary Responsibility:	Responsible Party
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	006
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	08/14/2003
Date Completed:	04/26/2011
Priority Level:	Not reported
Operable Unit:	REASSESSMENT RIVER
Primary Responsibility:	Responsible Party
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Federal Register Details:

Fed Register Date:	09/21/1984
Fed Register Volume:	49
Page Number:	37070

Fed Register Date:	09/08/1983
Fed Register Volume:	48
Page Number:	40674

Click this hyperlink while viewing on your computer to access
2730 additional US CERCLIS Financial: record(s) in the EDR Site Report.

RCRA-LQG:

Date form received by agency:	03/03/2010
Facility name:	GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Facility address:	446 LOCK 8 WAY HUDSON FALLS, NY 12839
EPA ID:	NYD980763841

HUDSON RIVER PCBS (Continued) **1000384273**

Mailing address: BROADWAY BUILDING 40
FORT EDWARD, NY 12828
Contact: ROBERT G GIBSON
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (518) 746-5253
Contact email: BOB.GIBSON@GE.COM
EPA Region: 02
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: CANADIAN PACIFIC RR
Owner/operator address: AVE SW
CALGARY, T2P 4
Owner/operator country: CA
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/23/2007
Owner/Op end date: Not reported

Owner/operator name: GENERAL ELECTRIC COMPANY
Owner/operator address: AVE SW
CALGARY, T2P 4
Owner/operator country: CA
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/23/2007
Owner/Op end date: Not reported

Owner/operator name: CANADIAN PACIFIC RAILROAD
Owner/operator address: 9TH AVE SW GULF CANADA SQ
CALGARY, AB T2P4Z
Owner/operator country: CA
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/02/2007
Owner/Op end date: Not reported

Owner/operator name: USEPA
Owner/operator address: Not reported
Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: 06/04/2008
Owner/Op end date: Not reported

Owner/operator name: WCC LLC
Owner/operator address: WILLOW GLEN
MECHANICVILLE, NY 12188
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/02/2007
Owner/Op end date: Not reported

Owner/operator name: GENERAL ELECTRIC CO
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/02/2007
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/29/2008
Facility name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Site name: HUDSON RIVER PCBS (ROGERS ISLAND) SUPERFUND USEPA
Classification: Large Quantity Generator

Date form received by agency: 01/01/2007
Facility name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Site name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA
Classification: Not a generator, verified

HUDSON RIVER PCBS (Continued) **1000384273**

Date form received by agency: 01/01/2006
Facility name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Site name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA
Classification: Not a generator, verified

Date form received by agency: 01/01/2001
Facility name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Site name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: B007
Waste name: B007

Violation Status: No violations found

US ENG CONTROLS:
EPA ID: NYD980763841
Site ID: 0202229
Name: HUDSON RIVER PCBS
Address: NO STREET APPLICABLE
HUDSON RIVER, NY 12801
EPA Region: 02
County: WASHINGTON
Event Code: Not reported
Actual Date: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19840925
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Containment, (N.O.S.)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19840925
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: No Action

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19840925
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Revegetation

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19840925
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Slope Stabilization

HUDSON RIVER PCBS (Continued) **1000384273**

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 20020201
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Dewatering

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 20020201
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Disposal

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 20020201
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Excavation

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 20020201
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Solidification/ Stabilization

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 20020201
Operable Unit: 02
Contaminated Media : Surface Water
Engineering Control: Monitoring

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 20020201
Operable Unit: 02
Contaminated Media : Surface Water
Engineering Control: Natural Attenuation

US INST CONTROL:
EPA ID: NYD980763841
Site ID: 0202229
Name: HUDSON RIVER PCBS
Action Name: RECORD OF DECISION
Address: NO STREET APPLICABLE
HUDSON RIVER, NY 12801
EPA Region: 02
County: WASHINGTON
Event Code: Not reported
Inst. Control: Fishing Advisory
Actual Date: Not reported
Complet. Date: 02/01/2002
Operable Unit: 02

HUDSON RIVER PCBS (Continued) **1000384273**

Contaminated Media : Surface Water

CONSENT:
EPA ID: NYD980763841
Site ID: 0284
Case Title: U.S.V. GENERAL ELECTRIC COMPANY (HUDSON RIVER) (EPA-SUPERFUND)
Court Num: 05-1270
District: New York, North
Entered Date: 11/02/06
Full-text of the consent decree for this site issued by the United States District Court is available from EDR. Contact your EDR Account Executive.

ROD:
Full-text of USEPA Record of Decision(s) is available from EDR.

FINDS:

Registry ID: 110009302879

Environmental Interest/Information System
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

HIST LTANKS:
Region of Spill: 4
Spill Number: 8704920
Spill Date: 09/13/1987
Spill Time: 18:30
Spill Cause: Tank Failure
Resource Affectd: Surface Water
Water Affected: HUDSON RIVER $
Spill Source: Other Commercial/Industrial
Spill Class: Not reported
Spill Closed Dt: 02/18/88

HUDSON RIVER PCBS (Continued) **1000384273**

Cleanup Ceased: 10/15/87
Cleanup Meets Standard: True
Investigator: MCDONALD
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 09/13/87
Reported to Department Time: 18:45
SWIS: 19
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: WANTON ISLAND INC.
Spiller Address: PO BOX 119
Spiller City,St,Zip: WEST CAMP, NY 12490
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (914) 246-2750
Facility Extention: Not reported
Spill Notifier: Citizen
PBS Number: Not reported
Last Inspection: 09/13/87
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 09/22/87
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 11/12/92
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 500
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 200
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Last Date: 19940728
DEC Remarks: 02/18/88: COMPANY HIRED DOMERMUTH AFTER MCDONALD INITIATED CLEANUP.
Spill Cause: 275 GAL TANK LEAKING INTO CEMENTON RIVER AT EDGE OF HUDSON. MCDONALD WILL INVESTIGATE

NY Spills:

Site ID:	237813
Facility Addr2:	Not reported
Facility ID:	0308107
Spill Number:	0308107
Facility Type:	ER
SWIS:	6000
Investigator:	rxamato
Referred To:	Not reported
Spill Date:	10/31/2003
Reported to Dept:	10/31/2003
CID:	297
Spill Cause:	Abandoned Drums
Water Affected:	HUDSON RIVER
Spill Source:	Unknown
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	10/31/2003
Remediation Phase:	0
Date Entered In Computer:	10/31/2003
Spill Record Last Update:	11/6/2003
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ -
Spiller Company:	001
Contact Name:	PETTY OFFFICER HAWKINS
Contact Phone:	(718) 354-4121
DEC Region:	3
DER Facility ID:	278391
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SMITH" 10/31/03: MEG hired by USCG to remove test and dispose. Container did not leak.
Remarks:	CALL TO NRC REPORTING A 55 GALLON DRUM OF UNKNOWN PETROLEUM FLOATING - USCG IS REPOSNDING TO THE SITE

Material:

Site ID:	237813
Operable Unit ID:	874400
Operable Unit:	01
Material ID:	501630
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum

HUDSON RIVER PCBS (Continued) **1000384273**

Quantity: 55
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

A1 **STUTO 822 BROADWAY ODOR** **NY Spills** **S102242254**
NNE **822 BROADWAY** **NY Hist Spills** **N/A**
< 1/8 **RENSSELAER, NY**
0.001 mi.
7 ft. **Site 1 of 2 in cluster A**

Relative:
Higher

Actual:
42 ft.

NY Spills:
Site ID: 116654
Facility Addr2: Not reported
Facility ID: 9607532
Spill Number: 9607532
Facility Type: ER
SWIS: 4214
Investigator: WEBLAIN
Referred To: Not reported
Spill Date: 9/15/1996
Reported to Dept: 9/15/1996
CID: 266
Spill Cause: Unknown
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Citizen
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
Spill Closed Dt: 9/16/1996
Remediation Phase: 0
Date Entered In Computer: 9/15/1996
Spill Record Last Update: 10/23/2003
Spiller Name: Not reported
Spiller Company: UNKNOWN ODOR
Spiller Address: Not reported
Spiller City,St,Zip: NY

STUTO 822 BROADWAY ODOR (Continued) **S102242254**

Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	4
DER Facility ID:	101489
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BLAIN" SAME AS 9513320.
Remarks:	UNKNOWN ODOR IN BASEMENT OF RESIDENCE. FIRE DEPARTMENT, NIAGARA MOHAWK, AND CLEAN HARBOURS RESPONDED TO SCENE. UNABLE TO DETERMINE NATURE OR SOURCE OF ODOR.

Material:

Site ID:	Not reported
Operable Unit ID:	Not reported
Operable Unit:	Not reported
Material ID:	Not reported
Material Code:	Not reported
Material Name:	Not reported
Case No.:	Not reported
Material FA:	Not reported
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Site ID:	316049
Facility Addr2:	Not reported
Facility ID:	9513320
Spill Number:	9513320
Facility Type:	ER
SWIS:	4214
Investigator:	WEBLAIN
Referred To:	Not reported
Spill Date:	1/23/1996
Reported to Dept:	1/23/1996
CID:	297
Spill Cause:	Unknown
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	6/15/1997

STUTO 822 BROADWAY ODOR (Continued) **S102242254**

Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Unknown Responsible Party. Corrective action taken. (ISR)
Spill Closed Dt:	11/8/1999
Remediation Phase:	0
Date Entered In Computer:	1/23/1996
Spill Record Last Update:	10/23/2003
Spiller Name:	SAME
Spiller Company:	CHESTER OPALKA
Spiller Address:	6 HEATHER RIDGE
Spiller City,St,Zip:	RENSSELAER, NY 12018-
Spiller Company:	001
Contact Name:	CHESTER OPALKA
Contact Phone:	Not reported
DEC Region:	4
DER Facility ID:	254795
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BLAIN" SEE FILE. ALSO RPTd AS 9607532. SUMMARY---------- PETROLEUM ODORS WERE MEASURED IN A 19TH CENTURY HOUSE IN RENSSELAER. ODORS WERE ALSO MEASURED IN THE BASEMENT OF THE CITY LIBRARY NEXT DOOR. EXTENSIVE GROUNDWATER STUDY FAILED TO FIND A SOURCE. ULTIMATELY, A DRUM WAS DISCOVERED UNDERNEATH THE PORCH, WHICH HAD BEEN CLOSED IN BEFORE THE CURRENT OWNER BOUGHT THE PROPERTY. IT LEAKED, CAUSING THE PROBLEM. A VAPOR EXTRACTION SYSTEM WAS INSTALLED TO RESTORE THE SITE AND ALLEVIATE THE VAPORS. WB INTERIM ISR TO ALLAN 9/26/97. Jerry Ackerman site mgr. 3/99 Clean Harbors. 1999 House had been abandoned for awhile. City demolished it. No further cleanup. closed, ISR to Allan 11/99, FINAL ISR SENT TO C.O. 11/10/99. Drew Locte-- AG's office now has case. Ret'd. from copying 12/99. 6/00 - LIST FROM C.O. SHOWS CASE CLOSED, $26,000.96.
Remarks:	COMP HAS SMELLED AN UNKNOWN ODOR COMING INTO HIS BASEMENT / COMP HAS CALLED THE FIRE DEPARTMENT, NIMO AND THEY CAN SMELL IT BUT THEY DO NOT KNOW WHAT IT IS / SUBJECT IS TO THE POINT OF WHERE IT IS MAKING HIM DIZZY - HE WANTS A CALL BACK 518-436-4904

Material:

Site ID:	316049
Operable Unit ID:	1027813
Operable Unit:	01
Material ID:	357050
Material Code:	0012
Material Name:	Kerosene (#1 Fuel Oil)
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25
Units:	Gallons
Recovered:	5
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported

STUTO 822 BROADWAY ODOR (Continued) **S102242254**

Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

NY Hist Spills:
Region of Spill: 4
Spill Number: 9607532
Investigator: BLAIN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 09/15/1996 00:30
Reported to Dept Date/Time: 09/15/96 07:59
SWIS: 38
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Unknown
Reported to Dept: Air
Water Affected: Not reported
Spill Source: 09
Spill Notifier: Citizen
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
Spill Closed Dt: 09/16/96
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 09/15/96
Date Spill Entered In Computer Data File: Not reported
Update Date: 09/16/96
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported

STUTO 822 BROADWAY ODOR (Continued) **S102242254**

Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Raw Sewage
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Pounds
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: Not reported
Class Type: Not reported
Times Material Entry In File: Not reported
CAS Number: Not reported
Last Date: Not reported
DEC Remarks: SAME AS 9513320.
Remark: UNKNOWN ODOR IN BASEMENT OF RESIDENCE. FIRE DEPARTMENT, NIAGARA MOHAWK, AND CLEAN HARBOURS RESPONDED TO SCENE. UNABLE TO DETERMINE NATURE OR SOURCE OF ODOR.

Region of Spill: 4
Spill Number: 9513320
Investigator: BLAIN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 01/23/1996 10:30
Reported to Dept Date/Time: 01/23/96 10:36
SWIS: 38
Spiller Name: CHESTER OPALKA
Spiller Contact: SAME
Spiller Phone: (518) 674-2608
Spiller Contact: CHESTER OPALKA
Spiller Phone: ( ) -
Spiller Address: 6 HEATHER RIDGE
Spiller City,St,Zip: RENSSELAER, NY 12018-
Spill Cause: Unknown
Reported to Dept: Air
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Affected Persons
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: True
Last Inspection: 06/15/97
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Unknown Responsible Party. Corrective action taken. (ISR)
Spill Closed Dt: 11/08/99
Corrective Action Plan Submitted: / /

STUTO 822 BROADWAY ODOR (Continued) **S102242254**

Date Region Sent Summary to Central Office: 09/26/97
Date Spill Entered In Computer Data File: 01/23/96
Date Spill Entered In Computer Data File: Not reported
Update Date: 08/08/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 25
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 5
Unkonwn Quantity Recovered: False
Material: KEROSENE
Class Type: KEROSENE
Times Material Entry In File: 2052
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: SEE FILE. ALSO RPTd AS 9607532. SUMMARY---------- PETROLEUM ODORS WERE MEASURED IN A 19TH CENTURY HOUSE IN RENSSELAER. ODORS WERE ALSO MEASURED IN THE BASEMENT OF THE CITY LIBRARY NEXT DOOR. EXTENSIVE GROUNDWATER STUDY FAILED TO FIND A SOURCE. ULTIMATELY, A DRUM WAS DISCOVERED UNDERNEATH THE PORCH, WHICH HAD BEEN CLOSED IN BEFORE THE CURRENT OWNER BOUGHT THE PROPERTY. IT LEAKED, CAUSING THE PROBLEM. A VAPOR EXTRACTION SYSTEM WAS INSTALLED TO RESTORE THE SITE AND ALLEVIATETHE VAPORS.
WB INTERIM ISR TO ALLAN 9/26/97. Jerry Ackerman site mgr. 3/99 Clean Harbors. 1999 House had been abandoned for awhile. City demolished it.
No further cleanup. closed, ISR to Allan 11/99, FINAL
ISR SENT TO C.O. 11/10/99. Drew Locte-- AG s office now has case. Ret d.
from copying 12/99. 6/00 - LIST FROM C.O. SHOWS CASE CLOSED, 26,000.96.
Remark: COMP HAS SMELLED AN UNKNOWN ODOR COMING INTO HIS BASEMENT / COMP HAS CALLED THE FIRE DEPARTMENT, NIMO AND THEY CAN SMELL IT BUT THEY DO NOT KNOW WHAT IT IS / SUBJECT IS TO THE POINT OF WHERE IT IS MAKING HIM DIZZY - HE WANTS A CALL BACK 518-436-4904

A2 **OLD ROXY CLEANERS BROADWAY** **NY Spills** **S106697673**
SSW **BROADWAY @ PARTITION ST** **N/A**
< 1/8 **RENSSELAER, NY**
0.018 mi.
96 ft. **Site 2 of 2 in cluster A**

Relative:
Lower

Actual:
40 ft.

NY Spills:
Site ID: 195242
Facility Addr2: Not reported
Facility ID: 0404463
Spill Number: 0404463
Facility Type: ER
SWIS: 4214
Investigator: LAW ENFOREMENT
Referred To: LAW ENFOREMENT
Spill Date: 7/26/2004

OLD ROXY CLEANERS BROADWAY (Continued) **S106697673**

Reported to Dept:	7/26/2004
CID:	444
Spill Cause:	Other
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
Spill Closed Dt:	12/2/2005
Remediation Phase:	0
Date Entered In Computer:	7/26/2004
Spill Record Last Update:	7/14/2009
Spiller Name:	KEVIN BITER
Spiller Company:	OLD ROXY CLEANERS
Spiller Address:	BROADWAY & PARTION STREET
Spiller City,St,Zip:	RENSSELAER, NY
Spiller Company:	001
Contact Name:	KEVIN BITER
Contact Phone:	(518) 357-2047
DEC Region:	4
DER Facility ID:	162682
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ECOS" 7/26, 11:40 - PNB RECd CALL FROM ECOs SAYING THEY RECd A Rpt OF A CHEMICAL CLOUD IN RENSSELAER AT BROADWAY & PARTITION, ECO DALY EN ROUTE (ETA 30min), NO Rpt TO HOTLINE; RELAYED Info (SUCH AS IT WAS) TO AIR & TOM CULLEN; SPILLS STAFF STOOD BY PENDING MORE Info & Rpt FROM HOTLINE (Rens Co NEVER RPTd EVENT TO D.C.); PD, FD & Co HAZ MAT RPTd TO BE @ SITE; ECO Rpt SHOWS MARCEL BEDARD DISPOSED OF 1-2gal HYDROGEN PEROXIDE BY DUMPING IT IN THE St CAUSING A VAPOR CLOUD AT 800 BROADWAY, ECOs TICKETED FOR 71-2711-3 (ENDANGERING PUBLIC HEALTH, SAFETY OR Env 4TH DEGREE), CLIFF VAN GUILDER ADVISES IF STRONGER THAN 8% SOLUTION COULD BE ILLEGAL DISPOSAL OF HAZ WASTE. 12/2/05 - MF file review. Based on info in file (edoc), close. 7/13/09 - FOIL 09/227
Remarks:	HAZMAT ON SCENE AND ALSO DEC ON SCENE STILL INVESTIGATING;

Material:

Site ID:	195242
Operable Unit ID:	887604
Operable Unit:	01
Material ID:	488457
Material Code:	0064A
Material Name:	UNKNOWN MATERIAL
Case No.:	Not reported
Material FA:	Other
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported

OLD ROXY CLEANERS BROADWAY (Continued) **S106697673**

Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

B3 **AMTRAK RENSSELAER MAINT FACIL** **RCRA-CESQG** **1000386176**
SSW **675 BROADWAY** **HIST LTANKS** **NYD089107528**
< 1/8 **RENSSELAER, NY 12144** **MOSF UST**
0.036 mi. **MOSF AST**
188 ft. **Site 1 of 8 in cluster B**

Relative: Lower

Actual: 28 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	AMTRAK RENSSELAER MAINT FACIL
Facility address:	675 BROADWAY RENSSELAER, NY 12144
EPA ID:	NYD089107528
Mailing address:	BROADWAY RENSSELAER, NY 12144
Contact:	LARRY LOHMAN
Contact address:	BROADWAY RENSSELAER, NY 12144
Contact country:	US
Contact telephone:	(518) 462-5701
Contact email:	Not reported
EPA Region:	02
Land type:	Federal
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	NATIONAL RAILROAD PASSENGER CORP
Owner/operator address:	60 MASSACHUSETTS AVE NE WASHINGTON, DC 20002
Owner/operator country:	US
Owner/operator telephone:	(202) 906-3160
Legal status:	Federal
Owner/Operator Type:	Owner

AMTRAK RENSSELAER MAINT FACIL (Continued) **1000386176**

Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Owner/operator name: NATIONAL RAILROAD PASSENGER CORP
Owner/operator address: 60 MASSACHUSETTS AVE NE
WASHINGTON, DC 20002
Owner/operator country: US
Owner/operator telephone: (202) 906-3160
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: AMTRAK RENSSELAER MAINT FACIL
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/11/2002
Facility name: AMTRAK RENSSELAER MAINT FACIL
Classification: Small Quantity Generator

Date form received by agency: 07/21/1999
Facility name: AMTRAK RENSSELAER MAINT FACIL
Classification: Large Quantity Generator

Date form received by agency: 01/30/1998
Facility name: AMTRAK RENSSELAER MAINT FACIL
Site name: AMTRAK RENSSELAER MAINTENANCE FACILITY
Classification: Large Quantity Generator

Date form received by agency: 02/28/1996
Facility name: AMTRAK RENSSELAER MAINT FACIL
Site name: NATIONAL RAILROAD PASSENGER CORP
Classification: Large Quantity Generator

Date form received by agency: 05/05/1994
Facility name: AMTRAK RENSSELAER MAINT FACIL
Site name: AMTRAK

AMTRAK RENSSELAER MAINT FACIL (Continued) **1000386176**

Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Facility name: AMTRAK RENSSELAER MAINT FACIL
Classification: Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/02/1992
Date achieved compliance: 11/09/1994
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 06/11/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 50000
Paid penalty amount: 50000

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/22/1986
Date achieved compliance: 05/22/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/21/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 11/27/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/09/1994
Evaluation lead agency: State

Evaluation date: 07/22/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/22/1987
Evaluation lead agency: State

HIST LTANKS:
Region of Spill: 4
Spill Number: 9204101
Spill Date: 07/09/1992
Spill Time: 11:30
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Major Facility 400,000 gallons

AMTRAK RENSSELAER MAINT FACIL (Continued) **1000386176**

Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	08/04/92
Cleanup Ceased:	07/09/92
Cleanup Meets Standard:	True
Investigator:	BLAIN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	07/09/92
Reported to Department Time:	12:33
SWIS:	38
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	AMTRAK
Spiller Address:	BROADWAY
Spiller City,St,Zip:	RENSSELAER
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	-
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	08/04/92
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	01/03/01
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	60
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	DIESEL

AMTRAK RENSSELAER MAINT FACIL (Continued) **1000386176**

Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: MOSF 4-3360. AMTRAK SPILLS: 8603616, 8902792, 8908915, 8910698, 9010061, 9104514, 9109125, 9109127, 9111297, 9200559, 9201915, 9204101, 9209501, 9209773, 9214182, 9214392, 9304561, 9305742, 9310766, 9410036, 9500315, 9511471, 9512042, 9710677, 9805489, 0010850.
Spill Cause: SPILL ON SOIL CLEANED W/SORBENTS, MAY REMOVE CONT. SOIL IF NEC.

MOSF UST:
Facility ID: 4-3360
SWIS Code: 38
Facility Town: RENSSELAER
Contact Phone: (518) 462-5719
Emerg Contact: MITCH HEBERT
Emergency Telephone: (518) 462-5749
CBS Number: Not reported
SPDES Num: Not reported
Total Tanks: 13
Total Capacity: 437775
Avg Throughput: 30000
License Stat: 1
Facility Status: ACTIVE FACILITY
Facility Type: UTILITY
Prod Xfer Options: Tank Truck
Expiration Date: 03/31/2003
Applic Rcvd: 12/19/2000
Operator: JOHN SCHLGREN
Owner Name: NATIONAL RAILROAD PASSENGER CORPORATION
Owner Address: 60 MASSACHUSETTS AVENUE, N.E.
Owner City,St,Zip: WASHINGTON, DC 20002-
Owner Telephone: (202) 906-3000
Owner Type: Corporate/Commercial
Owner Status: 1
Owner Mark: First Owner
Mail To Name: AMTRAK RENSSELAER MAINTENANCE FACILITY
Mail To Address: 675 BROADWAY
Mail To Address 2: Not reported
Mail City,St,Zip: RENSSELAER, NY 12144-
Mail To Contact: LAURENCE M. LOHMAN, MECH SUPER
Mail To Telephone: (518) 462-7848
Legal Agent Name: RICHARD MOLENHOFF
Legal Agent Address: 400 WEST 31 STREET
Legal Agent City,St,Zip: NEW YORK, NY 10001-
Date Filed: 04/90

Tank ID: 103
Tank Location: UNDERGROUND
Install Date: 12/78
Capacity (Gal): 10000
Product: NOS 1,2, OR 4 FUEL OIL
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Aboveground/Underground Combination

AMTRAK RENSSELAER MAINT FACIL (Continued) **1000386176**

Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Submersible
Test Date:	Not reported
Date Closed:	04/93
Latitude:	42|39|
Longitude:	73|44|
Status of Data:	Complete
Inspected Date:	11/16/2000
Inspector Initials:	EM
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	03/28/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/27/2000
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	104
Tank Location:	UNDERGROUND
Install Date:	12/78
Capacity (Gal):	10000
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Submersible
Test Date:	Not reported
Date Closed:	03/91
Latitude:	42|39|
Longitude:	73|44|
Status of Data:	Complete
Inspected Date:	11/16/2000
Inspector Initials:	EM
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	03/28/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/27/2000
Federal Id No:	Not reported
COI Date:	/ /

AMTRAK RENSSELAER MAINT FACIL (Continued) **1000386176**

Tank ID:	105
Tank Location:	UNDERGROUND
Install Date:	12/78
Capacity (Gal):	10000
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Submersible
Test Date:	Not reported
Date Closed:	03/91
Latitude:	42|39|
Longitude:	73|44|
Status of Data:	Complete
Inspected Date:	11/16/2000
Inspector Initials:	EM
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	03/28/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/27/2000
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	106
Tank Location:	UNDERGROUND
Install Date:	12/78
Capacity (Gal):	10000
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Submersible
Test Date:	Not reported
Date Closed:	03/91
Latitude:	42|39|
Longitude:	73|44|
Status of Data:	Complete
Inspected Date:	11/16/2000

AMTRAK RENSSELAER MAINT FACIL (Continued) **1000386176**

Inspector Initials:	EM
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	03/28/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/27/2000
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	107
Tank Location:	UNDERGROUND
Install Date:	12/78
Capacity (Gal):	10000
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Submersible
Test Date:	Not reported
Date Closed:	04/93
Latitude:	42|39|
Longitude:	73|44|
Status of Data:	Complete
Inspected Date:	11/16/2000
Inspector Initials:	EM
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	03/28/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/27/2000
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	108
Tank Location:	UNDERGROUND
Install Date:	12/78
Capacity (Gal):	2000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None

AMTRAK RENSSELAER MAINT FACIL (Continued) **1000386176**

Pipe External: None
Second Contain: None
Leak Detection: Groundwater Well
Overfill Protection: None
Dispenser: Suction
Test Date: Not reported
Date Closed: 11/94
Latitude: 42|39|
Longitude: 73|44|
Status of Data: Complete
Inspected Date: 11/16/2000
Inspector Initials: EM
Inspector Status: Not reported
Pipe Flag: True
License Issued: 03/28/2001
Vessel Id: Not reported
Renew Flag: True
Renew Date: 11/27/2000
Federal Id No: Not reported
COI Date: / /

Tank ID: 109
Tank Location: UNDERGROUND
Install Date: 12/78
Capacity (Gal): 2000
Product: UNKNOWN
Tank Status: In Service
Tank Type: Fiberglass reinforced plastic [FRP]
Tank Internal: None
Tank External: None
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Contain: None
Leak Detection: Groundwater Well
Overfill Protection: None
Dispenser: Suction
Test Date: Not reported
Date Closed: 11/94
Latitude: 42|39|
Longitude: 73|44|
Status of Data: Complete
Inspected Date: 11/16/2000
Inspector Initials: EM
Inspector Status: Not reported
Pipe Flag: True
License Issued: 03/28/2001
Vessel Id: Not reported
Renew Flag: True
Renew Date: 11/27/2000
Federal Id No: Not reported
COI Date: / /

Tank ID: 110

AMTRAK RENSSELAER MAINT FACIL (Continued) **1000386176**

Tank Location:	UNDERGROUND
Install Date:	12/78
Capacity (Gal):	6000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	11/94
Latitude:	42|39|
Longitude:	73|44|
Status of Data:	Complete
Inspected Date:	11/16/2000
Inspector Initials:	EM
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	03/28/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/27/2000
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	111
Tank Location:	UNDERGROUND
Install Date:	12/78
Capacity (Gal):	6000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	10/96
Latitude:	42|39|
Longitude:	73|44|
Status of Data:	Complete
Inspected Date:	11/16/2000
Inspector Initials:	EM

AMTRAK RENSSELAER MAINT FACIL (Continued) **1000386176**

Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	03/28/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/27/2000
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	112
Tank Location:	UNDERGROUND
Install Date:	12/78
Capacity (Gal):	6000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	10/96
Latitude:	42|39|
Longitude:	73|44|
Status of Data:	Complete
Inspected Date:	11/16/2000
Inspector Initials:	EM
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	03/28/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/27/2000
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	113
Tank Location:	UNDERGROUND
Install Date:	12/78
Capacity (Gal):	2000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None

AMTRAK RENSSELAER MAINT FACIL (Continued) **1000386176**

Second Contain:	None
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	04/94
Latitude:	42|39|
Longitude:	73|44|
Status of Data:	Complete
Inspected Date:	11/16/2000
Inspector Initials:	EM
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	03/28/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/27/2000
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	114
Tank Location:	UNDERGROUND
Install Date:	12/78
Capacity (Gal):	2000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	04/94
Latitude:	42|39|
Longitude:	73|44|
Status of Data:	Complete
Inspected Date:	11/16/2000
Inspector Initials:	EM
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	03/28/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/27/2000
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	117
Tank Location:	UNDERGROUND

AMTRAK RENSSELAER MAINT FACIL (Continued) **1000386176**

Install Date:	12/78
Capacity (Gal):	2000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	None
Tank External:	None
Pipe Location:	None
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	12/92
Latitude:	42|39|
Longitude:	73|44|
Status of Data:	Complete
Inspected Date:	11/16/2000
Inspector Initials:	EM
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	03/28/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/27/2000
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	121
Tank Location:	UNDERGROUND
Install Date:	12/78
Capacity (Gal):	1000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	None
Tank External:	None
Pipe Location:	None
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	09/91
Latitude:	42|39|
Longitude:	73|44|
Status of Data:	Complete
Inspected Date:	11/16/2000
Inspector Initials:	EM
Inspector Status:	Not reported

AMTRAK RENSSELAER MAINT FACIL (Continued) **1000386176**

Pipe Flag:	True
License Issued:	03/28/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/27/2000
Federal Id No:	Not reported
COI Date:	/ /

MOSF AST:

MOSF Number:	4-3360
SWIS Code:	38
Facility Town:	RENSSELAER
Facility Phone:	(518) 462-5719
Emergency Contact Name:	MITCH HEBERT
Emergency Contact Phone:	(518) 462-5749
Total Tanks:	13
Total Capacity:	437775
Daily Throughput:	30000
License Status:	1
Facility Type:	UTILITY
Product Transfer Operation:	Tank Truck
Facility Status:	ACTIVE FACILITY
Operator Name:	JOHN SCHLGREN
Owner Name:	NATIONAL RAILROAD PASSENGER CORPORATION
Owner Address:	60 MASSACHUSETTS AVENUE, N.E.
Owner City,St,Zip:	WASHINGTON, DC 20002-
Owner Phone:	(202) 906-3000
Owner Type:	Corporate/Commercial
Owner Status:	1
Owner Mark:	First Owner
Mailing Name:	AMTRAK RENSSELAER MAINTENANCE FACILITY
Mailing Address:	675 BROADWAY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RENSSELAER, NY 12144-
Mailing Contact:	LAURENCE M. LOHMAN, MECH SUPER
Mailing Phone:	(518) 462-7848
Legal Agent Name:	RICHARD MOLENHOFF
Legal Agent Address:	400 WEST 31 STREET
Legal Agent City,St,Zip:	NEW YORK, NY 10001-
LIC Expires:	03/31/2003

Tank ID:	118
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Install Date:	08/92
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Contain:	Other
Leak Detection:	Electronic
Overfill Protection:	Product Level Gauge
Dispensing Mthd:	Gravity

AMTRAK RENSSELAER MAINT FACIL (Continued) **1000386176**

Test Date:	10/95
Date Closed:	11/00
Status of Data:	Complete
Capacity (gal):	275
Lat/Long:	42|39| / 73|44|
Federal ID:	Not reported
Inspected Date:	11/16/2000
Inspector:	EM
Renew Date:	11/27/2000
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Status of Data:	In Service
COI Date:	/ /
Date License Issued:	03/28/2001
Date License Application Received:	12/19/2000
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported
Date Legal Agent Filed with Secretary of State:	04/90

Tank ID:	119
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Install Date:	10/95
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Contain:	Other
Leak Detection:	Electronic
Overfill Protection:	Product Level Gauge
Dispensing Mthd:	Gravity
Test Date:	10/95
Date Closed:	11/00
Status of Data:	Complete
Capacity (gal):	275
Lat/Long:	42|39| / 73|44|
Federal ID:	Not reported
Inspected Date:	11/16/2000
Inspector:	EM
Renew Date:	11/27/2000
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Status of Data:	In Service
COI Date:	/ /
Date License Issued:	03/28/2001
Date License Application Received:	12/19/2000
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported

AMTRAK RENSSELAER MAINT FACIL (Continued) **1000386176**

Date Legal Agent Filed with Secretary of State: 04/90

Tank ID: 130
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Install Date: 08/92
Product: UNKNOWN
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: 01
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Second Contain: Vault (w/access)
Leak Detection: Electronic
Overfill Protection: Product Level Gauge
Dispensing Mthd: Suction
Test Date: 10/95
Date Closed: Not reported
Status of Data: Complete
Capacity (gal): 2000
Lat/Long: 42|39| / 73|44|
Federal ID: Not reported
Inspected Date: 11/16/2000
Inspector: EM
Renew Date: 11/27/2000
Inspected State: Not reported
Pipe Flag: True
Vessel ID: Not reported
Reserve Flag: True
Status of Data: In Service
COI Date: / /
Date License Issued: 03/28/2001
Date License Application Received: 12/19/2000
Chemical Bulk Storage Number: Not reported
Pollution Discharge Elimination System Num: Not reported
Date Legal Agent Filed with Secretary of State: 04/90

Tank ID: 131
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Install Date: 01/93
Product: NOS 1,2, OR 4 FUEL OIL
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: 01
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Second Contain: Excavation/Tranch Liner
Leak Detection: Electronic
Overfill Protection: High Level Alarm
Dispensing Mthd: Submersible

AMTRAK RENSSELAER MAINT FACIL (Continued) **1000386176**

Test Date:	10/95
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	20000
Lat/Long:	42|39| / 73|44|
Federal ID:	Not reported
Inspected Date:	11/16/2000
Inspector:	EM
Renew Date:	11/27/2000
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Status of Data:	In Service
COI Date:	/ /
Date License Issued:	03/28/2001
Date License Application Received:	12/19/2000
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported
Date Legal Agent Filed with Secretary of State:	04/90

Tank ID:	132
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Install Date:	11/94
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Contain:	Vault (w/access)
Leak Detection:	Electronic
Overfill Protection:	Product Level Gauge
Dispensing Mthd:	Suction
Test Date:	10/95
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	2000
Lat/Long:	42|39| / 73|44|
Federal ID:	Not reported
Inspected Date:	11/16/2000
Inspector:	EM
Renew Date:	11/27/2000
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Status of Data:	In Service
COI Date:	/ /
Date License Issued:	03/28/2001
Date License Application Received:	12/19/2000
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported

AMTRAK RENSSELAER MAINT FACIL (Continued) **1000386176**

Date Legal Agent Filed with Secretary of State: 04/90

Click this hyperlink while viewing on your computer to access
10 additional NY_AST_MOS: record(s) in the EDR Site Report.

B4 **AMTRACK AMTRAK** **NY Hist Spills** **S102962948**
SSW **675 BROADWAY** **N/A**
< 1/8 **RENNSSELAER RENSSELAER, NY**
0.036 mi.
188 ft. **Site 2 of 8 in cluster B**

Relative:
Lower

Actual:
28 ft.

NY Hist Spills:

Region of Spill:	4
Spill Number:	9710677
Investigator:	MOORE
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	12/18/1997 13:30
Reported to Dept Date/Time:	12/18/97 14:52
SWIS:	38
Spiller Name:	AMTRAK [NOT AMTRACK]
Spiller Contact:	CALLER
Spiller Phone:	(518) 462-5722
Spiller Contact:	CALLER
Spiller Phone:	(518) 462-5722
Spiller Address:	675 BROADWAY
Spiller City,St,Zip:	RENSSELAER, NY -
Spill Cause:	Equipment Failure
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	03
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Cleanup Ceased:	/ /
Cleanup Meets Std:	False
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	12/18/97
Date Spill Entered In Computer Data File:	Not reported
Update Date:	02/14/01
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported

AMTRACK AMTRAK (Continued) **S102962948**

Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: MOSF 4-3360. 8603616, 8902792, 8908915, 8910698, 9010061, 9104514, 9109125, 9109127, 9111297, 9200559, 9201915, 9204101, 9209501, 9209773, 9214182, 9214392, 9304561, 9305742, 9310766, 9410036, 9500315, 9511471, 9512042, 9710677, 9805489, 0010850.
Remark: underground leak in two 200,000 gallon ust. repair crew to start work 12/19 am.

B5 **AMTRAK MAINT FACILITY** **NY Hist Spills** **S103483120**
SSW **675 BROADWAY** **N/A**
< 1/8 **RENNSSELAER RENSSELAER, NY**
0.036 mi.
188 ft. **Site 3 of 8 in cluster B**

Relative:
Lower

Actual:
28 ft.

NY Hist Spills:
Region of Spill: 4
Spill Number: 9805489
Investigator: MOORE
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 07/30/1998 11:00
Reported to Dept Date/Time: 08/03/98 09:23
SWIS: 38
Spiller Name: AMTRAK [NOT AMTRACK]
Spiller Contact: RICHARD MOHLENHOSS
Spiller Phone: (212) 630-6215
Spiller Contact: CALLER
Spiller Phone: (518) 462-5722
Spiller Address: 400 WEST 31ST ST
Spiller City,St,Zip: NEW YORK, NY 10001-
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 11
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: True
Last Inspection: 05/20/99

AMTRAK MAINT FACILITY (Continued) **S103483120**

Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: True
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 05/20/99
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 08/03/98
Date Spill Entered In Computer Data File: Not reported
Update Date: 01/03/01
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: MOSF 4-3360. 8603616, 8902792, 8908915, 8910698 PIN 91201, SEE FILE), 9010061, 9104514, 9109125, 9109127, 9111297, 9200559, 9201915, 9204101, 9209501, 9209773, 9214182, 9214392, 9304561, 9310766, 9410036, 9500315, 9511471, 9512042, 9710677, 9907148, 9907149, 0010850. SOIL SAMPLE ANALYSIS FROM JULY 1999 INDICATES NO CHEMICAL OR PETROLEUM CONSTITUENTS. THERE WAS NO SPILL. --- 5/20/99, ELM
Remark: CALLER REPORTING THAT CONTAMINATED SOIL WAS FOUND IN THE AREA OF AMTRACK S MAINTENANCE FACILITY. AMTRAK

B6 **AMTRAK RENSSEALAER MAINTENANCE FACILITY** **MANIFEST** **S109244789**
SSW **675 BROADWAY** **N/A**
< 1/8 **RENSSELAER, NY 12144**
0.036 mi.
188 ft. **Site 4 of 8 in cluster B**

Relative:
Lower

Actual:
28 ft.

PA MANIFEST:
Manifest Number: 000897044FLE
Manifest Type: Not reported
Generator EPA Id: NYD089107528
Generator Date: 6/29/2007 0:00:00
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: LARRY LOHMAN
Contact Phone: 518-462-5701

AMTRAK RENSSEALAER MAINTENANCE FACILITY (Continued) **S109244789**

TSD Epa Id:	PAD067098822
TSD Date:	Not reported
TSD Facility Name:	CYCLE CHEM INC
TSD Facility Address:	550 INDUSTRIAL DRIVE
TSD Facility City:	LEWISBERRY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D001
Container Number:	1
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	55.00
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported

Manifest Number:	001527253FLE
Manifest Type:	T
Generator EPA Id:	NYD089107528
Generator Date:	5/19/2009 0:00:00
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD Epa Id:	PAD067098822
TSD Date:	Not reported
TSD Facility Name:	CYCLE CHEM INC
TSD Facility Address:	550 INDUSTRIAL DRIVE
TSD Facility City:	LEWISBERRY
TSD Facility State:	PA
Facility Telephone:	518-462-5701
Page Number:	1
Line Number:	1
Waste Number:	D001
Container Number:	1
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	55.00
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported

B7 **AMTRAK BROADWAY** **HIST LTANKS** **S100133827**
SSW **675 BROADWAY ON PLATFORM** **NY Hist Spills** **N/A**
< 1/8 **RENSSELAER, NY**
0.036 mi.
188 ft. **Site 5 of 8 in cluster B**

Relative:
Lower

Actual:
28 ft.

HIST LTANKS:

Region of Spill:	4
Spill Number:	8908915
Spill Date:	12/09/1989
Spill Time:	08:00
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported

AMTRAK BROADWAY (Continued) **S100133827**

Spill Source:	Commercial Vehicle
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
Spill Closed Dt:	12/14/89
Cleanup Ceased:	12/09/89
Cleanup Meets Standard:	True
Investigator:	BLAIN/BENTIEN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	12/09/89
Reported to Department Time:	10:16
SWIS:	38
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	AMTRAK
Spiller Address:	675 BROADWAY
Spiller City,St,Zip:	RENSSELAER
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(518) 462-5726
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	-
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	12/14/89
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	01/03/01
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	50
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False

AMTRAK BROADWAY (Continued) **S100133827**

Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: MOSF 4-3360. AMTRAK SPILLS: 8603616, 8902792, 8908915, 8910698, 9010061, 9104514, 9109125, 9109127, 9111297, 9200559, 9201915, 9204101, 9209501, 9209773, 9214182, 9214392, 9304561, 9305742, 9310766, 9410036, 9500315, 9511471, 9512042, 9710677, 9805489, 0010850.
Spill Cause: WANT DEC CALL-BACK. 10:40-TELECON W/LOEHMAN, PUDDLE BY LOADING PAD CONTAINED ON FROZEN GROUND SAND GRAVEL), DEBATING BETWEEN SPEEDIDRY DRUM OR DOMERMUTH, PNB APPROVED EITHER, CHOSE DOMERMUTH.

NY Hist Spills:
Region of Spill: 4
Spill Number: 0010850
Investigator: BLAIN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 12/15/2000 12:00
Reported to Dept Date/Time: 01/02/01 13:39
SWIS: 38
Spiller Name: AMTRAK MAINT FAC"AMTRACK"
Spiller Contact: RICHARD MOHLENHOFF [SP]
Spiller Phone: (212) 630-6215
Spiller Contact: RICHARD MOHLENHOFF [SP]
Spiller Phone: (212) 630-6215
Spiller Address: 675 BROADWAY "SAME" ***
Spiller City,St,Zip: RENSSELAER
Spill Cause: Equipment Failure
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 03
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 01/02/01
Date Spill Entered In Computer Data File: Not reported
Update Date: 03/07/01
Is Updated: False

AMTRAK BROADWAY (Continued) **S100133827**

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	10
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	10
Unkonwn Quantity Recovered:	False
Material:	DIESEL
Class Type:	DIESEL
Times Material Entry In File:	10625
CAS Number:	Not reported
Last Date:	19940728
DEC Remarks:	MOSF 4-3360; SEE 8908915, 9200559, 9204101, 9410036, 9710677, 9805489, 9907148, 9907149, 0012028
Remark:	defective fuel hose broke causing spill. cleaned up by amtrack SP crews

Region of Spill:	4
Spill Number:	9200559
Investigator:	BLAIN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	04/14/1992 09:00
Reported to Dept Date/Time:	04/14/92 14:48
SWIS:	38
Spiller Name:	AMTRAK
Spiller Contact:	Not reported
Spiller Phone:	(518) 462-5768
Spiller Address:	675 BROADWAY
Spiller City,St,Zip:	RENSSELAER
Spill Cause:	Equipment Failure
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	08
Spill Notifier:	Responsible Party
PBS Number:	-
Cleanup Ceased:	04/14/92
Cleanup Meets Std:	True
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

AMTRAK BROADWAY (Continued) **S100133827**

Spill Closed Dt: 04/16/92
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 04/16/92
Date Spill Entered In Computer Data File: Not reported
Update Date: 01/03/01
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 8
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: MOSF 4-3360; AMTRAK SPILLS: 8603616, 8902792, 8908915, 8910698, 9010061, 9104514, 9109125, 9109127, 9111297, 9200559, 9201915, 9204101, 9209501, 9209773, 9214182, 9214392, 9304561, 9305742, 9310766, 9410036, 9500315, 9511471, 9512042, 9710677, 9805489, 0010850.
Remark: REFUELING POWER CAR, HOSE LEAKED TO PAVED PLATFORM, USED PADS.

B8 **AMTRAK BROADWAY MAINT FAC** **MANIFEST** **S103561282**
SSW **675 BROADWAY** **NY Spills** **N/A**
< 1/8 **RENSSELAER, NY** **NY Hist Spills**
0.036 mi. **MOSF**
188 ft. **Site 6 of 8 in cluster B**

Relative:
Lower

Actual:
28 ft.

NY MANIFEST:
EPA ID: NYD089107528
Country: USA
Mailing Name: AMTRAK
Mailing Contact: HERB KNOTT FOREMAN
Mailing Address: 675 BROADWAY
Mailing Address 2: Not reported
Mailing City: RENSSELAER
Mailing State: NY
Mailing Zip: 12144
Mailing Zip4: 2626
Mailing Country: USA
Mailing Phone: 518-462-5735

NY MANIFEST:
No Manifest Records Available

AMTRAK BROADWAY MAINT FAC (Continued) **S103561282**

NY Spills:

Site ID:	144470
Facility Addr2:	AMTRAK
Facility ID:	9907149
Spill Number:	9907149
Facility Type:	ER
SWIS:	4214
Investigator:	WEBLAIN
Referred To:	Not reported
Spill Date:	8/31/1999
Reported to Dept:	9/15/1999
CID:	211
Spill Cause:	Equipment Failure
Water Affected:	Not reported
Spill Source:	Railroad Car
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/19/1999
Remediation Phase:	0
Date Entered In Computer:	9/15/1999
Spill Record Last Update:	1/10/2008
Spiller Name:	DAVE WETMORE
Spiller Company:	AMTRAK "AMTRACK MAINTENAN
Spiller Address:	675 BROADWAY
Spiller City,St,Zip:	RENSSELAER, NY
Spiller Company:	001
Contact Name:	RICHARD MOHLENHOFF
Contact Phone:	(212) 630-6215
DEC Region:	4
DER Facility ID:	294508
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BLAIN" MOSF 4-3360 8603616, 8902792, 8908915, 8910698, 9104514, 9109125, 9109127, 9200559, 9204101, 9209501, 9209773, 9214392, 9214182, 9304561, 9310766, 9410036, 9710677, 9805489, 9907148, 0010850. See spill 99-07148. This spill will be cleaned up under that number. It is separate, but close this number.
Remarks:	BROKEN FUEL LINE ON TRAIN - SPILL CLEANED UP

Material:

Site ID:	144470
Operable Unit ID:	1081448
Operable Unit:	01
Material ID:	299845
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	150
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported

AMTRAK BROADWAY MAINT FAC (Continued) **S103561282**

Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Site ID:	144469
Facility Addr2:	AMTRAK
Facility ID:	9907148
Spill Number:	9907148
Facility Type:	ER
SWIS:	4214
Investigator:	WEBLAIN
Referred To:	Not reported
Spill Date:	7/9/1999
Reported to Dept:	9/15/1999
CID:	211
Spill Cause:	Other
Water Affected:	Not reported
Spill Source:	Railroad Car
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/20/1999
Remediation Phase:	0
Date Entered In Computer:	9/15/1999
Spill Record Last Update:	11/29/2007
Spiller Name:	DAVE WETMORE
Spiller Company:	AMTRAK "AMTRACK MAINTENAN
Spiller Address:	675 BROADWAY
Spiller City,St,Zip:	RENSSELAER, NY
Spiller Company:	001
Contact Name:	RICHARD MOHLENHOFF
Contact Phone:	(212) 630-6215
DEC Region:	4
DER Facility ID:	294508
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BLAIN" MOSF 4-3360 8603616, 8902792, 8908915, 8910698, 9104514, 9109125, 9109127, 9200559, 9204101, 9209501, 9209773, 9214392, 9214182, 9304561, 9310766, 9410036, 9710677, 9805489, 9907149, 0010850. Report submitted 11/12/99. Showed that one truckload of soil was disposed. Letter sent requiring full documentation by 12/3/99. folder 12/17/99 Report rec'd. Cleanup satisfactory, tho superficial.

AMTRAK BROADWAY MAINT FAC (Continued) **S103561282**

Remarks: WHILE DEFUELING TRAIN PRODUCT OVERFLOWED CONTAINMENT AREA ONTO SOIL - SPILL CLEANED UP

Material:

Site ID:	144469
Operable Unit ID:	1081446
Operable Unit:	01
Material ID:	299844
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	150
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	144469
Spill Tank Test:	1547624
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

NY Hist Spills:

Region of Spill:	4
Spill Number:	9410036
Investigator:	BLAIN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	10/27/1994 09:00
Reported to Dept Date/Time:	10/27/94 09:27
SWIS:	38
Spiller Name:	AMTRAK MAINTENANCE FAC'TY
Spiller Contact:	Not reported
Spiller Phone:	(518) 462-5700
Spiller Address:	675 BROADWAY
Spiller City,St,Zip:	RENSSELAER
Spill Cause:	Other
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	03
Spill Notifier:	Other

AMTRAK BROADWAY MAINT FAC (Continued) **S103561282**

PBS Number: -
Cleanup Ceased: 10/27/94
Cleanup Meets Std: True
Last Inspection: 10/27/94
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 01/25/95
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 11/09/94
Date Spill Entered In Computer Data File: Not reported
Update Date: 01/03/01
Is Updated: False

Tank:
PBS Number: 5-447439
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Pounds
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: MOSF 4-3360. AMTRAK SPILLS: 8603616, 8902792, 8908915, 8910698, 9010061, 9104514, 9109125, 9109127, 9111297, 9200559, 9201915, 9204101, 9209501, 9209773, 9214182, 9214392, 9304561, 9305742, 9310766, 9410036, 9500315, 9511471, 9512042, 9710677, 9805489, 0010850.
Remark: FOUND CONT. SOIL EXCAVATING BY UGT, STOCKPILING. 10/27-BLAIN @ SITE, MINOR CONT., NO CLEAN-UP REQUIRED, NORMAL CLOSURE DOCUMENTATION.

MOSF:
Facility ID: 4-3360
Program Type: MOSF
Dec Region: 4
Expiration Date: 2014/03/31
Tank Status: Active
UTMX: 603372.96469000
UTMY: 4722845.0271899

B9 **AMTRAK MAINT FAC BROADWAY** **NY Hist Spills** **S104195084**
SSW **675 BROADWAY** **N/A**
< 1/8 **RENSSELAER, NY**
0.036 mi.
188 ft. **Site 7 of 8 in cluster B**

Relative:
Lower

Actual:
28 ft.

NY Hist Spills:

Region of Spill:	4
Spill Number:	9907149
Investigator:	BLAIN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	08/31/1999 12:00
Reported to Dept Date/Time:	09/15/99 09:55
SWIS:	38
Spiller Name:	AMTRAK "AMTRACK MAINTENAN
Spiller Contact:	DAVE WETMORE
Spiller Phone:	(518) 462-7848
Spiller Contact:	RICHARD MOHLENHOFF
Spiller Phone:	(212) 630-6215
Spiller Address:	675 BROADWAY
Spiller City,St,Zip:	RENSSELAER, NY
Spill Cause:	Equipment Failure
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	11
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Cleanup Ceased:	/ /
Cleanup Meets Std:	False
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/19/99
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	09/15/99
Date Spill Entered In Computer Data File:	Not reported
Update Date:	02/14/01
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum

AMTRAK MAINT FAC BROADWAY (Continued) **S104195084**

Quantity Spilled: 150
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: MOSF 4-3360 8603616, 8902792, 8908915, 8910698, 9104514, 9109125, 9109127, 9200559, 9204101, 9209501, 9209773, 9214392, 9214182, 9304561, 9310766, 9410036, 9710677, 9805489, 9907148, 0010850. See spill 99-07148. This spill will be cleaned upunder that number. It is separate, but close this number.
Remark: BROKEN FUEL LINE ON TRAIN - SPILL CLEANED UP

Region of Spill: 4
Spill Number: 9907148
Investigator: BLAIN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 07/09/1999 12:00
Reported to Dept Date/Time: 09/15/99 09:51
SWIS: 38
Spiller Name: AMTRAK "AMTRACK MAINTENAN
Spiller Contact: DAVE WETMORE
Spiller Phone: (518) 462-7848
Spiller Contact: RICHARD MOHLENHOFF
Spiller Phone: (212) 630-6215
Spiller Address: 675 BROADWAY
Spiller City,St,Zip: RENSSELAER, NY
Spill Cause: Other
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 11
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/20/99
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 09/15/99
Date Spill Entered In Computer Data File: Not reported
Update Date: 02/14/01

AMTRAK MAINT FAC BROADWAY (Continued) **S104195084**

Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 150
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: MOSF 4-3360 8603616, 8902792, 8908915, 8910698, 9104514, 9109125, 9109127, 9200559, 9204101, 9209501, 9209773, 9214392, 9214182, 9304561, 9310766, 9410036, 9710677, 9805489, 9907149, 0010850. Report submitted 11/12/99. Showed that one truckloadof soil was disposed. Letter sent requiring full documentation by 12/3/99. folder 12/17/99 Report rec d. Cleanup satisfactory, tho superficial.
Remark: WHILE DEFUELING TRAIN PRODUCT OVERFLOWED CONTAINMENT AREA ONTO SOIL - SPILL CLEANED UP

B10 **AMTRAK MAINTENANCE FAC. BROADWAY** **HIST LTANKS** **S102665021**
SSW **617 BROADWAY AMTRAK** **NY Spills** **N/A**
< 1/8 **RENSSELAER, NY**
0.042 mi.
220 ft. **Site 8 of 8 in cluster B**

Relative:
Lower

Actual:
28 ft.

HIST LTANKS:
Region of Spill: 4
Spill Number: 8902792
Spill Date: 06/17/1989
Spill Time: 12:00
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Major Facility 400,000 gallons
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 06/20/89
Cleanup Ceased: 06/20/89
Cleanup Meets Standard: True
Investigator: BLAIN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported

AMTRAK MAINTENANCE FAC. BROADWAY (Continued) **S102665021**

Notifier Extension: Not reported
Reported to Department Date: 06/17/89
Reported to Department Time: 13:18
SWIS: 38
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: AMTRAK
Spiller Address: 675 BROADWAY
Spiller City,St,Zip: RENSSELAER, NY 12144
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (518) 462-5751
Facility Extention: Not reported
Spill Notifier: Federal Government
PBS Number: -
Last Inspection: 06/20/89
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 06/20/89
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 08/25/99
Is Updated: False

Tank:
PBS Number: 7-007048
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 250
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 08/25/89: CLEAN-UP COMPLETE. MOSF 4-3360. AMTRAK SPILLS: 8603616, 8902792, 8908915, 8910698, 9010061, 9104514, 9109125, 9109127, 9111297, 9200559, 9201915, 9204101, 9209501, 9209773, 9214182, 9214392, 9304561, 9305742, 9310766, 9410036, 9500315, 9511471, 9512042, 9710677, 9805489.
Spill Cause: NO OTHER AGENCIES NOTIFIED, NO ACTION TAKEN. BLAIN ON SCENE 1430, HIRED DOMERMUTH TO CLEANUP. AMTRAK TO PAY DIRECT. DIRECTED GENE KREDENSOR TO START REPLACING SOILED BALLAST-CHECKED 6/20, PROJECT OK.

AMTRAK MAINTENANCE FAC. BROADWAY (Continued) **S102665021**

NY Spills:

Site ID:	221138
Facility Addr2:	Not reported
Facility ID:	8902792
Spill Number:	8902792
Facility Type:	ER
SWIS:	4214
Investigator:	WEBLAIN
Referred To:	Not reported
Spill Date:	6/17/1989
Reported to Dept:	6/17/1989
CID:	Not reported
Spill Cause:	Equipment Failure
Water Affected:	Not reported
Spill Source:	Major Facility > 400,000 gal
Spill Notifier:	Federal Government
Cleanup Ceased:	6/20/1989
Cleanup Meets Std:	True
Last Inspection:	6/20/1989
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	6/20/1989
Remediation Phase:	0
Date Entered In Computer:	6/20/1989
Spill Record Last Update:	3/19/2009
Spiller Name:	Not reported
Spiller Company:	AMTRAK
Spiller Address:	675 BROADWAY
Spiller City,St,Zip:	RENSSELAER, NY 12144
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	4
DER Facility ID:	182895
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BLAIN" 08/25/89: CLEAN-UP COMPLETE. MOSF 4-3360. AMTRAK SPILLS: 8603616, 8902792, 8908915, 8910698, 9010061, 9104514, 9109125, 9109127, 9111297, 9200559, 9201915, 9204101, 9209501, 9209773, 9214182, 9214392, 9304561, 9305742, 9310766, 9410036, 9500315, 9511471, 9512042, 9710677, 9805489.
Remarks:	NO OTHER AGENCIES NOTIFIED, NO ACTION TAKEN. BLAIN ON SCENE 1430, HIRED DOMERMUTH TO CLEANUP. AMTRAK TO PAY DIRECT. DIRECTED GENE KREDENSOR TO START REPLACING SOILED BALLAST-CHECKED 6/20, PROJECT OK.

Material:

Site ID:	221138
Operable Unit ID:	930244
Operable Unit:	01
Material ID:	450470
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	250
Units:	Gallons

AMTRAK MAINTENANCE FAC. BROADWAY (Continued) **S102665021**

Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 221138
Spill Tank Test: 1535604
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

C11 **STEWARTS PARTITION ST** **LTANKS** **S103561210**
SE **12 PARTITION ST** **HIST LTANKS** **N/A**
< 1/8 **RENSSELAER, NY** **NY Spills**
0.053 mi. **NY Hist Spills**
281 ft. **Site 1 of 3 in cluster C**

Relative: Higher

Actual: 47 ft.

LTANKS:
Site ID: 302932
Spill No: 9800508
Spill Date: 4/13/1998
Spill Cause: Tank Overfill
Spill Source: Gasoline Station
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 3/26/2001
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4214
Investigator: KDGOERTZ
Referred To: Not reported
Reported to Dept: 4/13/1998
CID: 322
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: 3/9/2000
Recommended Penalty: Penalty Not Recommended
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 4/13/1998
Spill Record Last Update: 10/19/2004
Spiller Name: CHAD FOWLER
Spiller Company: STEWARTS #262 ICE CREAM S
Spiller Address: P.O. BOX 435
Spiller City,St,Zip: SARATOGA SPRINGS, NY 12866-
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 4

STEWARTS PARTITION ST (Continued) **S103561210**

DER Facility ID: 267733
DEC Memo: 3/9/00: ON THIS DATE I MET MARY PASSARETTI ON SITE AND MARKED OUT THE LOCATIONS FOR ADDITIONAL GEOPROBE POINTS. THERE IS A LEDGE BEHIND THE BUILDING THAT LEADS DOWN TO THE PARKING LOT OF THE AMTRAK TERMINAL. THE LOCATIONS WERE AGREED TO AND WILL BE INSTALLED IN THE NEAR FUTURE. (KG) 2/14/01: THE CONTAMINATION IS DEFINED AND CONTAINED ON SITE AND DOES NOT APPEAR TO BE MIGRATING. THE LATEST SAMPLING DATA HOWEVER SHOWED AN INCREASE IN CONCENTRATIONS FROM THE PREVIOUS SAMPLING EVENT. THIS IS MOST LIKELY DUE TO GROUNDWATER ELEVATION CHANGES. ANOTHER QUARTERLY SAMPLING EVENT WILL BE PERFORMED AND THEN WE WILL CONSIDER THIS SITE FOR CLOSURE. (KG) 3/26/01: RECEIVED ADDITIONAL REPORT. CONCENTRATIONS HAVE DECREASED. PLUME IS COLLAPSING. NO FURTHER ACTION IS NEEDED. (KG) 9313070, 0108309, 0310175
Remarks: during tank removals contaminated soil found from tank overfills

Material:
Site ID: 302932
Operable Unit ID: 1061030
Operable Unit: 01
Material ID: 322474
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 4
Spill Number: 9800508
Spill Date: 04/13/1998
Spill Time: 12:45
Spill Cause: Tank Overfill
Resource Affectd: Groundwater
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 03/26/01

STEWARTS PARTITION ST (Continued) **S103561210**

Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: GOERTZ
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 04/13/98
Reported to Department Time: 12:47
SWIS: 38
Spiller Contact: Not reported
Spiller Phone: ( ) -
Spiller Extention: Not reported
Spiller Name: STEWARTS #262 ICE CREAM S
Spiller Address: P.O. BOX 435
Spiller City,St,Zip: SARATOGA SPRINGS, NY 12866-
Spiller Cleanup Date: / /
Facility Contact: CHAD FOWLER
Facility Phone: (518) 581-1201
Facility Extention: 248
Spill Notifier: Responsible Party
PBS Number: 4-135585
Last Inspection: 03/09/00
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 04/13/98
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 11/19/01
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported

STEWARTS PARTITION ST (Continued) **S103561210**

Last Date: 19940929
DEC Remarks: 3/9/00: ON THIS DATE I MET MARY PASARETTI ON SITE AND MARKED OUT THE LOCATIONS FOR ADDITIONAL GEOPROBE POINTS. THERE IS A LEDGE BEHIND THE BUILDING THAT LEADS DOWN TO THE PARKING LOT OF THE AMTRAK TERMINAL. THE LOCATIONS WERE AGREED TO AND WILL BEINSTALLED IN THE NEAR FUTURE. KG) 2/14/01: THE CONTAMINATION IS DEFINED AND CONTAINED ON SITE AND DOES NOT APPEAR TO BE MIGRATING. THE LATEST SAMPLING DATA HOWEVER SHOWED AN INCREASE IN CONCENTRATIONS FROM THE PREVIOUS SAMPLING EVENT. THIS IS MOST LIKELY DUE TO GROUNDWATER ELEVATION CHANGES. ANOTHER QUARTERLY SAMPLING EVENT WILL BE PERFORMED AND THEN WE WILL CONSIDE THIS SITE FOR CLOSURE. KG) 9313070, 0108309
Spill Cause: during tank removals contaminated soil found from tank overfills

NY Spills:
Site ID: 393307
Facility Addr2: STEWARTS SHOP#262 12 PARTITION STREET
Facility ID: 0711779
Spill Number: 0711779
Facility Type: ER
SWIS: 4214
Investigator: weblain
Referred To: Not reported
Spill Date: 2/8/2008
Reported to Dept: 2/8/2008
CID: 444
Spill Cause: Equipment Failure
Water Affected: Not reported
Spill Source: Passenger Vehicle
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 2/11/2008
Remediation Phase: 0
Date Entered In Computer: 2/8/2008
Spill Record Last Update: 4/30/2008
Spiller Name: TIM JOHNCOX
Spiller Company: STEWARTS ICE CREAM STORES
Spiller Address: P.O. BOX 435
Spiller City,St,Zip: SARATOGA SPRINGS, NY 12866
Spiller Company: 999
Contact Name: TIM JOHNCOX
Contact Phone: (518) 581-1201 4259
DEC Region: 4
DER Facility ID: 342927
DEC Memo: minor surface incident. closed
Remarks: LEAKING GAS TANK ON CUSTOMER GAS TANK- AND HAS SAND DOWN AND ALBANY TANK SERVICE ENROUTE: ALL CONTAINED ON ASPHALT

Material:
Site ID: 393307
Operable Unit ID: 1150275
Operable Unit: 01
Material ID: 2140878

STEWARTS PARTITION ST (Continued) **S103561210**

Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Site ID:	302931
Facility Addr2:	Not reported
Facility ID:	9313070
Spill Number:	9313070
Facility Type:	ER
SWIS:	4214
Investigator:	WEBLAIN
Referred To:	Not reported
Spill Date:	2/4/1994
Reported to Dept:	2/4/1994
CID:	Not reported
Spill Cause:	Other
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Responsible Party
Cleanup Ceased:	2/10/1994
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	2/10/1994
Remediation Phase:	0
Date Entered In Computer:	2/10/1994
Spill Record Last Update:	12/19/2007
Spiller Name:	Not reported
Spiller Company:	CARMAN @ STEWARTS #262
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	4

STEWARTS PARTITION ST (Continued) **S103561210**

DER Facility ID: 267733
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BLAIN" 9800508, 0108309, 0310175
Remarks: SPILL ON PAVING, CARMAN CLEANED.

Material:
Site ID: 302931
Operable Unit ID: 994942
Operable Unit: 01
Material ID: 388463
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 3
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

NY Hist Spills:
Region of Spill: 4
Spill Number: 9313070
Investigator: BLAIN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 02/04/1994 11:15
Reported to Dept Date/Time: 02/04/94 11:42
SWIS: 38
Spiller Name: CARMAN @ STEWARTS #262
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Other
Reported to Dept: On Land
Water Affected: Not reported

STEWARTS PARTITION ST (Continued) **S103561210**

Spill Source: 05
Spill Notifier: Responsible Party
PBS Number: 4-135585
Cleanup Ceased: 02/10/94
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 02/10/94
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 02/10/94
Date Spill Entered In Computer Data File: Not reported
Update Date: 11/19/01
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 3
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 9800508, 0108309
Remark: SPILL ON PAVING, CARMAN CLEANED.

C12 **STEWART'S SHOP # 262** **UST** **U004080718**
SE **12 PARTITION STREET** **N/A**
< 1/8 **RENSSELAER, NY 12144**
0.053 mi.
281 ft. **Site 2 of 3 in cluster C**

Relative:
Higher

Actual:
47 ft.

UST:
Facility Id: 4-135585
Region: STATE
DEC Region: 4
Site Status: Active
Program Type: PBS
Expiration Date: 2017/03/24
UTM X: 603421.57820999995
UTM Y: 4722252.6063099997

STEWART'S SHOP # 262 (Continued) **U004080718**

Affiliation Records:

Site Id:	36023
Affiliation Type:	Owner
Company Name:	STEWARTS SHOPS CORP
Contact Type:	ENVIRONMENTAL COMPLIANCE
Contact Name:	JENNIFER WASHBURN
Address1:	PO BOX 435
Address2:	Not reported
City:	SARATOGA SPRINGS
State:	NY
Zip Code:	12866
Country Code:	001
Phone:	(518) 581-1200
Phone Ext:	222
Email:	JWASHBURN@STEWARTSSHOPS.COM
Fax Number:	Not reported
Modified By:	RLREYELL
Date Last Modified:	5/16/2008

Site Id:	36023
Affiliation Type:	Mail Contact
Company Name:	STEWARTS SHOPS CORP
Contact Type:	Not reported
Contact Name:	JENNIFER WASHBURN
Address1:	PO BOX 435
Address2:	Not reported
City:	SARATOGA SPRINGS
State:	NY
Zip Code:	12866
Country Code:	001
Phone:	(518) 581-1200
Phone Ext:	1850
Email:	JWASHBURN@STEWARTSSHOPS.COM
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	8/7/2008

Site Id:	36023
Affiliation Type:	On-Site Operator
Company Name:	STEWARTS SHOP # 262
Contact Type:	Not reported
Contact Name:	STEWART'S SHOPS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(518) 463-9207
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	RJSCHOWE
Date Last Modified:	2/5/2007

Site Id:	36023
Affiliation Type:	Emergency Contact

STEWART'S SHOP # 262 (Continued) **U004080718**

Company Name:	STEWARTS SHOPS CORP
Contact Type:	Not reported
Contact Name:	CHAD FOWLER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(518) 581-1200
Phone Ext:	1427
Email:	Not reported
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2/18/2011

Equipment Records:

F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
L08 - Piping Leak Detection - Tank Top Sump
D11 - Pipe Type - Flexible Piping
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
L08 - Piping Leak Detection - Tank Top Sump
D11 - Pipe Type - Flexible Piping
L08 - Piping Leak Detection - Tank Top Sump
D11 - Pipe Type - Flexible Piping
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
H04 - Tank Leak Detection - Groundwater Well
E04 - Piping Secondary Containment - Double-Walled (Underground)
H04 - Tank Leak Detection - Groundwater Well
H04 - Tank Leak Detection - Groundwater Well
E04 - Piping Secondary Containment - Double-Walled (Underground)
E04 - Piping Secondary Containment - Double-Walled (Underground)
H04 - Tank Leak Detection - Groundwater Well
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)
B02 - Tank External Protection - Original Sacrificial Anode
B02 - Tank External Protection - Original Sacrificial Anode
B02 - Tank External Protection - Original Sacrificial Anode
B02 - Tank External Protection - Original Sacrificial Anode
B02 - Tank External Protection - Original Sacrificial Anode
B02 - Tank External Protection - Original Sacrificial Anode
B02 - Tank External Protection - Original Sacrificial Anode
K01 - Spill Prevention - Catch Basin
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
B01 - Tank External Protection - Painted/Asphalt Coating

STEWART'S SHOP # 262 (Continued) **U004080718**

K01 - Spill Prevention - Catch Basin
B01 - Tank External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
B01 - Tank External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
I01 - Overfill - Float Vent Valve
I03 - Overfill - Automatic Shut-Off
I03 - Overfill - Automatic Shut-Off
I01 - Overfill - Float Vent Valve
I01 - Overfill - Float Vent Valve
I03 - Overfill - Automatic Shut-Off
J02 - Dispenser - Suction
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
J01 - Dispenser - Submersible
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
J01 - Dispenser - Submersible
A00 - Tank Internal Protection - None
J01 - Dispenser - Submersible
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F02 - Pipe External Protection - Original Sacrificial Anode
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
F02 - Pipe External Protection - Original Sacrificial Anode
C02 - Pipe Location - Underground/On-ground
F02 - Pipe External Protection - Original Sacrificial Anode
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
C02 - Pipe Location - Underground/On-ground
F02 - Pipe External Protection - Original Sacrificial Anode

Tank Info:

Site ID:	36023
Tank Number:	1
Tank ID:	88377
Tank Status:	Closed - Removed
Tank Model:	Not reported

STEWART'S SHOP # 262 (Continued) **U004080718**

Pipe Model:	Not reported
Install Date:	07/01/1986
Capacity Gallons:	4000
Tightness Test Method:	14
Next Test Date:	Not reported
Date Tank Closed:	04/01/1998
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	10/01/1996
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	36023
Tank Number:	2
Tank ID:	88378
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	07/01/1986
Capacity Gallons:	4000
Tightness Test Method:	14
Next Test Date:	Not reported
Date Tank Closed:	04/01/1998
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	10/01/1996
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	36023
Tank Number:	3
Tank ID:	88379
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	07/01/1986
Capacity Gallons:	4000
Tightness Test Method:	14
Next Test Date:	Not reported
Date Tank Closed:	04/01/1998
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	10/01/1996
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	36023
Tank Number:	4
Tank ID:	88380
Tank Status:	Closed - Removed
Tank Model:	Not reported

STEWART'S SHOP # 262 (Continued) **U004080718**

Pipe Model:	Not reported
Install Date:	07/01/1986
Capacity Gallons:	4000
Tightness Test Method:	14
Next Test Date:	Not reported
Date Tank Closed:	04/01/1998
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	10/01/1996
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	36023
Tank Number:	5
Tank ID:	97398
Tank Status:	In Service
Tank Model:	102
Pipe Model:	Not reported
Install Date:	04/01/1998
Capacity Gallons:	8000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	rjschowe
Last Modified:	03/02/2010
Site ID:	36023
Tank Number:	6A
Tank ID:	97399
Tank Status:	In Service
Tank Model:	102
Pipe Model:	Not reported
Install Date:	04/01/1998
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	rjschowe
Last Modified:	03/02/2010
Site ID:	36023
Tank Number:	6B
Tank ID:	99056
Tank Status:	In Service
Tank Model:	102

STEWART'S SHOP # 262 (Continued) **U004080718**

Pipe Model:	Not reported
Install Date:	04/01/1998
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	rjschowe
Last Modified:	03/02/2010

C13 **STEWARTS SHOPS CORP 262** **HIST UST** **U000382728**
SE **12 PARTITION STREET** **N/A**
< 1/8 **RENSSELAER, NY 12144**
0.053 mi.
281 ft. **Site 3 of 3 in cluster C**

Relative:
Higher

Actual:
47 ft.

HIST UST:

PBS Number:	4-135585
SPDES Number:	Not reported
Emergency Contact:	CHAD FOWLER
Emergency Telephone:	(518) 581-1201
Operator:	STEWARTS SHOPS
Operator Telephone:	(518) 463-9207
Owner Name:	STEWARTS SHOPS CORP
Owner Address:	PO BOX 435
Owner City,St,Zip:	SARATOGA SPRINGS, NY 12866
Owner Telephone:	(518) 581-1201
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	STEWARTS SHOPS CORP
Mailing Address:	PO BOX 435
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SARATOGA SPRINGS, NY 12866
Mailing Contact:	DAVID ROTHBERG
Mailing Telephone:	(518) 581-1201
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	Not reported
SWIS ID:	3814
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	12/20/2001
Expiration Date:	03/24/2007
Renew Flag:	False
Renewal Date:	20011113
Total Capacity:	16000
FAMT:	True
Facility Screen:	No Missing Data

STEWARTS SHOPS CORP 262 (Continued) **U000382728**

Owner Screen: No Missing Data
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: RENSSELAER (C)
County Code: 38
Town or City: 14
Region: 4

Tank Id: 1
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19860701
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: 21
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 26
Second Containment: None
Leak Detection: Groundwater Well
Overfill Prot: Automatic Shut-Off, Catch Basin
Dispenser: Suction
Date Tested: 10/01/1996
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 04/01/1998
Test Method: Tankology [Vacutect]
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 2
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19860701
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: 21
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 26
Second Containment: None
Leak Detection: Groundwater Well
Overfill Prot: Automatic Shut-Off, Catch Basin
Dispenser: Suction
Date Tested: 10/01/1996
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 04/01/1998

STEWARTS SHOPS CORP 262 (Continued) **U000382728**

Test Method: Tankology [Vacutect]
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 3
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19860701
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: 21
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 26
Second Containment: None
Leak Detection: Groundwater Well
Overfill Prot: Automatic Shut-Off, Catch Basin
Dispenser: Suction
Date Tested: 10/01/1996
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 04/01/1998
Test Method: Tankology [Vacutect]
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 4
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19860701
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: 21
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 26
Second Containment: None
Leak Detection: Groundwater Well
Overfill Prot: Automatic Shut-Off, Catch Basin
Dispenser: Suction
Date Tested: 10/01/1996
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 04/01/1998
Test Method: Tankology [Vacutect]
Deleted: False
Updated: True

STEWARTS SHOPS CORP 262 (Continued) **U000382728**

Lat/long: Not reported

Tank Id: 5
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 19980401
Capacity (gals): 8000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: 12
Pipe Location: Underground
Pipe Type: FIBERGLASS REINFORCED PLASTIC
Pipe Internal: Other
Pipe External: Other
Second Containment: Vault (w/access)
Leak Detection: Electronic
Overfill Prot: Float Vent Valve, Catch Basin
Dispenser: Submersible
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 6A
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 19980401
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: 12
Pipe Location: Underground
Pipe Type: FIBERGLASS REINFORCED PLASTIC
Pipe Internal: Other
Pipe External: Other
Second Containment: Vault (w/access)
Leak Detection: Electronic
Overfill Prot: Float Vent Valve, Catch Basin
Dispenser: Submersible
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

STEWARTS SHOPS CORP 262 (Continued) **U000382728**

Tank Id:	6B
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19980401
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	12
Pipe Location:	Underground
Pipe Type:	FIBERGLASS REINFORCED PLASTIC
Pipe Internal:	Other
Pipe External:	Other
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	Float Vent Valve, Catch Basin
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

D14 **849 2ND AVE** **NY Spills** **S104652110**
East **849 2ND AVE @ 123RD ST** **NY Hist Spills** **N/A**
< 1/8 **TROY, NY**
0.108 mi.
572 ft. **Site 1 of 2 in cluster D**

Relative:
Higher

Actual:
87 ft.

NY Spills:

Site ID:	241666
Facility Addr2:	Not reported
Facility ID:	0000965
Spill Number:	0000965
Facility Type:	ER
SWIS:	4217
Investigator:	WEBLAIN
Referred To:	Not reported
Spill Date:	4/24/2000
Reported to Dept:	4/24/2000
CID:	281
Spill Cause:	Unknown
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	4/26/2000
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	5/18/2000
Remediation Phase:	0
Date Entered In Computer:	4/24/2000

849 2ND AVE (Continued) **S104652110**

Spill Record Last Update:	5/18/2000
Spiller Name:	BOB GORMAN
Spiller Company:	LANSINGBURG PARTNERS, LTD
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	MARK SCHNITZER
Contact Phone:	(518) 453-0146
DEC Region:	4
DER Facility ID:	198660
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BLAIN" 4/26/00 Blain onsite. Little or no spillage. Tank closure report being done, with sampling. No apparent spillage. Dug to GW. Old 1k tank. 5/17/00 Report rec'd. Confirms no release. Closeout letter sent.
Remarks:	DURING CONSTRUCTION AT ABOVE LOCATION WORKERS STRUCK 1 1500 GAL. UNDERGROUND TANK. TANK BELIEVED EMPTY AT TIME OF INCIDENT. POSS SOIL CONTAMINATION DISCOVERED. CALLER REQUESTING CALL BACK FROM DEC REP.

Material:

Site ID:	241666
Operable Unit ID:	822731
Operable Unit:	01
Material ID:	289194
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	4
Spill Number:	0000965
Investigator:	BLAIN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported

849 2ND AVE (Continued) **S104652110**

Spill Date/Time: 04/24/2000 15:30
Reported to Dept Date/Time: 04/24/00 16:42
SWIS: 38
Spiller Name: LANSINGBURG PARTNERS, LTD
Spiller Contact: BOB GORMAN
Spiller Phone: (518) 783-5871
Spiller Contact: MARK SCHNITZER
Spiller Phone: (518) 453-0146
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 01
Spill Notifier: Other
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: True
Last Inspection: 04/26/00
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 05/18/00
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 04/24/00
Date Spill Entered In Computer Data File: Not reported
Update Date: 05/18/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: 4/26/00 Blain onsite. Little or no spillage. Tank closure report being done, with sampling. No apparent spillage. Dug to GW. Old 1k tank. 5/17/00 Report rec d. Confirms no release. Closeout letter sent.
Remark: DURING CONSTRUCTION AT ABOVE LOCATION WORKERS STRUCK 1 1500 GAL. UNDERGROUND

849 2ND AVE (Continued) **S104652110**

TANK. TANK BELIEVED EMPTY AT TIME OF INCIDENT. POSS SOIL CONTAMINATION DISCOVERED. CALLER REQUESTING CALL BACK FROM DEC REP.

D15 **869 SECOND AVE LLC** **NY Spills** **S109206713**
East **869 2ND AVE @ 126TH ST** **N/A**
< 1/8 **TROY, NY**
0.113 mi.
596 ft. **Site 2 of 2 in cluster D**

Relative:
Higher

Actual:
88 ft.

NY Spills:

Site ID:	401985
Facility Addr2:	869 SECOND AVE LLC 869 SECOND AVE(126 S
Facility ID:	0804974
Spill Number:	0804974
Facility Type:	ER
SWIS:	4217
Investigator:	WEBLAIN
Referred To:	Not reported
Spill Date:	7/30/2008
Reported to Dept:	7/30/2008
CID:	404
Spill Cause:	Unknown
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	8/20/2008
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	2/6/2009
Remediation Phase:	0
Date Entered In Computer:	7/30/2008
Spill Record Last Update:	2/6/2009
Spiller Name:	KATHERINE KAHL
Spiller Company:	869 SECOND AVE LLC
Spiller Address:	869 SECOND AVE(126 ST)
Spiller City,St,Zip:	TROY, NY
Spiller Company:	001
Contact Name:	KATHERINE KAHL
Contact Phone:	(518) 858-3237
DEC Region:	4
DER Facility ID:	351191
DEC Memo:	[old Freihofer's?] 8/28/08 Update from Curt Capellano, Evergreen Testing. Bad soil brought back to original site. Awaiting testing results. Will submit formal report. Will include a plan to manange soil onsite. 9/08 Soil segregated into pile that meets TAGM and pile that doesn't. Bad pile being disposed. Got results for pile that meets TAGM. e-docs 10/08 Got final report incl. soil disposal rcpts. closed letter sent
Remarks:	found contaminated soil during excavation for a new building; samples have been taken; stock piling will occur; probably related to spill 8504271

Material:

Site ID:	401985

869 SECOND AVE LLC (Continued) **S109206713**

Operable Unit ID:	1158758
Operable Unit:	01
Material ID:	2149848
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

16
SE
< 1/8
0.115 mi.
606 ft.

Relative:
Higher

Actual:
76 ft.

ABAIRE RES LANSING PL CAR **NY Spills** **S102111915**
87 LANSING PL **NY Hist Spills** **N/A**
RENSSELAER, NY

NY Spills:

Site ID:	235833
Facility Addr2:	Not reported
Facility ID:	9202008
Spill Number:	9202008
Facility Type:	ER
SWIS:	4214
Investigator:	WEBLAIN
Referred To:	Not reported
Spill Date:	5/18/1992
Reported to Dept:	5/19/1992
CID:	Not reported
Spill Cause:	Deliberate
Water Affected:	Not reported
Spill Source:	Passenger Vehicle
Spill Notifier:	Citizen
Cleanup Ceased:	5/20/1992
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
Spill Closed Dt:	6/8/1992

ABAIRE RES LANSING PL CAR (Continued) **S102111915**

Remediation Phase: 0
Date Entered In Computer: 6/8/1992
Spill Record Last Update: 2/9/1998
Spiller Name: Not reported
Spiller Company: CHRIS ABAIRE BLUE CHEVELL
Spiller Address: SAME
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 4
DER Facility ID: 194267
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BLAIN"
Remarks: OIL PAN PLUG REMOVED IN DOMESTIC DISPUTE, OIL FROM SRIVE TO ST, NO CLEAN-UP. NO DEC RESPONSE REQ. PER BLAIN.

Material:
Site ID: 235833
Operable Unit ID: 969347
Operable Unit: 01
Material ID: 413287
Material Code: 0022
Material Name: Waste Oil/Used Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:
Region of Spill: 4
Spill Number: 9202008
Investigator: BLAIN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 05/18/1992 19:00
Reported to Dept Date/Time: 05/19/92 09:27

ABAIRE RES LANSING PL CAR (Continued) **S102111915**

SWIS: 38
Spiller Name: CHRIS ABAIRE BLUE CHEVELL
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: SAME
Spiller City,St,Zip: Not reported
Spill Cause: Deliberate
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 06
Spill Notifier: Citizen
PBS Number: Not reported
Cleanup Ceased: 05/20/92
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
Spill Closed Dt: 06/08/92
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 06/08/92
Date Spill Entered In Computer Data File: Not reported
Update Date: 02/09/98
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: WASTE OIL
Class Type: WASTE OIL
Times Material Entry In File: 9509
CAS Number: Not reported
Last Date: 19940927
DEC Remarks: Not reported
Remark: OIL PAN PLUG REMOVED IN DOMESTIC DISPUTE, OIL FROM SRIVE TO ST, NO CLEAN-UP. NO DEC RESPONSE REQ. PER BLAIN.

17
SSE
< 1/8
0.125 mi.
660 ft.

WILSON ST DUMPING — **NY Spills** **S103827769**
WILSON ST @ END OF ST — **NY Hist Spills** **N/A**
RENSSELAER, NY

Relative:
Higher

Actual:
46 ft.

NY Spills:

Site ID:	108845
Facility Addr2:	Not reported
Facility ID:	9813332
Spill Number:	9813332
Facility Type:	ER
SWIS:	4214
Investigator:	WTCHRIST
Referred To:	Not reported
Spill Date:	1/31/1999
Reported to Dept:	1/31/1999
CID:	382
Spill Cause:	Unknown
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release that creates potential for fire or hazard. (Minimal Occurrence)
Spill Closed Dt:	2/1/1999
Remediation Phase:	0
Date Entered In Computer:	1/31/1999
Spill Record Last Update:	2/9/1999
Spiller Name:	Not reported
Spiller Company:	UNKNWON [END OF]
Spiller Address:	[WILSON ST]
Spiller City,St,Zip:	[RENSSELAER], ZZ
Spiller Company:	001
Contact Name:	UNKNOWN
Contact Phone:	Not reported
DEC Region:	4
DER Facility ID:	95639
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CHRISTENSEN" 2/1/99 - ON 1/31/99 I CHECKED AREA FOR ANY SIGN OF A SPILL OR ILLEGAL DUMPING BUT COULD NOT FIND ANYTHING. 9200569, 9305705.
Remarks:	UNKNOWN MATERIAL WAS DUMPED AT THE END OF THE ROAD. CALLER STATES THAT IT IS NOT FROZEN EVEN THOUGH IT IS BELOW FREEZING OUTSIDE.

Material:

Site ID:	108845
Operable Unit ID:	1073775
Operable Unit:	01
Material ID:	566409
Material Code:	0064A
Material Name:	UNKNOWN MATERIAL
Case No.:	Not reported
Material FA:	Other
Quantity:	0
Units:	Gallons

WILSON ST DUMPING (Continued) **S103827769**

Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:
Region of Spill: 4
Spill Number: 9813332
Investigator: CHRISTENSEN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 01/31/1999 11:00
Reported to Dept Date/Time: 01/31/99 11:08
SWIS: 38
Spiller Name: UNKNWON [END OF]
Spiller Contact: Not reported
Spiller Phone: ( ) -
Spiller Contact: UNKNOWN
Spiller Phone: ( ) -
Spiller Address: [WILSON ST]
Spiller City,St,Zip: [RENSSELAER]
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Citizen
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release that creates potential for fire or hazard. (Minimal Occurrence)
Spill Closed Dt: 02/01/99
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /

WILSON ST DUMPING (Continued) **S103827769**

Date Spill Entered In Computer Data File: 01/31/99
Date Spill Entered In Computer Data File: Not reported
Update Date: 02/09/99
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Raw Sewage
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN MATERIAL
Class Type: UNKNOWN MATERIAL
Times Material Entry In File: 9140
CAS Number: Not reported
Last Date: 19941109
DEC Remarks: 2/1/99 - ON 1/31/99 I CHECKED AREA FOR ANY SIGN OF A SPILL OR ILLEGAL DUMPING BUT COULD NOT FIND ANYTHING. 9200569, 9305705.
Remark: UNKNOWN MATERIAL WAS DUMPED AT THE END OF THE ROAD. CALLER STATES THAT IT IS NOT FROZEN EVEN THOUGH IT IS BELOW FREEZING OUTSIDE.

18
NNW
1/8-1/4
0.146 mi.
771 ft.

AMTRAK BROADWAY **LTANKS** **S100153958**
BROADWAY .5MI S OF STAT'N **HIST LTANKS** **N/A**
RENSSELAER, NY **NY Spills**
NY Hist Spills

Relative:
Lower

Actual:
22 ft.

LTANKS:
Site ID: 64328
Spill No: 9104514
Spill Date: 7/26/1991
Spill Cause: Tank Failure
Spill Source: Major Facility > 400,000 gal
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 4/7/1993
Facility Addr2: AMTRAK
Cleanup Ceased: 12/31/1992
Cleanup Meets Standard: True
SWIS: 4214
Investigator: WEBLAIN
Referred To: Not reported
Reported to Dept: 7/26/1991
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0

AMTRAK BROADWAY (Continued) **S100153958**

Date Entered In Computer: 7/30/1991
Spill Record Last Update: 3/4/2003
Spiller Name: Not reported
Spiller Company: AMTRAK
Spiller Address: BROADWAY
Spiller City,St,Zip: RENSSELAER, ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 4
DER Facility ID: 62003
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BLAIN" AMTRAK SPILLS: 8603616, 8902792, 8908915, 8910698, 9010061, 9104514, 9109125, 9109127, 9111297, 9200559, 9201915, 9204101, 9209501, 9209773, 9214182, 9214392, 9304561, 9305742, 9310766, 9410036, 9500315, 9511471, 9512042, 9710677, 9805489.
Remarks: TRACER RESEARCH FOUND CONT. SOIL W/TEST BORINGS, SHELDON OIL PUMPED OUT TANK. LINE LEAK @ LOADING RACK, INCLUDED IN CONSENT ORDER FOR REMEDIATION OF 8910692.

Material:
Site ID: 64328
Operable Unit ID: 958415
Operable Unit: 01
Material ID: 423573
Material Code: 0022
Material Name: Waste Oil/Used Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 64328
Spill Tank Test: 1538814
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

HIST LTANKS:
Region of Spill: 4
Spill Number: 9104514
Spill Date: 07/26/1991
Spill Time: 15:10
Spill Cause: Tank Failure
Resource Affectd: On Land

AMTRAK BROADWAY (Continued) **S100153958**

Water Affected:	Not reported
Spill Source:	Major Facility 400,000 gallons
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	04/07/93
Cleanup Ceased:	12/31/92
Cleanup Meets Standard:	True
Investigator:	BLAIN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	07/26/91
Reported to Department Time:	16:27
SWIS:	38
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	AMTRAK
Spiller Address:	BROADWAY
Spiller City,St,Zip:	RENSSELAER
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(518) 462-5751
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	-
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	07/30/91
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	08/25/99
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	0
Unkonwn Quantity Spilled:	True
Units:	Gallons
Quantity Recovered:	0

AMTRAK BROADWAY (Continued) **S100153958**

Unkonwn Quantity Recovered: True
Material: WASTE OIL
Class Type: WASTE OIL
Times Material Entry In File: 9509
CAS Number: Not reported
Last Date: 19940927
DEC Remarks: AMTRAK SPILLS: 8603616, 8902792, 8908915, 8910698, 9010061, 9104514, 9109125, 9109127, 9111297, 9200559, 9201915, 9204101, 9209501, 9209773, 9214182, 9214392, 9304561, 9305742, 9310766, 9410036, 9500315, 9511471, 9512042, 9710677, 9805489.
Spill Cause: TRACER RESEARCH FOUND CONT. SOIL W/TEST BORINGS, SHELDON OIL PUMPED OUT TANK. LINE LEAK @ LOADING RACK, INCLUDED IN CONSENT ORDER FOR REMEDIATION OF 8910692.

NY Spills:
Site ID: 451874
Facility Addr2: COMMERCIAL PROPERTY- RENSSELAER TRACK B
Facility ID: 1104273
Spill Number: 1104273
Facility Type: ER
SWIS: 4214
Investigator: JDUTBERG
Referred To: Not reported
Spill Date: 7/18/2011
Reported to Dept: 7/18/2011
CID: Not reported
Spill Cause: Equipment Failure
Water Affected: Not reported
Spill Source: Railroad Car
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 8/8/2011
Remediation Phase: 0
Date Entered In Computer: 7/18/2011
Spill Record Last Update: 8/9/2011
Spiller Name: AMTRACK
Spiller Company: AMTRAK
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: CLAUDIA
Contact Phone: (212) 630-6215
DEC Region: 4
DER Facility ID: 406445
DEC Memo: 7/18/11 Josh Utberg on site w/ Larry Lohman (Amtrak). Coupling on connecting hose to fueling truck broke while the Engine was being refueled. Fuel sprayed on the access roadway and ran into storm drain located about 6’ away. Storm drain is connected to an oil water seperator. Top layer of contaminated stone was scraped up with a loader and placed into a lined holding pit. Railroad has a contractor who removes contaminated waste from the pit. Oil water seperator will be pumped out in the morning and ran through the facility treatment

AMTRAK BROADWAY (Continued) **S100153958**

system. Will inform DOW of this. A contractor was contacted to vac out the storm drain to remove the crusher run stone and product that had fallen into the drain. - JDU 8/8/11 Reciept for pumping the oil water seperator recieved. Pureland pumped out 1503 gal of water and 7 gal of product. Spill can be closed - JDU

Remarks: 1331 THE CALLER ADVISED DURING THE FILLING OF A RAILROAD CART A HOSE RUPTURED CAUSING THE SPILL. SOIL AND STORM DRAIN HAVE BEEN IMPACTED. THE CLEAN UP IS IN PROGRESS BY AMTRACK. TRACK 2.

Material:

Site ID:	451874
Operable Unit ID:	1202049
Operable Unit:	01
Material ID:	2198618
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	30
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Site ID:	64333
Facility Addr2:	AMTRAK
Facility ID:	9304561
Spill Number:	9304561
Facility Type:	ER
SWIS:	4214
Investigator:	HOY
Referred To:	Not reported
Spill Date:	7/12/1993
Reported to Dept:	7/12/1993
CID:	Not reported
Spill Cause:	Human Error
Water Affected:	Not reported
Spill Source:	Major Facility > 400,000 gal
Spill Notifier:	Responsible Party
Cleanup Ceased:	9/22/1993
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False

AMTRAK BROADWAY (Continued) **S100153958**

Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
Spill Closed Dt:	10/29/1993
Remediation Phase:	0
Date Entered In Computer:	7/21/1993
Spill Record Last Update:	3/4/2003
Spiller Name:	Not reported
Spiller Company:	AMTRAK
Spiller Address:	618 BROADWAY .5MI S OF ST
Spiller City,St,Zip:	RENSSELAER, ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	4
DER Facility ID:	62003
DEC Memo:	Not reported
Remarks:	NOZZLE OFF DURING FUELING, .5mi S OF STATION, REMOVED CONT. SOIL, STOCKPILING. 14:50-HOY TELECON W/HEBERT, ADVISED RE: OPTIONS, ANALYSIS REQ, PURELAND TO DISPOSE. SATISFACTORY, NO DEC INSP.

Material:

Site ID:	64333
Operable Unit ID:	986233
Operable Unit:	01
Material ID:	398059
Material Code:	0001
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	75
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	64333
Spill Tank Test:	1541755
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

NY Hist Spills:

Region of Spill:	4
Spill Number:	9109127
Investigator:	BLAIN
Caller Name:	Not reported
Caller Agency:	Not reported

AMTRAK BROADWAY (Continued) **S100153958**

Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 11/01/1991 10:00
Reported to Dept Date/Time: 11/01/91 11:00
SWIS: 38
Spiller Name: AMTRAK
Spiller Contact: Not reported
Spiller Phone: (518) 462-5739
Spiller Address: BROADWAY
Spiller City,St,Zip: RENSSELAER
Spill Cause: Equipment Failure
Reported to Dept: Groundwater
Water Affected: Not reported
Spill Source: 03
Spill Notifier: Responsible Party
PBS Number: 4-003360
Cleanup Ceased: 09/26/92
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: True
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 10/02/92
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 01/06/92
Date Spill Entered In Computer Data File: Not reported
Update Date: 08/25/99
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: AMTRAK SPILLS: 8603616, 8902792, 8908915, 8910698, 9010061, 9104514, 9109125, 9109127, 9111297, 9200559, 9201915, 9204101, 9209501, 9209773, 9214182,

AMTRAK BROADWAY (Continued) **S100153958**

9214392, 9304561, 9305742, 9310766, 9410036, 9500315, 9511471, 9512042, 9710677, 9805489.

Remark: REMOVING CONT. SOIL, FOUND LEAKING LINE FROM 200K TANK TO LOADING RACK. SEE 8910698.

Region of Spill:	4
Spill Number:	9109125
Investigator:	BLAIN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	10/31/1991 07:45
Reported to Dept Date/Time:	10/31/91 07:45
SWIS:	38
Spiller Name:	AMTRAK
Spiller Contact:	Not reported
Spiller Phone:	(518) 462-5700
Spiller Address:	BROADWAY
Spiller City,St,Zip:	RENSSELAER
Spill Cause:	Housekeeping
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	03
Spill Notifier:	DEC
PBS Number:	-
Cleanup Ceased:	09/26/92
Cleanup Meets Std:	True
Last Inspection:	10/31/91
Recommended Penalty:	Penalty Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	10/02/92
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	01/06/92
Date Spill Entered In Computer Data File:	Not reported
Update Date:	08/25/99
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	50
Unkonwn Quantity Spilled:	False

AMTRAK BROADWAY (Continued) **S100153958**

Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: AMTRAK SPILLS: 8603616, 8902792, 8908915, 8910698, 9010061, 9104514, 9109125, 9109127, 9111297, 9200559, 9201915, 9204101, 9209501, 9209773, 9214182, 9214392, 9304561, 9305742, 9310766, 9410036, 9500315, 9511471, 9512042, 9710677, 9805489.
Remark: OVERFILL @ FUELING AREA, PUDDLE ON GROUND, BLAIN DIRECTED HEFFNER TO CLEAN W/OTHER DISCHARGES. RECOMMEND PENALTY. SEE 8910698.

Region of Spill: 4
Spill Number: 9304561
Investigator: HOY
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 07/12/1993 12:00
Reported to Dept Date/Time: 07/12/93 13:55
SWIS: 38
Spiller Name: AMTRAK
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: 618 BROADWAY
Spiller City,St,Zip: RENSSELAER
Spill Cause: Human Error
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 03
Spill Notifier: Responsible Party
PBS Number: -
Cleanup Ceased: 09/22/93
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release that creates potential for fire or hazard. (Highly Improbable)
Spill Closed Dt: 10/29/93
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 07/21/93
Date Spill Entered In Computer Data File: Not reported
Update Date: 08/25/99
Is Updated: False

Tank:
PBS Number: Not reported

AMTRAK BROADWAY (Continued) **S100153958**

Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 75
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: AMTRAK SPILLS: 8603616, 8902792, 8908915, 8910698, 9010061, 9104514, 9109125, 9109127, 9111297, 9200559, 9201915, 9204101, 9209501, 9209773, 9214182, 9214392, 9304561, 9305742, 9310766, 9410036, 9500315, 9511471, 9512042, 9710677, 9805489.
Remark: NOZZLE OFF DURING FUELING, REMOVED CONT. SOIL, STOCKPILING. 14:50-HOY TELECON W/HEBERT, ADVISED RE: OPTIONS, ANALYSIS REQ, PURELAND TO DISPOSE. SATISFACTORY, NO DEC INSP.

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19 **SCHOOL 12** **UST U000382275**
East **HARRISON & FIRST STREET** **HIST UST N/A**
1/8-1/4 **TROY, NY 12180**
0.156 mi.
826 ft.

Relative:
Higher

Actual:
109 ft.

UST:
Facility Id: 4-066257
Region: STATE
DEC Region: 4
Site Status: Unregulated
Program Type: PBS
Expiration Date: N/A
UTM X: 603437.71811000002
UTM Y: 4722385.3516499996

Affiliation Records:
Site Id: 35345
Affiliation Type: Owner
Company Name: ENLARGED CITY SCHOOL DIST/TROY
Contact Type: Not reported
Contact Name: Not reported
Address1: 2920 5TH AVENUE
Address2: Not reported
City: TROY
State: NY
Zip Code: 12180
Country Code: 001
Phone: (518) 271-5200
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT

SCHOOL 12 (Continued) **U000382275**

Date Last Modified:	3/4/2004
Site Id:	35345
Affiliation Type:	Mail Contact
Company Name:	ENLARGED CITY SCHOOL DIST/TROY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	2920 5TH AVENUE
Address2:	Not reported
City:	TROY
State:	NY
Zip Code:	12180
Country Code:	001
Phone:	(518) 271-5200
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004
Site Id:	35345
Affiliation Type:	On-Site Operator
Company Name:	SCHOOL 12
Contact Type:	Not reported
Contact Name:	R. COONRAD
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(518) 271-5200
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004
Site Id:	35345
Affiliation Type:	Emergency Contact
Company Name:	ENLARGED CITY SCHOOL DIST/TROY
Contact Type:	Not reported
Contact Name:	G. TASHJIAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(518) 271-5200
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

SCHOOL 12 (Continued) **U000382275**

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Info:

Site ID:	35345
Tank Number:	1
Tank ID:	86216
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	07/01/1982
Capacity Gallons:	10000
Tightness Test Method:	03
Next Test Date:	Not reported
Date Tank Closed:	07/01/1998
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	08/01/1992
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST UST:

PBS Number:	4-066257
SPDES Number:	Not reported
Emergency Contact:	G. TASHJIAN
Emergency Telephone:	(518) 271-5200
Operator:	R. COONRAD
Operator Telephone:	(518) 271-5200
Owner Name:	ENLARGED CITY SCHOOL DIST/TROY
Owner Address:	2920 5TH AVENUE
Owner City,St,Zip:	TROY, NY 12180
Owner Telephone:	(518) 271-5200
Owner Type:	Local Government
Owner Subtype:	Not reported
Mailing Name:	ENLARGED CITY SCHOOL DIST/TROY
Mailing Address:	2920 5TH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	TROY, NY 12180
Mailing Contact:	Not reported
Mailing Telephone:	(518) 271-5200
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	Not reported
SWIS ID:	3817
Old PBS Number:	Not reported
Facility Type:	SCHOOL

SCHOOL 12 (Continued) **U000382275**

Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	12/02/1996
Expiration Date:	12/18/2001
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	TROY (C)
County Code:	38
Town or City:	17
Region:	4

Tank Id:	1
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19820701
Capacity (gals):	10000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	08/01/1992
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	07/01/1998
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

20
South
1/8-1/4
0.174 mi.
918 ft.

PRICECHOPPER GAS EAST ST
EAST ST 625?
RENSSELAER, NY

LTANKS **S102111908**
HIST LTANKS **N/A**

Relative:
Lower

Actual:
26 ft.

LTANKS:

Site ID:	277051
Spill No:	8705458
Spill Date:	9/29/1987
Spill Cause:	Tank Test Failure

PRICECHOPPER GAS EAST ST (Continued) **S102111908**

Spill Source:	Gasoline Station
Spill Class:	Known release that creates potential for fire or hazard. (Minimal Occurrence)
Spill Closed Dt:	2/1/1999
Facility Addr2:	Not reported
Cleanup Ceased:	11/18/1987
Cleanup Meets Standard:	True
SWIS:	4214
Investigator:	WEBLAIN
Referred To:	Not reported
Reported to Dept:	9/29/1987
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	11/10/1998
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	10/1/1987
Spill Record Last Update:	10/28/2003
Spiller Name:	Not reported
Spiller Company:	PRICECHOPPER GOLUB CORP
Spiller Address:	EAST ST [625]
Spiller City,St,Zip:	RENSSELAER, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	4
DER Facility ID:	225248
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BLAIN" / / : COMPLETE. PASSES RETEST. 04/25/88: ALL TANKS RETESTED, NO MONITORING WELLS (IN CLAY MATERIAL), NO ISR, CLOSED. 4/98 Env. Assessment revealed subsurface contamination. Tanks to be removed. 10/98 Asked for STIP to dewater. STIP #R4-196. SEE ALSO 9803350 Oct, Nov 1998, all tanks, and contaminated soils were removed from the site. Total of approx. 2300 tons of soil disposed. Groundwater accumulation was treated and discharged through STIP R4-196. Confirmatory samples for excavation and dewatering enclosed in report submitted Jan. 1999. The gas station part of the property is actually owned by a different subsidiary of Price Chopper than the old supermarket immediately adjacent. For purposes of clarity, the old contamination on the supermarket side is under the other spill number. With the submittal Jan.,1999, this spill is now closed.
Remarks:	(5) 4K UGT'S - ALL FAILED AT UNDETERMINABLE RATES. (1) REG GAS, (2) SUPER UNLEADED, (2) REG UNLEADED. WILL EXCAVATE AND RETEST. NEW HISTORY, FILE, 1998.

Material:

Site ID:	277051
Operable Unit ID:	909289
Operable Unit:	01
Material ID:	468059
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum

PRICECHOPPER GAS EAST ST (Continued) **S102111908**

Quantity: 1000
Units: Gallons
Recovered: 950
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 277051
Spill Tank Test: 1531761
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

HIST LTANKS:
Region of Spill: 4
Spill Number: 8705458
Spill Date: 09/29/1987
Spill Time: 13:00
Spill Cause: Tank Test Failure
Resource Affectd: Groundwater
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release that creates potential for fire or hazard. (Minimal Occurrence)
Spill Closed Dt: 02/01/99
Cleanup Ceased: 11/18/87
Cleanup Meets Standard: True
Investigator: BLAIN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 09/29/87
Reported to Department Time: 13:10
SWIS: 38
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: PRICECHOPPER GOLUB CORP
Spiller Address: EAST ST
Spiller City,St,Zip: RENSSELAER, NY
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (381) 134-
Facility Extention: Not reported
Spill Notifier: Tank Tester

PRICECHOPPER GAS EAST ST (Continued) **S102111908**

PBS Number: 4-016977
Last Inspection: 11/10/98
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/01/87
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 04/24/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 1000
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 950
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: / / : COMPLETE. PASSES RETEST. 04/25/88: ALL TANKS RETESTED, NO MONITORING WELLS IN CLAY MATERIAL), NO ISR, CLOSED. 4/98 Env. Assessment revealed subsurface contamination. Tanks to be removed. 10/98 Asked for STIP to dewater. STIP R4-196. SEEALSO 9803350 Oct, Nov 1998, all tanks, and contaminated soils were removed from the site. Total of approx. 2300 tons of soil disposed. Groundwater accumulation was treated and discharged through STIP R4-196. Confirmatory samples for excavation anddewatering enclosed in report submitted Jan. 1999. The gas station part of the property is actually owned by a different subsidiary of Price Chopper than the old supermarket immediately adjacent. For purposes of clarity, the old contamination on the supermarket side is under the other spill number. With the submittal Jan.,1999, this spill is now closed.
Spill Cause: 5) 4K UGT S - ALL FAILED AT UNDETERMINABLE RATES. 1) REG GAS, 2) SUPER UNLEADED, 2) REG UNLEADED. WILL EXCAVATE AND RETEST. NEW HISTORY, FILE, 1998.

E21
SSE
1/8-1/4
0.204 mi.
1076 ft.

CITY OF RENSSELAER D.P.W.
25 WILLOW ST
RENSSELAER, NY 12144

Site 1 of 2 in cluster E

HIST UST **U003076455**
HIST AST **N/A**

Relative:
Lower

Actual:
26 ft.

HIST UST:

PBS Number:	4-600088
SPDES Number:	Not reported
Emergency Contact:	PETE MANCINI
Emergency Telephone:	(518) 462-5512
Operator:	CITY OF RENSSELAER
Operator Telephone:	(518) 462-9616
Owner Name:	CITY OF RENSSELAER
Owner Address:	505 BROADWAY
Owner City,St,Zip:	RENSSELAER, NY 12144
Owner Telephone:	(518) 462-9616
Owner Type:	Local Government
Owner Subtype:	Not reported
Mailing Name:	CITY OF RENSSELAER
Mailing Address:	505 BROADWAY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RENSSELAER, NY 12144
Mailing Contact:	PETE MANCINI
Mailing Telephone:	(518) 462-9616
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	Not reported
SWIS ID:	3814
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	07/09/1999
Expiration Date:	05/27/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	2850
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	RENSSELAER (C)
County Code:	38
Town or City:	14
Region:	4
Tank Id:	1
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19870701
Capacity (gals):	2000

CITY OF RENSSELAER D.P.W. (Continued) **U003076455**

Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	12
Pipe Location:	Underground
Pipe Type:	FIBERGLASS REINFORCED PLASTIC
Pipe Internal:	None
Pipe External:	Other
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	Float Vent Valve, Catch Basin
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

HIST AST:

PBS Number:	4-600088
SWIS Code:	3814
Operator:	CITY OF RENSSELAER
Facility Phone:	(518) 462-9616
Facility Addr2:	Not reported
Facility Type:	OTHER
Emergency:	PETE MANCINI
Emergency Tel:	(518) 462-5512
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	CITY OF RENSSELAER
Owner Address:	505 BROADWAY
Owner City,St,Zip:	RENSSELAER, NY 12144
Federal ID:	Not reported
Owner Tel:	(518) 462-9616
Owner Type:	Local Government
Owner Subtype:	Not reported
Mailing Contact:	PETE MANCINI
Mailing Name:	CITY OF RENSSELAER
Mailing Address:	505 BROADWAY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RENSSELAER, NY 12144
Mailing Telephone:	(518) 462-9616
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	07/09/1999
Expiration:	05/27/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	2850

CITY OF RENSSELAER D.P.W. (Continued) **U003076455**

FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	RENSSELAER (C)
County Code:	38
Town or City Code:	14
Region:	4

Tank ID:	2
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	550
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	0
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	3
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	300
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	0
Dispenser Method:	Suction
Date Tested:	Not reported

CITY OF RENSSELAER D.P.W. (Continued) **U003076455**

Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

E22 **CITY OF RENSSELAER D.P.W.** **UST U004062314**
SSE **25 WILLOW ST** **AST N/A**
1/8-1/4 **RENSSELAER, NY 12144**
0.204 mi.
1076 ft. **Site 2 of 2 in cluster E**

Relative:
Lower

Actual:
26 ft.

UST:

Facility Id:	4-600088
Region:	STATE
DEC Region:	4
Site Status:	Active
Program Type:	PBS
Expiration Date:	2012/05/27
UTM X:	603409.59600999998
UTM Y:	4722051.1481100004

Affiliation Records:

Site Id:	37423
Affiliation Type:	Owner
Company Name:	CITY OF RENSSELAER
Contact Type:	DPW COMMISSIONER
Contact Name:	THOMAS CAPUANO
Address1:	62 WASHINGTON STREET
Address2:	Not reported
City:	RENSSELAER
State:	NY
Zip Code:	12144
Country Code:	001
Phone:	(518) 462-9511
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DRLIGHTS
Date Last Modified:	9/24/2010

Site Id:	37423
Affiliation Type:	Mail Contact
Company Name:	CITY OF RENSSELAER
Contact Type:	Not reported
Contact Name:	THOMAS CAPUANO - DPW COMMISSIONER
Address1:	62 WASHINGTON STREET
Address2:	Not reported
City:	RENSSELAER
State:	NY
Zip Code:	12144
Country Code:	001
Phone:	(518) 462-9511
Phone Ext:	Not reported
Email:	Not reported

CITY OF RENSSELAER D.P.W. (Continued) **U004062314**

Fax Number: Not reported
Modified By: DRLIGHTS
Date Last Modified: 9/24/2010

Site Id: 37423
Affiliation Type: On-Site Operator
Company Name: CITY OF RENSSELAER D.P.W.
Contact Type: Not reported
Contact Name: KEVIN BILLETTS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (518) 462-5512
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: DRLIGHTS
Date Last Modified: 9/24/2010

Site Id: 37423
Affiliation Type: Emergency Contact
Company Name: CITY OF RENSSELAER
Contact Type: Not reported
Contact Name: KEVIN BILLETS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (518) 462-5512
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: DRLIGHTS
Date Last Modified: 9/24/2010

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
A00 - Tank Internal Protection - None
G10 - Tank Secondary Containment - Impervious Underlayment
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
G06 - Tank Secondary Containment - Remote Impounding Area
A00 - Tank Internal Protection - None
D10 - Pipe Type - Copper
G01 - Tank Secondary Containment - Diking (Aboveground)

CITY OF RENSSELAER D.P.W. (Continued) **U004062314**

G10 - Tank Secondary Containment - Impervious Underlayment
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
E01 - Piping Secondary Containment - Diking (Aboveground)
I02 - Overfill - High Level Alarm
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
I03 - Overfill - Automatic Shut-Off
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
I00 - Overfill - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I00 - Overfill - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
G10 - Tank Secondary Containment - Impervious Underlayment
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
E01 - Piping Secondary Containment - Diking (Aboveground)
F99 - Pipe External Protection - Other
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
I01 - Overfill - Float Vent Valve
C01 - Pipe Location - Aboveground
G04 - Tank Secondary Containment - Double-Walled (Underground)
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
K01 - Spill Prevention - Catch Basin
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
B02 - Tank External Protection - Original Sacrificial Anode
D08 - Pipe Type - Equivalent Technology

CITY OF RENSSELAER D.P.W. (Continued) **U004062314**

Tank Info:

Site ID:	37423
Tank Number:	1
Tank ID:	93868
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	07/01/1987
Capacity Gallons:	2000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	07/15/2003
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	RJSCHOWE
Last Modified:	08/29/2006

AST:

Region:	STATE
DEC Region:	4
Site Status:	Active
Facility Id:	4-600088
Program Type:	PBS
UTM X:	603409.59600999998
UTM Y:	4722051.1481100004
Expiration Date:	2012/05/27

Affiliation Records:

Site Id:	37423
Affiliation Type:	Owner
Company Name:	CITY OF RENSSELAER
Contact Type:	DPW COMMISSIONER
Contact Name:	THOMAS CAPUANO
Address1:	62 WASHINGTON STREET
Address2:	Not reported
City:	RENSSELAER
State:	NY
Zip Code:	12144
Country Code:	001
Phone:	(518) 462-9511
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DRLIGHTS
Date Last Modified:	9/24/2010
Site Id:	37423
Affiliation Type:	Mail Contact
Company Name:	CITY OF RENSSELAER
Contact Type:	Not reported
Contact Name:	THOMAS CAPUANO - DPW COMMISSIONER
Address1:	62 WASHINGTON STREET
Address2:	Not reported
City:	RENSSELAER

CITY OF RENSSELAER D.P.W. (Continued) **U004062314**

State:	NY
Zip Code:	12144
Country Code:	001
Phone:	(518) 462-9511
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DRLIGHTS
Date Last Modified:	9/24/2010

Site Id:	37423
Affiliation Type:	On-Site Operator
Company Name:	CITY OF RENSSELAER D.P.W.
Contact Type:	Not reported
Contact Name:	KEVIN BILLETTS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(518) 462-5512
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DRLIGHTS
Date Last Modified:	9/24/2010

Site Id:	37423
Affiliation Type:	Emergency Contact
Company Name:	CITY OF RENSSELAER
Contact Type:	Not reported
Contact Name:	KEVIN BILLETS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(518) 462-5512
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DRLIGHTS
Date Last Modified:	9/24/2010

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
A00 - Tank Internal Protection - None
G10 - Tank Secondary Containment - Impervious Underlayment
J02 - Dispenser - Suction

CITY OF RENSSELAER D.P.W. (Continued) **U004062314**

L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
G06 - Tank Secondary Containment - Remote Impounding Area
A00 - Tank Internal Protection - None
D10 - Pipe Type - Copper
G01 - Tank Secondary Containment - Diking (Aboveground)
G10 - Tank Secondary Containment - Impervious Underlayment
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
E01 - Piping Secondary Containment - Diking (Aboveground)
I02 - Overfill - High Level Alarm
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
I03 - Overfill - Automatic Shut-Off
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
I00 - Overfill - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I00 - Overfill - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
G10 - Tank Secondary Containment - Impervious Underlayment
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
E01 - Piping Secondary Containment - Diking (Aboveground)
F99 - Pipe External Protection - Other
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
I01 - Overfill - Float Vent Valve
C01 - Pipe Location - Aboveground
G04 - Tank Secondary Containment - Double-Walled (Underground)
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin

CITY OF RENSSELAER D.P.W. (Continued) **U004062314**

K01 - Spill Prevention - Catch Basin
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
B02 - Tank External Protection - Original Sacrificial Anode
D08 - Pipe Type - Equivalent Technology

Tank Info:

Tank Number:	001
Tank Id:	236059
Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	09/14/2010
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DRLIGHTS
Last Modified:	09/24/2010

Tank Number:	002
Tank Id:	236060
Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	09/14/2010
Capacity Gallons:	750
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DRLIGHTS
Last Modified:	09/24/2010

Tank Number:	003
Tank Id:	236061
Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	09/14/2010
Capacity Gallons:	200
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True

CITY OF RENSSELAER D.P.W. (Continued) **U004062314**

Modified By:	DRLIGHTS
Last Modified:	09/24/2010

Tank Number:	2
Tank Id:	93869
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/15/2003
Register:	True
Modified By:	RJSCHOWE
Last Modified:	08/29/2006

Tank Number:	3
Tank Id:	93870
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	300
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/15/2003
Register:	True
Modified By:	RJSCHOWE
Last Modified:	08/29/2006

F23 **RENSSELAER SERVICE** **RCRA-NonGen** **1000554286**
South **625 EAST ST** **FINDS** **NYD986967479**
1/8-1/4 **RENSSELAER, NY 12144**
0.205 mi.
1082 ft. **Site 1 of 2 in cluster F**

Relative:
Lower

Actual:
26 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	RENSSELAER SERVICE
Facility address:	625 EAST ST RENSSELAER, NY 121442211
EPA ID:	NYD986967479
Mailing address:	DUANESBURG RD SCHENECTADY, NY 12301
Contact:	Not reported
Contact address:	DUANESBURG RD SCHENECTADY, NY 12301
Contact country:	US
Contact telephone:	Not reported

RENSSELAER SERVICE (Continued) **1000554286**

Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: GOLUB CORP
Owner/operator address: 501 DUANESBURG RD
SCHENECTADY, NY 12301
Owner/operator country: US
Owner/operator telephone: (518) 356-9463
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: GOLUB CORP
Owner/operator address: 501 DUANESBURG RD
SCHENECTADY, NY 12301
Owner/operator country: US
Owner/operator telephone: (518) 356-9463
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: RENSSELAER SERVICE
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: RENSSELAER SERVICE
Classification: Not a generator, verified

Date form received by agency: 07/15/1991
Facility name: RENSSELAER SERVICE
Classification: Small Quantity Generator

RENSSELAER SERVICE (Continued) **1000554286**

Violation Status: No violations found

FINDS:

Registry ID: 110004474747

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

F24 **PRICE CHOPPER GAS #67** **UST** **U001844822**
South **625 EAST ST** **HIST UST** **N/A**
1/8-1/4 **RENSSELAER, NY 12144**
0.205 mi.
1082 ft. **Site 2 of 2 in cluster F**

Relative:
Lower

Actual:
26 ft.

UST:
Facility Id: 4-016977
Region: STATE
DEC Region: 4
Site Status: Unregulated
Program Type: PBS
Expiration Date: N/A
UTM X: 603337.85433
UTM Y: 4721934.0354500003

Affiliation Records:
Site Id: 34917
Affiliation Type: Owner
Company Name: GOLUB SERVICE STATION INC
Contact Type: Not reported
Contact Name: Not reported
Address1: 501 DUANESBURG RD
Address2: Not reported
City: SCHENECTADY
State: NY
Zip Code: 12306
Country Code: 001
Phone: (518) 356-9463
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 34917
Affiliation Type: Mail Contact
Company Name: GOLUB SERVICE STATION INC
Contact Type: Not reported
Contact Name: Not reported
Address1: 501 DUANESBURG RD
Address2: Not reported
City: SCHENECTADY
State: NY

PRICE CHOPPER GAS #67 (Continued) **U001844822**

Zip Code:	12306
Country Code:	001
Phone:	(518) 356-9463
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	34917
Affiliation Type:	On-Site Operator
Company Name:	PRICE CHOPPER GAS #67
Contact Type:	Not reported
Contact Name:	GOLUB SERVICE STATION INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(518) 463-0761
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	34917
Affiliation Type:	Emergency Contact
Company Name:	GOLUB SERVICE STATION INC
Contact Type:	Not reported
Contact Name:	JOSEPH CLARK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(518) 583-1954
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Equipment Records:

J02 - Dispenser - Suction
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel

PRICE CHOPPER GAS #67 (Continued) **U001844822**

J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
H00 - Tank Leak Detection - None
H00 - Tank Leak Detection - None
H00 - Tank Leak Detection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
G00 - Tank Secondary Containment - None
G00 - Tank Secondary Containment - None
G00 - Tank Secondary Containment - None
G00 - Tank Secondary Containment - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
B00 - Tank External Protection - None
B00 - Tank External Protection - None
B00 - Tank External Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
B00 - Tank External Protection - None
B00 - Tank External Protection - None
I00 - Overfill - None
B02 - Tank External Protection - Original Sacrificial Anode
I00 - Overfill - None
I00 - Overfill - None
I00 - Overfill - None
I00 - Overfill - None
B02 - Tank External Protection - Original Sacrificial Anode
I00 - Overfill - None
I00 - Overfill - None
F02 - Pipe External Protection - Original Sacrificial Anode
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
F02 - Pipe External Protection - Original Sacrificial Anode
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping

Tank Info:
Site ID: 34917

PRICE CHOPPER GAS #67 (Continued) **U001844822**

Tank Number:	103
Tank ID:	84647
Tank Status:	Closed Prior to Micro Conversion, 03/91
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/01/1969
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	34917
Tank Number:	104
Tank ID:	84648
Tank Status:	Closed Prior to Micro Conversion, 03/91
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/01/1969
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	34917
Tank Number:	105
Tank ID:	84649
Tank Status:	Closed Prior to Micro Conversion, 03/91
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/01/1969
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	34917

PRICE CHOPPER GAS #67 (Continued) **U001844822**

Tank Number:	106
Tank ID:	84650
Tank Status:	Closed Prior to Micro Conversion, 03/91
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/01/1969
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	34917
Tank Number:	107
Tank ID:	84651
Tank Status:	Closed Prior to Micro Conversion, 03/91
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/01/1969
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	34917
Tank Number:	180
Tank ID:	84652
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	11/01/1987
Capacity Gallons:	6000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	12/01/1998
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	34917

PRICE CHOPPER GAS #67 (Continued) **U001844822**

Tank Number:	181
Tank ID:	84653
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	11/01/1987
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	12/01/1998
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST UST:

PBS Number:	4-016977
SPDES Number:	Not reported
Emergency Contact:	JOSEPH CLARK
Emergency Telephone:	(518) 583-1954
Operator:	GOLUB SERVICE STATION INC
Operator Telephone:	(518) 463-0761
Owner Name:	GOLUB SERVICE STATION INC
Owner Address:	501 DUANESBURG RD
Owner City,St,Zip:	SCHENECTADY, NY 12306
Owner Telephone:	(518) 356-9463
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	GOLUB SERVICE STATION INC
Mailing Address:	501 DUANESBURG RD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SCHENECTADY, NY 12306
Mailing Contact:	Not reported
Mailing Telephone:	(518) 356-9463
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	Not reported
SWIS ID:	3814
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	09/03/1996
Expiration Date:	09/02/2001
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0

PRICE CHOPPER GAS #67 (Continued) **U001844822**

Dead Letter:	False
CBS Number:	Not reported
Town or City:	RENSSELAER (C)
County Code:	38
Town or City:	14
Region:	4

Tank Id:	103
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991
Install Date:	19691201
Capacity (gals):	4000
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	104
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991
Install Date:	19691201
Capacity (gals):	4000
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False

PRICE CHOPPER GAS #67 (Continued) **U001844822**

Updated:	False
Lat/long:	Not reported

Tank Id:	105
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991
Install Date:	19691201
Capacity (gals):	4000
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	106
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991
Install Date:	19691201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

PRICE CHOPPER GAS #67 (Continued) **U001844822**

Tank Id:	107
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991
Install Date:	19691201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	180
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19871101
Capacity (gals):	6000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	12
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	Sacrificial Anode
Second Containment:	Vault (w/access)
Leak Detection:	10
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	12/01/1998
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	181
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed

PRICE CHOPPER GAS #67 (Continued) **U001844822**

Install Date:	19871101
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	12
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	Sacrificial Anode
Second Containment:	Vault (w/access)
Leak Detection:	10
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	12/01/1998
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

G25 **RENSSELAER CITY SCHOOL DIST** **RCRA-CESQG** **1000386174**
SW **555 BROADWAY** **FINDS** **NYD056082183**
1/8-1/4 **RENSSELAER, NY 12144** **MANIFEST**
0.242 mi.
1279 ft. **Site 1 of 4 in cluster G**

Relative:
Lower

Actual:
16 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	RENSSELAER CITY SCHOOL DIST
Facility address:	555 BROADWAY RENSSELAER, NY 121442608
EPA ID:	NYD056082183
Mailing address:	BROADWAY RENSSELAER, NY 12144
Contact:	Not reported
Contact address:	BROADWAY RENSSELAER, NY 12144
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

RENSSELAER CITY SCHOOL DIST (Continued) **1000386174**

hazardous waste

Owner/Operator Summary:
Owner/operator name: BOARD OF EDUCATION
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: District
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BOARD OF EDUCATION
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: District
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: RENSSELAER CITY SCHOOL DIST
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1999
Facility name: RENSSELAER CITY SCHOOL DIST
Classification: Not a generator, verified

Date form received by agency: 03/31/1994
Facility name: RENSSELAER CITY SCHOOL DIST
Site name: RENSSELAER HIGH SCHOOL
Classification: Large Quantity Generator

Date form received by agency: 01/16/1990
Facility name: RENSSELAER CITY SCHOOL DIST

RENSSELAER CITY SCHOOL DIST (Continued) **1000386174**

Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004360370

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID:	NYD056082183
Country:	USA
Mailing Name:	RENSSELAER PUBLIC SCHOOLS
Mailing Contact:	RENSSELAER PUBLIC SCHOOLS
Mailing Address:	555 BROADWAY
Mailing Address 2:	Not reported
Mailing City:	RENSSELAER
Mailing State:	NY
Mailing Zip:	12144
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	518-465-6871

Document ID:	NYH2717046
Manifest Status:	Not reported
Trans1 State ID:	NY27278JH
Trans2 State ID:	AK39287NY
Generator Ship Date:	04/14/2004
Trans1 Recv Date:	04/14/2004
Trans2 Recv Date:	04/22/2004
TSD Site Recv Date:	04/28/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD056082183
Trans1 EPA ID:	MAD039322250
Trans2 EPA ID:	Not reported
TSDF ID:	NCD000648
Waste Code:	U154 - METHANOL
Quantity:	00015
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001

RENSSELAER CITY SCHOOL DIST (Continued) **1000386174**

Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00005
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: U144 - LEAD ACETATE
Quantity: 00001
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2004

Document ID: MAF5880330
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: MA655842
Trans2 State ID: J44060ME
Generator Ship Date: 930414
Trans1 Recv Date: 930414
Trans2 Recv Date: 930419
TSD Site Recv Date: 930420
Part A Recv Date: 930421
Part B Recv Date: 930518
Generator EPA ID: NYD056082183
Trans1 EPA ID: MAD039322250
Trans2 EPA ID: MAD039322250
TSDF ID: MAD980523203
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00020
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00001
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00001
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 93

RENSSELAER CITY SCHOOL DIST (Continued) **1000386174**

Document ID:	MAF5880350
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	MA655842
Trans2 State ID:	J44060ME
Generator Ship Date:	930414
Trans1 Recv Date:	930414
Trans2 Recv Date:	930419
TSD Site Recv Date:	930420
Part A Recv Date:	930421
Part B Recv Date:	930517
Generator EPA ID:	NYD056082183
Trans1 EPA ID:	MAD039322250
Trans2 EPA ID:	MAD039322250
TSDF ID:	MAD980523203
Waste Code:	P010 - ARSENIC ACID
Quantity:	00002
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00012
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00035
Units:	P - Pounds
Number of Containers:	004
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00011
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	93

Document ID:	MAF5880340
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	MA655842
Trans2 State ID:	J44060ME
Generator Ship Date:	930414
Trans1 Recv Date:	930414
Trans2 Recv Date:	930419
TSD Site Recv Date:	930420
Part A Recv Date:	930421
Part B Recv Date:	930518
Generator EPA ID:	NYD056082183
Trans1 EPA ID:	MAD039322250

RENSSELAER CITY SCHOOL DIST (Continued) **1000386174**

Trans2 EPA ID:	MAD039322250
TSDF ID:	MAD980523203
Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00001
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00001
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	93

Document ID:	ILA8449220
Manifest Status:	Not reported
Trans1 State ID:	MAD039322250
Trans2 State ID:	MAD039322250
Generator Ship Date:	08/29/2000
Trans1 Recv Date:	08/29/2000
Trans2 Recv Date:	09/01/2000
TSD Site Recv Date:	09/20/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD056082183
Trans1 EPA ID:	ILD000608471
Trans2 EPA ID:	Not reported
TSDF ID:	UPW010874
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00010
Units:	P - Pounds
Number of Containers:	005
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00001
Units:	P - Pounds

RENSSELAER CITY SCHOOL DIST (Continued) **1000386174**

Number of Containers: 001
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2000

Document ID: MAM6916920
Manifest Status: Not reported
Trans1 State ID: MAD039322250
Trans2 State ID: OHD009865825
Generator Ship Date: 08/29/2000
Trans1 Recv Date: 08/29/2000
Trans2 Recv Date: 09/09/2000
TSD Site Recv Date: 09/09/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD056082183
Trans1 EPA ID: MAD053452637
Trans2 EPA ID: Not reported
TSDF ID: Not reported
Waste Code: D005 - BARIUM 100.0 MG/L TCLP
Quantity: 00050
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: U144 - LEAD ACETATE
Quantity: 00025
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00025
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2000

Document ID: MAM6916930
Manifest Status: Not reported
Trans1 State ID: MAD039322250
Trans2 State ID: OHD009865825
Generator Ship Date: 08/29/2000

RENSSELAER CITY SCHOOL DIST (Continued) **1000386174**

Trans1 Recv Date:	08/29/2000
Trans2 Recv Date:	09/09/2000
TSD Site Recv Date:	09/09/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD056082183
Trans1 EPA ID:	MAD053452637
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00003
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00004
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	U077 - ETHYLENE DICHLORIDE
Quantity:	00100
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00075
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2000

H26 **MICHELI CONTRACTING CORP.** **AST** **A100295049**
SSE **95 LAWRENCE ST** **N/A**
1/8-1/4 **RENSSELAER, NY 12144**
0.248 mi.
1310 ft. **Site 1 of 2 in cluster H**

Relative:
Lower

Actual:
28 ft.

AST:

Region:	STATE
DEC Region:	4
Site Status:	Active
Facility Id:	4-600954
Program Type:	PBS
UTM X:	603480.90654999996
UTM Y:	4721969.37873
Expiration Date:	2014/05/26

Affiliation Records:

Site Id:	55638
Affiliation Type:	Owner

MICHELI CONTRACTING CORP. (Continued) **A100295049**

Company Name:	MICHELI CONTRACTING CORP.
Contact Type:	SECRETARY
Contact Name:	MARIE M. PALMER
Address1:	95 LAWRENCE ST.
Address2:	Not reported
City:	RENSSELAER
State:	NY
Zip Code:	12144
Country Code:	001
Phone:	(518) 434-2988
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	5/26/2004

Site Id:	55638
Affiliation Type:	Mail Contact
Company Name:	MICHELI CONTRACTING CORP.
Contact Type:	SECRETARY
Contact Name:	MARIE M. PALMER
Address1:	95 LAWRENCE ST.
Address2:	Not reported
City:	RENSSELAER
State:	NY
Zip Code:	12144
Country Code:	001
Phone:	(518) 434-2988
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	5/26/2004

Site Id:	55638
Affiliation Type:	On-Site Operator
Company Name:	MICHELI CONTRACTING CORP.
Contact Type:	Not reported
Contact Name:	MARIE M. PALMER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(518) 434-2988
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	rjschowe
Date Last Modified:	5/27/2004

Site Id:	55638
Affiliation Type:	Emergency Contact
Company Name:	MICHELI CONTRACTING CORP.
Contact Type:	Not reported
Contact Name:	MARIE M. PALMER

MICHELI CONTRACTING CORP. (Continued) **A100295049**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(518) 434-2988
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	rjschowe
Date Last Modified:	5/27/2004

Equipment Records:

L00 - Piping Leak Detection - None
L00 - Piping Leak Detection - None
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
K00 - Spill Prevention - None
K00 - Spill Prevention - None
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping

Tank Info:

Tank Number:	1
Tank Id:	178924
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron

MICHELI CONTRACTING CORP. (Continued) **A100295049**

Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	01/01/1998
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	rjschowe
Last Modified:	03/12/2009

Tank Number:	2
Tank Id:	178925
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	01/01/1998
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	rjschowe
Last Modified:	03/12/2009

Tank Number:	3
Tank Id:	178926
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	01/01/1998
Capacity Gallons:	500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	rjschowe
Last Modified:	03/12/2009

H27 **MICHELI CONTRACTING** **LTANKS** **S102675829**
SSE **95 LAWRENCE ST** **HIST LTANKS** **N/A**
1/8-1/4 **RENSSELAER, NY**
0.248 mi.
1310 ft. **Site 2 of 2 in cluster H**

Relative:
Lower

Actual:
28 ft.

LTANKS:

Site ID:	207393
Spill No:	9209408
Spill Date:	11/10/1992
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. (Minimal Occurrence)
Spill Closed Dt:	11/30/1992
Facility Addr2:	Not reported
Cleanup Ceased:	11/12/1992
Cleanup Meets Standard:	True
SWIS:	4214
Investigator:	WEBLAIN
Referred To:	Not reported
Reported to Dept:	11/12/1992
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	11/30/1992
Spill Record Last Update:	8/5/1999
Spiller Name:	Not reported
Spiller Company:	MICHELI CONTRACTING
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	4
DER Facility ID:	172133
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BLAIN" 9905184
Remarks:	2 275 AGTS OVERFILLED, OIL ON LEAVES UNDER TANKS, UNK-ORIGIN FIRE STARTED 11/12, FD PUT OUT, SAW WATER & ELECTRIC PROBLEMS @ SITE. BLAIN TELECON W/PD INDICATED MINOR OVERFILL, NOT A SPILL PROBLEM.

Material:

Site ID:	207393
Operable Unit ID:	975998
Operable Unit:	01
Material ID:	406459
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No

MICHELI CONTRACTING (Continued) **S102675829**

Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 4
Spill Number: 9209408
Spill Date: 11/10/1992
Spill Time: 12:00
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. (Minimal Occurrence)
Spill Closed Dt: 11/30/92
Cleanup Ceased: 11/12/92
Cleanup Meets Standard: True
Investigator: BLAIN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 11/12/92
Reported to Department Time: 14:15
SWIS: 38
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: MICHELI CONTRACTING
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (518) 434-2988
Facility Extention: Not reported
Spill Notifier: Affected Persons
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended

MICHELI CONTRACTING (Continued) **S102675829**

Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 11/30/92
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 08/05/99
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: 9905184
Spill Cause: 2 275 AGTS OVERFILLED, OIL ON LEAVES UNDER TANKS, UNK-ORIGIN FIRE STARTED 11/12, FD PUT OUT, SAW WATER ELECTRIC PROBLEMS @ SITE. BLAIN TELECON W/PD INDICATED MINOR OVERFILL, NOT A SPILL PROBLEM.

G28 **MARTINOS CIBRO BROADWAY** **HIST LTANKS** **S100492246**
SW **551 BROADWAY** **N/A**
1/8-1/4 **RENSSELAER, NY**
0.248 mi.
1310 ft. **Site 2 of 4 in cluster G**

Relative:
Lower

Actual:
14 ft.

HIST LTANKS:
Region of Spill: 4
Spill Number: 9211153
Spill Date: 12/28/1992
Spill Time: 13:30
Spill Cause: Tank Test Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/03/93
Cleanup Ceased: 11/03/93
Cleanup Meets Standard: True
Investigator: BLAIN
Caller Name: Not reported
Caller Agency: Not reported

MARTINOS CIBRO BROADWAY (Continued) **S100492246**

Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 12/28/92
Reported to Department Time: 13:40
SWIS: 38
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: MARTINO'S CIBRO
Spiller Address: SAME
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (518) 463-6877
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 12/28/92
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 04/26/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: 2K 4K UGTS FAILED PETROTITE @ GROSS RATE. TANKS OUT, VERY MINOR CONT ., NOT A PROBLEM.

G29 **MARTINO'S SERVICE** **LTANKS** **U001845445**
SW **551 BROADWAY** **UST** **N/A**
1/8-1/4 **RENSSELAER, NY 12144** **HIST UST**
0.248 mi.
1310 ft. **Site 3 of 4 in cluster G**

Relative:
Lower

Actual:
14 ft.

LTANKS:

Site ID:	190984
Spill No:	9211153
Spill Date:	12/28/1992
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/3/1993
Facility Addr2:	Not reported
Cleanup Ceased:	11/3/1993
Cleanup Meets Standard:	True
SWIS:	4214
Investigator:	WEBLAIN
Referred To:	Not reported
Reported to Dept:	12/28/1992
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	12/28/1992
Spill Record Last Update:	4/26/2000
Spiller Name:	Not reported
Spiller Company:	MARTINO'S CIBRO
Spiller Address:	SAME
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	4
DER Facility ID:	159298
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BLAIN"
Remarks:	2K & 4K UGTS FAILED PETROTITE @ GROSS RATE. TANKS OUT, VERY MINOR CONT ., NOT A PROBLEM.

Material:

Site ID:	190984
Operable Unit ID:	978098
Operable Unit:	01
Material ID:	404574
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported

MARTINO'S SERVICE (Continued) **U001845445**

Oxygenate: False

Tank Test:
Site ID: 190984
Spill Tank Test: 1540999
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

UST:
Facility Id: 4-261726
Region: STATE
DEC Region: 4
Site Status: Unregulated
Program Type: PBS
Expiration Date: N/A
UTM X: 603067.89141000004
UTM Y: 4721942.1491400003

Affiliation Records:
Site Id: 36374
Affiliation Type: Owner
Company Name: ALBERT J MARTINO
Contact Type: Not reported
Contact Name: Not reported
Address1: 551 BROADWAY
Address2: Not reported
City: RENSSELAER
State: NY
Zip Code: 12144
Country Code: 001
Phone: (518) 463-6877
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 36374
Affiliation Type: Mail Contact
Company Name: ALBERT J MARTINO
Contact Type: Not reported
Contact Name: Not reported
Address1: 551 BROADWAY
Address2: Not reported
City: RENSSELAER
State: NY
Zip Code: 12144
Country Code: 001
Phone: (518) 463-6877
Phone Ext: Not reported

MARTINO'S SERVICE (Continued) **U001845445**

Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	36374
Affiliation Type:	On-Site Operator
Company Name:	MARTINOS SERVICE
Contact Type:	Not reported
Contact Name:	ALBERT J MARTINO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(518) 463-6877
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	36374
Affiliation Type:	Emergency Contact
Company Name:	ALBERT J MARTINO
Contact Type:	Not reported
Contact Name:	ALBERT J MARTINO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(518) 477-9495
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
I00 - Overfill - None
C00 - Pipe Location - No Piping

MARTINO'S SERVICE (Continued) **U001845445**

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Info:

Site ID:	36374
Tank Number:	1
Tank ID:	89340
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/01/1960
Capacity Gallons:	2000
Tightness Test Method:	01
Next Test Date:	Not reported
Date Tank Closed:	07/01/1993
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	12/01/1992
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	36374
Tank Number:	2
Tank ID:	89341
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/01/1960
Capacity Gallons:	2000
Tightness Test Method:	01
Next Test Date:	Not reported
Date Tank Closed:	07/01/1993
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	10/01/1987
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	36374
Tank Number:	3
Tank ID:	89342
Tank Status:	Closed - Removed
Tank Model:	Not reported

MARTINO'S SERVICE (Continued) **U001845445**

Pipe Model:	Not reported
Install Date:	12/01/1960
Capacity Gallons:	4000
Tightness Test Method:	01
Next Test Date:	Not reported
Date Tank Closed:	07/01/1993
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	10/01/1987
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST UST:

PBS Number:	4-261726
SPDES Number:	Not reported
Emergency Contact:	ALBERT J MARTINO
Emergency Telephone:	(518) 477-9495
Operator:	ALBERT J MARTINO
Operator Telephone:	(518) 463-6877
Owner Name:	ALBERT J MARTINO
Owner Address:	551 BROADWAY
Owner City,St,Zip:	RENSSELAER, NY 12144
Owner Telephone:	(518) 463-6877
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	ALBERT J MARTINO
Mailing Address:	551 BROADWAY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RENSSELAER, NY 12144
Mailing Contact:	Not reported
Mailing Telephone:	(518) 463-6877
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	Not reported
SWIS ID:	3814
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	01/29/1993
Expiration Date:	08/17/1997
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	RENSSELAER (C)
County Code:	38

MARTINO'S SERVICE (Continued) **U001845445**

Town or City: 14
Region: 4

Tank Id: 1
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19601201
Capacity (gals): 2000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 12/01/1992
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 07/01/1993
Test Method: Petro-Tite
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 2
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19601201
Capacity (gals): 2000
Product Stored: LEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 10/01/1987
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 07/01/1993
Test Method: Petro-Tite
Deleted: False
Updated: True
Lat/long: Not reported

MARTINO'S SERVICE (Continued) **U001845445**

Tank Id:	3
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19601201
Capacity (gals):	4000
Product Stored:	LEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	10/01/1987
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	07/01/1993
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

G30 **MARTINO A J** **RCRA-NonGen** **1000553667**
SW **551 BROADWAY** **FINDS** **NYD986960946**
1/8-1/4 **RENSSELAER, NY 12144**
0.248 mi.
1310 ft. **Site 4 of 4 in cluster G**

Relative:
Lower

Actual:
14 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	MARTINO A J
Facility address:	551 BROADWAY RENSSELAER, NY 121442608
EPA ID:	NYD986960946
Mailing address:	BROADWAY RENSSELAER, NY 12144
Contact:	Not reported
Contact address:	BROADWAY RENSSELAER, NY 12144
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	AL MARTINO
Owner/operator address:	551 BROADWAY RENSSELAER, NY 12144
Owner/operator country:	US
Owner/operator telephone:	(518) 465-6877
Legal status:	Private

MARTINO A J (Continued) **1000553667**

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: AL MARTINO
Owner/operator address: 551 BROADWAY
RENSSELAER, NY 12144
Owner/operator country: US
Owner/operator telephone: (518) 465-6877
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: MARTINO A J
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: MARTINO A J
Classification: Not a generator, verified

Date form received by agency: 06/21/1991
Facility name: MARTINO A J
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004471330

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

31
ENE
1/4-1/2
0.270 mi.
1427 ft.

YAZDI PROPERTY GLEN ST
54 GLEN ST
RENSSELAER, NY

LTANKS **S106718753**
N/A

Relative:
Higher

Actual:
141 ft.

LTANKS:

Site ID:	278991
Spill No:	0109791
Spill Date:	1/2/2002
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	10/17/2002
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	4214
Investigator:	WEBLAIN
Referred To:	Not reported
Reported to Dept:	1/9/2002
CID:	282
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	1/10/2002
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/9/2002
Spill Record Last Update:	3/5/2003
Spiller Name:	SAME ***
Spiller Company:	RIZA YAZDI-LANDLORD
Spiller Address:	PO BOX 278
Spiller City,St,Zip:	GUILDERLAND, NY 12085-
Spiller County:	001
Spiller Contact:	ROBERT CROSS-TENANT
Spiller Phone:	(518) 434-6873
Spiller Extention:	Not reported
DEC Region:	4
DER Facility ID:	226531
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BLAIN" 1/10/2002 Blain onsite met w tenant. No noticeable odors in cellar. Oiled area was directly under furnace- a large old converted coal furnace. NYSHD notified. 1/02 Registered RP letter sent to Yazdi. Detailed the implications of same verbally to Yazdi in a subsequent phone conversation. closed no folder
Remarks:	TENNANT [SP] CALLED AND STATED THE TANK HAD FAILED (275 GALLON TANK) 20 TO 30 GALLONS MAY HAVE LEAKED OUT.LANDLORD DID NOTHING ABOUT THE TENNANT STATES.TENNANT HAS THE INCIDENT ON CAMCODER TAPE. CALL TENNANT AT HOME.

Material:

Site ID:	278991
Operable Unit ID:	846955
Operable Unit:	01
Material ID:	527439
Material Code:	0001
Material Name:	#2 Fuel Oil

YAZDI PROPERTY GLEN ST (Continued) **S106718753**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	278991
Spill Tank Test:	1526802
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

I32 **CITY OF RENSSELAER** **LTANKS** **U003697830**
SW **505 BROADWAY** **UST** **N/A**
1/4-1/2 **RENSSELAER, NY 12144** **HIST UST**
0.321 mi. **NY Spills**
1694 ft. **Site 1 of 2 in cluster I**

Relative:
Lower

Actual:
17 ft.

LTANKS:

Site ID:	323181
Spill No:	8702358
Spill Date:	6/23/1987
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	8/18/1987
Facility Addr2:	Not reported
Cleanup Ceased:	8/18/1987
Cleanup Meets Standard:	True
SWIS:	4214
Investigator:	MCDONALD
Referred To:	Not reported
Reported to Dept:	6/23/1987
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	6/24/1987
Spill Record Last Update:	7/14/2009
Spiller Name:	Not reported
Spiller Company:	CITY OF RENSSELAER
Spiller Address:	505 BROADWAY
Spiller City,St,Zip:	RENSSELAER, NY
Spiller County:	001

CITY OF RENSSELAER (Continued) **U003697830**

Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 4
DER Facility ID: 260339
DEC Memo: 7/13/09 - FOIL 09/227
Remarks: 3K TANK SYSTEM FAILED (-.168 GPH) TO REMOVE PRODUCT 6/23 INSTALL NEW DOUBLE WALL TANK.

Material:
Site ID: 323181
Operable Unit ID: 906652
Operable Unit: 01
Material ID: 468653
Material Code: 0001
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 323181
Spill Tank Test: 1530996
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

UST:
Facility Id: 4-600664
Region: STATE
DEC Region: 4
Site Status: Active
Program Type: PBS
Expiration Date: 2014/07/09
UTM X: 603032.03474999999
UTM Y: 4721896.9919400001

Affiliation Records:
Site Id: 37997
Affiliation Type: Owner
Company Name: CITY OF RENSSELAER
Contact Type: COMMISSIONER OF PUBLIC WORKS
Contact Name: THOMAS CAPUANO
Address1: 505 BROADWAY
Address2: Not reported
City: RENSSELAER

CITY OF RENSSELAER (Continued) **U003697830**

State:	NY
Zip Code:	12144
Country Code:	001
Phone:	(518) 462-9616
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	RJSCHOWE
Date Last Modified:	8/29/2006

Site Id:	37997
Affiliation Type:	Mail Contact
Company Name:	CITY OF RENSSELAER
Contact Type:	Not reported
Contact Name:	THOMAS CAPUANO
Address1:	62 WASHINGTON STREET
Address2:	Not reported
City:	RENSSELAER
State:	NY
Zip Code:	12144
Country Code:	001
Phone:	(518) 462-9616
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	rjschowe
Date Last Modified:	9/21/2009

Site Id:	37997
Affiliation Type:	On-Site Operator
Company Name:	CITY OF RENSSELAER
Contact Type:	Not reported
Contact Name:	CITY OF RENSSELAER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(518) 462-9616
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	RJSCHOWE
Date Last Modified:	10/12/2004

Site Id:	37997
Affiliation Type:	Emergency Contact
Company Name:	CITY OF RENSSELAER
Contact Type:	Not reported
Contact Name:	THOMAS CAPUANO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999

CITY OF RENSSELAER (Continued) **U003697830**

Phone:	(518) 462-5512
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	RJSCHOWE
Date Last Modified:	8/17/2006

Equipment Records:

J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
D10 - Pipe Type - Copper
A00 - Tank Internal Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
I05 - Overfill - Vent Whistle
F05 - Pipe External Protection - Jacketed
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
B02 - Tank External Protection - Original Sacrificial Anode
K01 - Spill Prevention - Catch Basin
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Info:

Site ID:	37997
Tank Number:	1
Tank ID:	97994
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	07/01/1987
Capacity Gallons:	2000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST UST:

PBS Number:	4-600664
SPDES Number:	Not reported
Emergency Contact:	PETE MANCINI
Emergency Telephone:	(518) 462-5512
Operator:	CITY OF RENSSELAER
Operator Telephone:	(518) 462-9616
Owner Name:	CITY OF RENSSELAER
Owner Address:	505 BROADWAY
Owner City,St,Zip:	RENSSELAER, NY 12144
Owner Telephone:	(518) 462-9616
Owner Type:	Local Government
Owner Subtype:	Not reported
Mailing Name:	CITY OF RENSSELAER
Mailing Address:	505 BROADWAY
Mailing Address 2:	Not reported

CITY OF RENSSELAER (Continued) **U003697830**

Mailing City,St,Zip:	RENSSELAER, NY 12144
Mailing Contact:	PETE MANCINI
Mailing Telephone:	(518) 462-9616
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	Not reported
SWIS ID:	3814
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	07/09/1999
Expiration Date:	07/09/2004
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	2000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	RENSSELAER (C)
County Code:	38
Town or City:	14
Region:	4

Tank Id:	1
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19870701
Capacity (gals):	2000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	12
Pipe Location:	Underground
Pipe Type:	FIBERGLASS COATED STEEL
Pipe Internal:	None
Pipe External:	Jacketed
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	Catch Basin, Vent Whistle
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

CITY OF RENSSELAER (Continued) **U003697830**

NY Spills:

Site ID:	323180
Facility Addr2:	Not reported
Facility ID:	0108399
Spill Number:	0108399
Facility Type:	ER
SWIS:	4214
Investigator:	WEBLAIN
Referred To:	Not reported
Spill Date:	11/19/2001
Reported to Dept:	11/19/2001
CID:	207
Spill Cause:	Unknown
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Police Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	11/19/2001
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/20/2001
Remediation Phase:	0
Date Entered In Computer:	11/19/2001
Spill Record Last Update:	7/14/2009
Spiller Name:	JOHN WHITTLE, MGR.
Spiller Company:	AGWAY ENERGY
Spiller Address:	253 MORRIS RD.
Spiller City,St,Zip:	SCHENECTADY, NY
Spiller Company:	001
Contact Name:	DON BUTLER, DPW
Contact Phone:	(518) 423-4009
DEC Region:	4
DER Facility ID:	260339
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BLAIN" MSF TELECON W/PD (DPW COMMISSIONER?), AGWAY FILLED WRONG FILL PIPE @ CITY HALL, SPILL DIRECTLY TO CELLAR, ~100gal, 80 gal. went to SUMP & TO SANITARY SEWER, CALL 423-4009 (DPW Commish CELL PHONE) PBS 4-600664 (see 8702358) DEC made notifications to NYSHD (Mike Hughes, 402-7810), and Rensco Sewer Dist. 3PM Blain onsite. Bldg. had been evacuated. Spill isolated to boiler room. FD onsite, installed a fan in basement window. 4:20 Precision Ind. onsite, went right to work. Cleanup anticipated to be short lived. 11/22/01 Blain checked with Commissioner Butler. Situation back to normal. NYSHD was onsite yesterday morning, evaluating building. edoc closed 7/13/09 - FOIL 09/227
Remarks:	req callback to contact asap

Material:

Site ID:	323180
Operable Unit ID:	846438
Operable Unit:	01
Material ID:	529646
Material Code:	0001
Material Name:	#2 Fuel Oil

CITY OF RENSSELAER (Continued) **U003697830**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	150
Units:	Gallons
Recovered:	10
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

I33 **CITY HALL BROADWAY** **HIST LTANKS** **S100134570**
SW **505 BROADWAY** **N/A**
1/4-1/2 **RENSSELAER, NY**
0.321 mi.
1694 ft. **Site 2 of 2 in cluster I**

Relative:
Lower

Actual:
17 ft.

HIST LTANKS:

Region of Spill:	4
Spill Number:	8702358
Spill Date:	06/23/1987
Spill Time:	08:15
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	08/18/87
Cleanup Ceased:	08/18/87
Cleanup Meets Standard:	True
Investigator:	MCDONALD
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	06/23/87
Reported to Department Time:	10:24
SWIS:	38
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	CITY OF RENSSELAER

CITY HALL BROADWAY (Continued) **S100134570**

Spiller Address: 505 BROADWAY
Spiller City,St,Zip: RENSSELAER, NY
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: 4-600664
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 06/24/87
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 11/20/01
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: SEE 0108399.
Spill Cause: 3K TANK SYSTEM FAILED -.168 GPH) TO REMOVE PRODUCT 6/23 INSTALL NEW DOUBLE WALL TANK.

J34 **AMTRAK EAST ST @ HERRICK** **LTANKS** **S105054023**
South **EAST ST & HERRICK** **HIST LTANKS** **N/A**
1/4-1/2 **RENSSELAER, NY**
0.332 mi.
1751 ft. **Site 1 of 2 in cluster J**

Relative:
Higher

Actual:
52 ft.

LTANKS:
Site ID: 192127
Spill No: 9010061
Spill Date: 12/15/1990
Spill Cause: Tank Test Failure
Spill Source: Major Facility > 400,000 gal
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

AMTRAK EAST ST @ HERRICK (Continued) **S105054023**

Spill Closed Dt:	4/9/1991
Facility Addr2:	AMTRAK
Cleanup Ceased:	4/8/1991
Cleanup Meets Standard:	True
SWIS:	4214
Investigator:	WEBLAIN
Referred To:	Not reported
Reported to Dept:	12/15/1990
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	12/17/1990
Spill Record Last Update:	3/4/2003
Spiller Name:	Not reported
Spiller Company:	AMTRAK MIKE HEFFNER
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	4
DER Facility ID:	160216
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BLAIN/O'BRIEN" 12/17/90: NOTE: CALLED AS 3 SPILLS, 9010062 & 9010063 RETURNED TO HOTLINE. 8603616, 8902792, 8908915, 8910698, 9010061, 9104514, 9109125, 9109127, 9111297, 9200559, 9201915, 9204101, 9209501, 9209773, 9214182, 9214392, 9304561, 9305742, 9310766, 9410036, 9500315, 9511471, 9512042, 9710677, 9805489.
Remarks:	3 10K UGTS FAILED PETROTITE #2 -.150, #3 -.307, #4 -.173, REDUCED HEAD PRESSURE TO SLOW LEAKS. TANKS & CONT. SOIL REMOVED.

Material:

Site ID:	192127
Operable Unit ID:	950542
Operable Unit:	01
Material ID:	430236
Material Code:	0064A
Material Name:	UNKNOWN MATERIAL
Case No.:	Not reported
Material FA:	Other
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	192127
Spill Tank Test:	1538052
Tank Number:	Not reported
Tank Size:	0

AMTRAK EAST ST @ HERRICK (Continued) **S105054023**

Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

HIST LTANKS:
Region of Spill: 4
Spill Number: 9010061
Spill Date: 12/15/1990
Spill Time: 14:00
Spill Cause: Tank Test Failure
Resource Affectd: Groundwater
Water Affected: Not reported
Spill Source: Major Facility 400,000 gallons
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 04/09/91
Cleanup Ceased: 04/08/91
Cleanup Meets Standard: True
Investigator: BLAIN/O'BRIEN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 12/15/90
Reported to Department Time: 21:44
SWIS: 38
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: AMTRAK MIKE HEFFNER
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (518) 462-5700
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: -
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 12/17/90
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 08/25/99
Is Updated: False

AMTRAK EAST ST @ HERRICK (Continued) **S105054023**

Tank:
- PBS Number: Not reported
- Tank Number: Not reported
- Tank Size: 0
- Test Method: Not reported
- Leak Rate Failed Tank: 0.00
- Gross Leak Rate: Not reported

Material:
- Material Class Type: Raw Sewage
- Quantity Spilled: 0
- Unkonwn Quantity Spilled: True
- Units: Gallons
- Quantity Recovered: 0
- Unkonwn Quantity Recovered: False
- Material: UNKNOWN MATERIAL
- Class Type: UNKNOWN MATERIAL
- Times Material Entry In File: 9140
- CAS Number: Not reported
- Last Date: 19941109
- DEC Remarks: 12/17/90: NOTE: CALLED AS 3 SPILLS, 9010062 9010063 RETURNED TO HOTLINE. 8603616, 8902792, 8908915, 8910698, 9010061, 9104514, 9109125, 9109127, 9111297, 9200559, 9201915, 9204101, 9209501, 9209773, 9214182, 9214392, 9304561, 9305742, 9310766, 9410036, 9500315, 9511471, 9512042, 9710677, 9805489.
- Spill Cause: 3 10K UGTS FAILED PETROTITE 2 -.150, 3 -.307, 4 -.173, REDUCED HEAD PRESSURE TO SLOW LEAKS. TANKS CONT. SOIL REMOVED.

J35 **AMTRAK RENSSELAER TRAIN STATION** **LTANKS** **S107410678**
South **525 EAST ST** **N/A**
1/4-1/2 **RENSSELAER, NY**
0.332 mi.
1755 ft. **Site 2 of 2 in cluster J**

Relative:
Higher

Actual:
51 ft.

LTANKS:
- Site ID: 353470
- Spill No: 0507964
- Spill Date: 10/3/2005
- Spill Cause: Tank Overfill
- Spill Source: Railroad Car
- Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
- Spill Closed Dt: 10/13/2005
- Facility Addr2: AMTRAK RENSSELAER TRAIN STATION
- Cleanup Ceased: Not reported
- Cleanup Meets Standard: False
- SWIS: 4214
- Investigator: WEBLAIN
- Referred To: Not reported
- Reported to Dept: 10/3/2005
- CID: 41
- Water Affected: Not reported
- Spill Notifier: Responsible Party
- Last Inspection: Not reported
- Recommended Penalty: Penalty Not Recommended
- UST Involvement: False
- Remediation Phase: 0
- Date Entered In Computer: 10/4/2005
- Spill Record Last Update: 12/13/2005

AMTRAK RENSSELAER TRAIN STATION (Continued) **S107410678**

Spiller Name:	Not reported
Spiller Company:	AMTRAK(CSX)
Spiller Address:	400 W 31ST ST
Spiller City,St,Zip:	NEW YORK, NY 10001
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	4
DER Facility ID:	300807
DEC Memo:	Followup with AMTRAK. Spill smaller than first reported. Unable to recover much since it went into the ballast. Area drains to an oil/water separator. closed. MOSF 4-3360; see 0503513, etc.
Remarks:	OVERFILL OF ENGINE FROM FUEL TRUCK

Material:

Site ID:	353470
Operable Unit ID:	1110929
Operable Unit:	01
Material ID:	2100970
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25
Units:	Gallons
Recovered:	2
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

36
SW
1/4-1/2
0.460 mi.
2428 ft.

Relative:
Lower

Actual:
12 ft.

TANK UNDER DUNN BRIDGE **HIST LTANKS** **S102556073**
BROADWAY @ 4TH ST **N/A**
RENSSELAER, NY

HIST LTANKS:

Region of Spill:	4
Spill Number:	9612392
Spill Date:	01/16/1997
Spill Time:	04:15
Spill Cause:	Tank Failure
Resource Affectd:	On Land
Water Affected:	Not reported

TANK UNDER DUNN BRIDGE (Continued) **S102556073**

Spill Source:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	01/28/98
Cleanup Ceased:	/ /
Cleanup Meets Standard:	True
Investigator:	BLAIN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	01/16/97
Reported to Department Time:	04:33
SWIS:	38
Spiller Contact:	MIKE CARR
Spiller Phone:	(518) 786-3200
Spiller Extention:	Not reported
Spiller Name:	DOT REGII
Spiller Address:	84 HOLLAND AVE.
Spiller City,St,Zip:	ALBANY, NY 12205-
Spiller Cleanup Date:	/ /
Facility Contact:	BONNY J. CAWLEY
Facility Phone:	(518) 457-6195
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	01/23/97
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	01/28/98
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	01/16/97
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	02/09/98
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	0
Unkonwn Quantity Spilled:	True
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	True

TANK UNDER DUNN BRIDGE (Continued) **S102556073**

Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: WHILE EXCAVATING THE REMNANTS OF THE GASOLINE SPILLED BY THE TANKER OVERTURN, TYREE DISCOVERED A 1K TANK THAT HAD BEEN ABANDONED WHEN THE BRIDGE WAS BUILT. IT WAS AMONG MANY OLD CELLARS AND DEBRIS. THE TANK WAS LOCATED OPPOSITE FOURTH STREET, ANDBROADWAY. BLAIN HIRED TYREE TO REMOVE, SINCE THEY WERE ALREADY MOBILIZED. PROPERTY BELONGS TO DOT, LETTER OF RESPONSIBILITY SENT TO REG. 1 DIRECTOR BONNY CAWLEY, 11/97. WB GAVE PIN TO TYREE JAN 28. 6/97 INITIAL BILL REJECTED AS EXCESSIVE. 11/97 REVISED BILL ACCEPTED AND FORWARDED FOR PAYMENT. 2262.37 1/98 ISR TO ALLAN
Spill Cause: UNRELEATED TO GETTY ACCIDENT JAN 14 1997 BILL BLADE ON SITE NOW

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37 **RENSSELAER SLF** **SWF/LF** **S107406916**
ENE **??** **N/A**
1/4-1/2 **RENSSELAER, NY 12144**
0.470 mi.
2484 ft.

Relative:
Higher

Actual:
54 ft.

SWF/LF:
Flag: INACTIVE
Region Code: 4
Phone Number: Not reported
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Landfill - mixed solid waste
Activity Number: [42S10]
Active: No
East Coordinate: 604010
North Coordinate: 4722644
Accuracy Code: Not reported
Regulatory Status: None
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported

38
SSW
1/2-1
0.525 mi.
2771 ft.

NIAGARA MOHAWK- RENSSELAER MGP
WASHINGTON ST.
RENSSELAER, NY 12144

Manufactured Gas Plants

1008408027
N/A

Relative:
Lower

Actual:
12 ft.

Manufactured Gas Plants:
No additional information available

39
WNW
1/2-1
0.852 mi.
4501 ft.

FORMER ALBANY LABORATORIES
67 HOWARD STREET
ALBANY, NY 12207

SHWS
MANIFEST

S110768283
N/A

Relative:
Higher

Actual:
95 ft.

SHWS:
Program: HW
Site Code: 441655
Classification: SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR ENVIRONMENT - ACTION REQUIRED.
Region: 4
Acres: .266
HW Code: 401061
Record Add: 11/4/2010 11:34:00 AM
Record Upd: 1/18/2012 9:18:00 AM
Updated By: JAMORAS
Site Description: Location: The site is the location of the Former Albany Chemical Laboratories at 67 Howard Street and 140 State Street in an urban commercial area in the City of Albany near the State Capital. Site Features: The site was originally Spill No. 0704683. The spill was called in on July 25, 2007 when a large UST and impacted soil were observed during a preliminary investigation prior to demolition. Contamination was observed primarily in the former location of a courtyard that had occupied the northern portion of the 67 Howard Street parcel and the southern end of the 140 State Street parcel. Contamination had also migrated east to the 138 State Street parcel. The courtyard was previously bound on all four sides by buildings. Initially, the 67 Howard Street building was demolished to enable access to the courtyard prior to the removal of the tank and much of the impacted soil in October 2008. Except for the facades along State Street, all of the on-site buildings and the adjacent 136, 134 and 132 State Street buildings have also been demolished to make way for future development. Subsequent investigations found VOCs, PAHs and mercury contamination in on-site soil. SVOC and mercury contamination may be due to the historic urban fill that was previously used at the site as these contaminants were absent in deeper samples. Current Zoning: The site is zoned for commercial use. Historical Uses: The 67 Howard Street property was originally the location of a dairy farm. As early as 1934, 67 Howard Street was listed as having been a chemical laboratory. The adjacent courtyard was used for Thinner storage yard in metal drums . According to city directories, the 67 Howard Street property was operated as Albany Laboratories from 1935 to 1985. The property has been vacant since 1985. The earliest (1982) records indicate that the 140 State Street property was originally a private dwelling. Circa 1914 documents reported that the property was used as doctor s offices and apartments. At some time prior to 1934 and until at least 1979, the building was used as the Berkshire Hotel. The building was vacant thereafter. Site Geology and

FORMER ALBANY LABORATORIES (Continued) **S110768283**

Hydrogeology: Due to the steep incline toward the Hudson River, it is assumed that area groundwater flows due east to the river. However, a planned well was drilled through 50 feet of dense clay in an attempt to investigate groundwater. But no groundwater was found at, nor above, 50 feet. Due to a thick layer of dense clay and the depth to groundwater, no site related impacts to groundwater are likely.

Env Problem: Nature and Extent of Contamination: VOCs, PAHs and mercury are present in on-site soils. The PAHs and mercury appear to be due to the historic fill present across the site. Excavation activities have removed the bulk of the soil contamination. Additional excavation is scheduled for January 2011. However, excavation to the west is limited at about four feet from the adjacent former Dewitt Clinton hotel so as to not undermine that building's foundation. Contaminants of concern (COCs) include tetrachloroethene(PCE), trichloroethene (TCE), other chlorinated VOCs and BTEX. PCE and TCE were detected in soils above the SCGs at concentrations up to 150 ppm and 120 ppm, respectively. In the summer of 2010, an investigation found elevated VOC concentrations in on-site soil vapor. TCE was detected at a concentration of 7,500 ug/M3 and PCE was detected at 680 ug/M3 in soil vapor immediately adjacent to the former Dewitt Clinton Hotel. A planned well was drilled through 50 feet of dense clay in an attempt to investigate groundwater. But no groundwater was found at, nor above, 50 feet. Considering the thick layer of dense clay and the depth to groundwater, no site related impacts to groundwater are likely. Special Resources Impacted or Threatened: No special recources are impacted nor threatened. Significant Threat: The Site represents a significant threat due to the potential for Soil Vapor Intrusion (SVI) into adjacent commercial and residential properties, as well as the potential SVI exposures in future structures built on-site.

Health Problem: Persons who dig below the ground surface may come into contact with contaminants in subsurface soil. Volatile organic compounds in the soil have moved into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because there is no on-site building, contact with contaminants due to soil vapor intrusion does not represent a concern for the site in its current condition. However, the potential exists for inhalation of site-related contaminants due to soil vapor intrusion for any future on-site construction. Due to the potential for the off-site migration of contaminants present in soil vapor, off-site structures near the site may need to be evaluated for soil vapor intrusion.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 11/8/2010 11:40:00 AM
Record Upd: 11/8/2010 11:40:00 AM
Updated By: MDMACCAB
Own Op: Owner

FORMER ALBANY LABORATORIES (Continued) **S110768283**

Sub Type:	01
Owner Name:	Mike Arcangel
Owner Company:	Columbia Eagle LLC
Owner Address:	302 Washington Avenue Extension
Owner Addr2:	Not reported
Owner City,St,Zip:	Albany, NY 12203
Owner Country:	United States of America
HW Code:	401061
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	401061
Waste Type:	DICHLOROETHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	401061
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	401061
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	401061
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	401061
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	0704683
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	11/4/2010 11:36:00 AM
Record Updated:	11/4/2010 11:36:00 AM
Updated By:	MOBARRIE

NY MANIFEST:

EPA ID:	NYR000180018
Country:	USA
Mailing Name:	COLUMBIA EAGLE LLC
Mailing Contact:	COLUMBIA EAGLE LLC
Mailing Address:	302 WASHINGTON AVE EXT.
Mailing Address 2:	Not reported
Mailing City:	ALBANY
Mailing State:	NY
Mailing Zip:	12203
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	518-862-9113

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYR000158469
Trans2 State ID:	Not reported

FORMER ALBANY LABORATORIES (Continued) **S110768283**

Generator Ship Date:	2011-02-14
Trans1 Recv Date:	2011-02-14
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-02-15
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000180018
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	Not reported
Quantity:	68280.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	002474451FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H132

Count: 20 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MENANDS	1000116397	TWO GUYS STORE - VACANT	RTE 2 & BROADWAY	12204	FINDS,RCRA-NLR
TROY	1000552384	CUMBERLAND FARMS	RT 4 & BLOOMINGROVE DR	12180	FINDS,MANIFEST,RCRA-CESQG
RENSSELAER	1000556874	NYSDOT BIN 2202220	BROADWAY OVER AMTRAK	12144	FINDS,RCRA-NLR
ALBANY	1000693586	NYSDOT BIN 109254B	RTE 9 RAMP SW & SE OVER CRK	12204	FINDS,RCRA-NLR
ARE & HUDSON ALBANY	1000790809	NYSDOT	BIN #1-09298-BI-87 OVER DELAW		FINDS,RCRA-NLR,MANIFEST
ALBANY	1001968794	NYSDOT - REGION 1	I-90 EB RAMP TO I-787 NB	12207	FINDS,MANIFEST,RCRA-NLR
ALBANY	1001968797	NYSDOT - REGION 1	I-90 EB OVER I-787	12207	FINDS,RCRA-NLR,MANIFEST
ALBANY	1001968798	NYSDOT - REGION 1	I-787 SB RAMP TO I-90 EB	12204	FINDS,RCRA-NLR,MANIFEST
EAST GREENBUSH	1001968810	NYSDOT BIN 1092630	RTE 4 & I-90	12144	FINDS,RCRA-NLR
RENSSELAER	1003863936	RENSSELAER LF	PARTITION ST	12144	CERCLIS-NFRAP
RENSSELAER	1004756532	CUMBERLAND FARMS	RD 2 PO BOX 9802	12144	FINDS,RCRA-NLR,MANIFEST,MANIF
CLINTON HEIGHTS	1004758925	AMERADA HESS CORP	#32201 RTES 9 AND 20	12144	FINDS,MANIFEST,RCRA-NLR
ALBANY	1007112584	NYSDOT BIN 109298A	SO MALL EXPWY OVER BROADWAY	12202	RCRA-NLR
RENSSELAER	1014399403	NYSDOT BIN 2005510	RTE 9 OVER AMTRAK RAILROAD	12144	RCRA-LQG
	M300005318	WILLAM J. KELLER & SONS CONSTRUCTI	ROUTE 150 PIT		MINES
GLENMONT	S109781380	GLENMONT JOB CORPS.	RTE 144	12207	MANIFEST
GLENMONT	S109781917	ALBANY STEAM STATION	RTE 144 W HUDSON RIVER	12207	MANIFEST
GLENMONT	S109781918	ID NOT IN TRANSPORTER FILE	RTE 144 W HUDSON RIVER	12207	MANIFEST
GLENMONT	S109781919	NIAGARA MOHAWK POWER CORP.	RTE 144 W HUDSON RIVER	12207	MANIFEST
GLENMONT	S109781920	PSE&G ALBANY STEAM STATION	RTE 144 W HUDSON RIVER	12207	MANIFEST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/07/2011
Date Data Arrived at EDR: 10/12/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 141

Source: EPA
Telephone: N/A
Last EDR Contact: 05/10/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/07/2011
Date Data Arrived at EDR: 10/12/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 141

Source: EPA
Telephone: N/A
Last EDR Contact: 04/05/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/07/2011
Date Data Arrived at EDR: 10/12/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 141

Source: EPA
Telephone: N/A
Last EDR Contact: 04/05/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/27/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 04/05/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010
Date Data Arrived at EDR: 01/11/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/12/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/28/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 04/05/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 10/03/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 03/29/2012
Date Data Arrived at EDR: 03/29/2012
Date Made Active in Reports: 05/04/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 03/29/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Annually

VAPOR REOPENED: Vapor Intrustion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 08/01/2011
Date Data Arrived at EDR: 08/26/2011
Date Made Active in Reports: 09/16/2011
Number of Days to Update: 21

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 02/24/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Varies

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 04/11/2012
Date Data Arrived at EDR: 04/11/2012
Date Made Active in Reports: 05/07/2012
Number of Days to Update: 26

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 04/09/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LTANKS: Spills Information Database

Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 03/29/2012
Date Data Arrived at EDR: 03/29/2012
Date Made Active in Reports: 05/09/2012
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/29/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/07/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/01/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/23/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/01/2011
Date Data Arrived at EDR: 11/21/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 50
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

TANKS: Storage Tank Faciliy Listing
This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 04/03/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/04/2012
Number of Days to Update: 30
Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 05/10/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

UST: Petroleum Bulk Storage (PBS) Database
Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 04/03/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/07/2012
Number of Days to Update: 33
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/10/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CBS UST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: Varies

AST: Petroleum Bulk Storage
Registered Aboveground Storage Tanks.

Date of Government Version: 04/03/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/07/2012
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/10/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF: Major Oil Storage Facility Site Listing
These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 04/03/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/04/2012
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/10/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

CBS: Chemical Bulk Storage Site Listing
These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 04/03/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/04/2012
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/10/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/23/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 07/01/2011
Date Data Arrived at EDR: 08/26/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 18

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/28/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 42

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/01/2011
Date Data Arrived at EDR: 11/21/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 50

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/01/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/10/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 03/29/2012
Date Data Arrived at EDR: 03/29/2012
Date Made Active in Reports: 05/04/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 03/29/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 03/29/2012
Date Data Arrived at EDR: 03/29/2012
Date Made Active in Reports: 05/04/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 03/29/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Quarterly

RES DECL: Restrictive Declarations Listing

A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/18/2010
Date Data Arrived at EDR: 12/23/2010
Date Made Active in Reports: 02/11/2011
Number of Days to Update: 50

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 03/30/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: No Update Planned

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 03/29/2012
Date Data Arrived at EDR: 03/29/2012
Date Made Active in Reports: 05/04/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 03/29/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 08/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 03/29/2012
Date Data Arrived at EDR: 03/29/2012
Date Made Active in Reports: 05/04/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 03/29/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Quarterly

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 03/29/2012
Date Data Arrived at EDR: 03/29/2012
Date Made Active in Reports: 05/04/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 03/29/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/27/2011
Date Data Arrived at EDR: 06/27/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 04/11/2012
Date Data Arrived at EDR: 04/11/2012
Date Made Active in Reports: 05/07/2012
Number of Days to Update: 26

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 01/09/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Semi-Annually

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 11/15/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 04/27/2012
Next Scheduled EDR Contact: 08/06/2012
Data Release Frequency: Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/07/2012
Next Scheduled EDR Contact: 08/20/2012
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 10/07/2011
Date Data Arrived at EDR: 12/09/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 32
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/06/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: Quarterly

DEL SHWS: Delisted Registry Sites
A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 02/22/2012
Date Data Arrived at EDR: 02/24/2012
Date Made Active in Reports: 03/28/2012
Number of Days to Update: 33
Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 03/29/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Annually

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 09/09/2011
Date Data Arrived at EDR: 09/16/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Varies

LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 02/14/2012
Date Data Arrived at EDR: 02/16/2012
Date Made Active in Reports: 03/09/2012
Number of Days to Update: 22

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 10/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Annually

SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 03/29/2012
Date Data Arrived at EDR: 03/29/2012
Date Made Active in Reports: 05/09/2012
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/29/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/29/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 94

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/08/2012
Next Scheduled EDR Contact: 08/20/2012
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/16/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 01/25/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 36

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/28/2011
Date Data Arrived at EDR: 12/14/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 27

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/14/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/28/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/07/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/28/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/28/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/17/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/10/2012
Date Data Arrived at EDR: 01/12/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/10/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 03/13/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Biennially

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 03/12/2012
Date Data Arrived at EDR: 03/14/2012
Date Made Active in Reports: 05/04/2012
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 03/14/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Quarterly

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/10/2012
Date Data Arrived at EDR: 02/09/2012
Date Made Active in Reports: 03/09/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/09/2012
Next Scheduled EDR Contact: 08/20/2012
Data Release Frequency: Annually

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 12/20/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/25/2012
Number of Days to Update: 26

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 03/19/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Varies

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 03/26/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 05/04/2012
Number of Days to Update: 39

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: No Update Planned

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/24/2011
Date Made Active in Reports: 11/03/2011
Number of Days to Update: 71

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 10/05/2011
Date Data Arrived at EDR: 01/03/2012
Date Made Active in Reports: 01/25/2012
Number of Days to Update: 22

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 03/30/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/16/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 04/23/2012
Next Scheduled EDR Contact: 08/06/2012
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/04/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 04/11/2012
Date Data Arrived at EDR: 04/11/2012
Date Made Active in Reports: 05/04/2012
Number of Days to Update: 23

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 04/09/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/16/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/31/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 12/11/2008
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 04/09/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 04/10/2012
Date Data Arrived at EDR: 04/11/2012
Date Made Active in Reports: 05/07/2012
Number of Days to Update: 26

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 04/09/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/16/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: N/A

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/16/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 04/10/2012
Date Data Arrived at EDR: 04/10/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 28

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 05/07/2012
Next Scheduled EDR Contact: 08/20/2012
Data Release Frequency: Quarterly

Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 04/10/2012
Date Data Arrived at EDR: 04/10/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 28

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 05/07/2012
Next Scheduled EDR Contact: 08/20/2012
Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 04/09/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 05/07/2012
Next Scheduled EDR Contact: 08/20/2012
Data Release Frequency: Varies

Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 04/09/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 05/07/2012
Next Scheduled EDR Contact: 08/20/2012
Data Release Frequency: Varies

ROCKLAND COUNTY:

Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 12/19/2011
Date Data Arrived at EDR: 12/20/2011
Date Made Active in Reports: 01/25/2012
Number of Days to Update: 36

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 12/19/2011
Date Data Arrived at EDR: 12/20/2011
Date Made Active in Reports: 01/25/2012
Number of Days to Update: 36

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 05/07/2012
Next Scheduled EDR Contact: 08/20/2012
Data Release Frequency: Annually

Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 05/07/2012
Next Scheduled EDR Contact: 08/20/2012
Data Release Frequency: Annually

WESTCHESTER COUNTY:

Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 02/14/2012
Date Data Arrived at EDR: 02/16/2012
Date Made Active in Reports: 03/08/2012
Number of Days to Update: 21

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 02/06/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Varies

Listing of Storage Tanks
A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 02/14/2012
Date Data Arrived at EDR: 02/16/2012
Date Made Active in Reports: 03/08/2012
Number of Days to Update: 21

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 02/06/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/20/2012
Date Data Arrived at EDR: 02/20/2012
Date Made Active in Reports: 03/15/2012
Number of Days to Update: 24

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/20/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/17/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/26/2012
Date Made Active in Reports: 03/06/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/23/2012
Next Scheduled EDR Contact: 08/06/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/24/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 02/22/2012
Date Data Arrived at EDR: 02/28/2012
Date Made Active in Reports: 04/05/2012
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 04/23/2012
Next Scheduled EDR Contact: 08/06/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/19/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

824 BROADWAY AND N OF 1 PARTITION ST
824 BROADWAY
RENSSELAER, NY 12144

TARGET PROPERTY COORDINATES

Latitude (North):	42.6465 - 42° 38' 47.40''
Longitude (West):	73.7396 - 73° 44' 22.56''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	603323.7
UTM Y (Meters):	4722116.0
Elevation:	42 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	42073-F6 TROY SOUTH, NY
Most Recent Revision:	1980
West Map:	42073-F7 ALBANY, NY
Most Recent Revision:	1994

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

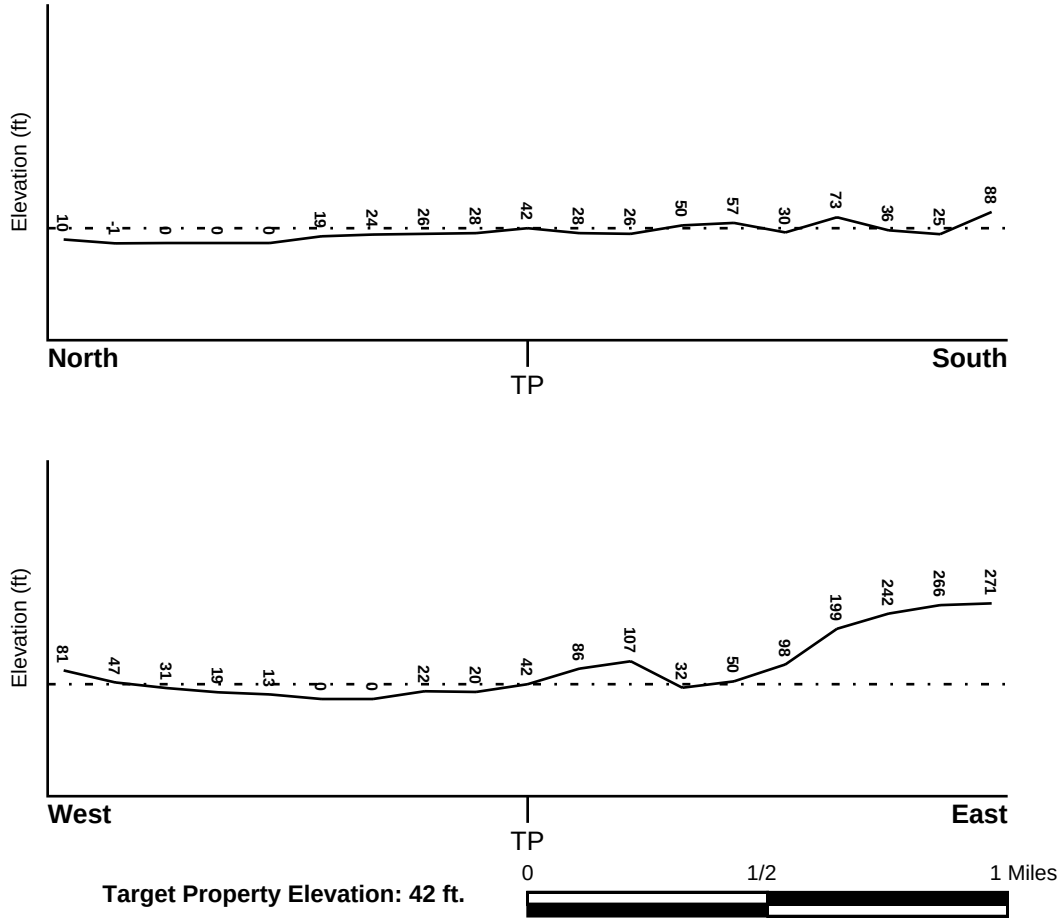
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 42 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
RENSSELAER, NY	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	3610320002B - FEMA Q3 Flood data
Additional Panels in search area:	3611640006A - FEMA Q3 Flood data 3611330001A - FEMA Q3 Flood data 3611330002A - FEMA Q3 Flood data 3610320001B - FEMA Q3 Flood data 3611330003A - FEMA Q3 Flood data 3600010004C - FEMA Q3 Flood data 3600010007C - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
TROY SOUTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

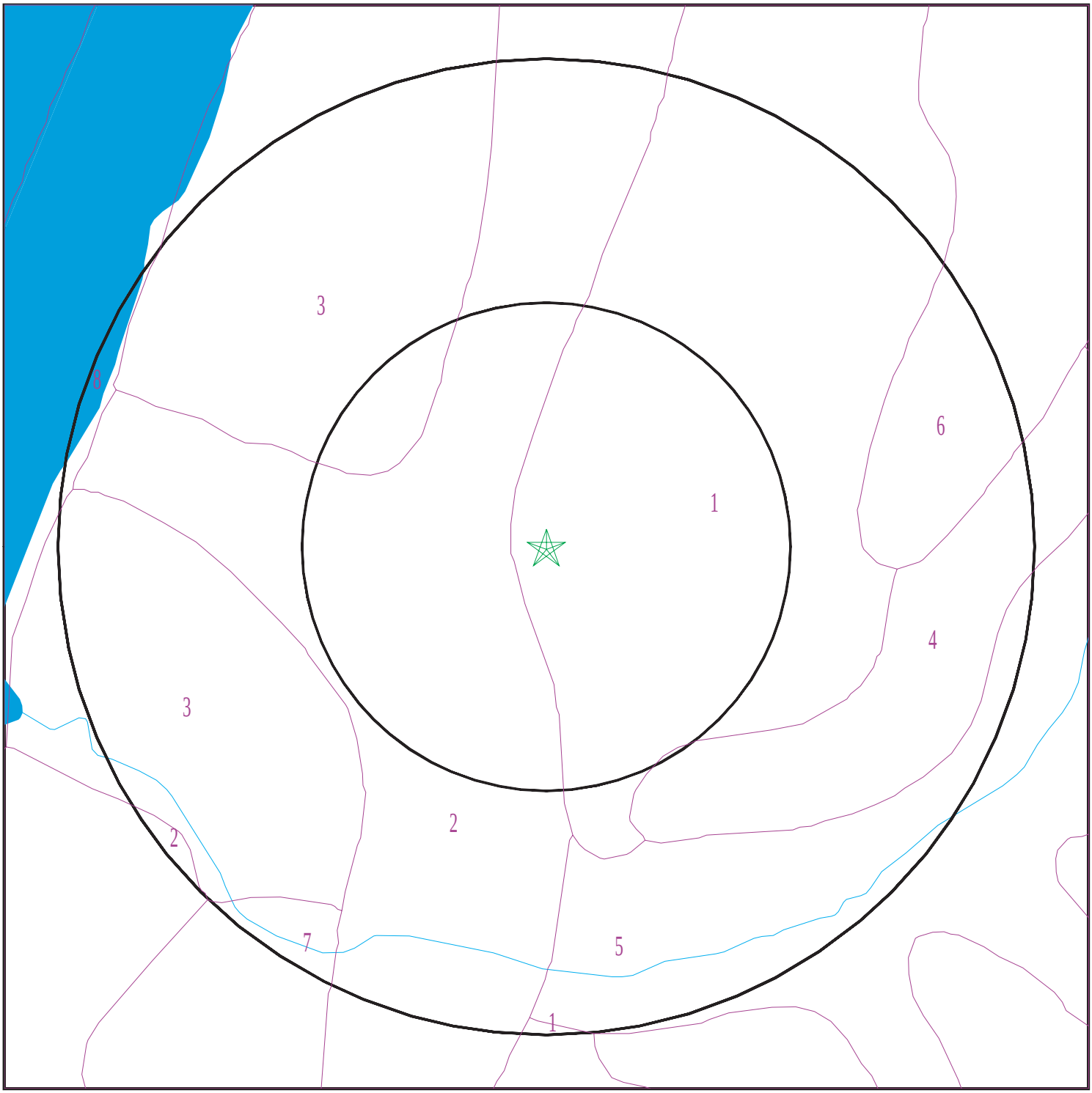
Era:	Paleozoic
System:	Ordovician
Series:	Middle Ordovician (Mohawkian)
Code:	O2 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 3321801.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	824 Broadway and N of 1 Partition St	CLIENT:	ARCADIS, U.S. Inc.
ADDRESS:	824 Broadway Rensselaer NY 12144	CONTACT:	Alina Walcek
LAT/LONG:	42.6465 / 73.7396	INQUIRY #:	3321801.2s
		DATE:	May 11, 2012 5:04 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Hudson

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 54 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	7 inches	16 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
3	16 inches	27 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
4	27 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

Soil Map ID: 2

Soil Component Name: Udorthents

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 137 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.2 Min: 5.1

Soil Map ID: 3

Soil Component Name: Udorthents

Soil Surface Texture: very gravelly loamy sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Excessively drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	59 inches	very gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6 Min: 5.1

Soil Map ID: 4

Soil Component Name: Hudson

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 54 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	7 inches	16 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	16 inches	27 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
4	27 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

Soil Map ID: 5

Soil Component Name: Fluvaquents

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 0.42	Max: 7.2 Min: 5.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	5 inches	59 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 0.42	Max: 7.2 Min: 5.6

Soil Map ID: 6

Soil Component Name: Hudson

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 54 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	7 inches	16 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	16 inches	27 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
4	27 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

Soil Map ID: 7

Soil Component Name: Urban land

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 8

Soil Component Name: Water

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	USGS2130444	1/4 - 1/2 Mile SSW
3	USGS2130502	1/2 - 1 Mile NE
4	USGS2130481	1/2 - 1 Mile West
5	USGS2130516	1/2 - 1 Mile NNW
6	USGS2130617	1/2 - 1 Mile SSE
7	USGS2130485	1/2 - 1 Mile West
8	USGS2130497	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	NY0022502	1/4 - 1/2 Mile SSW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

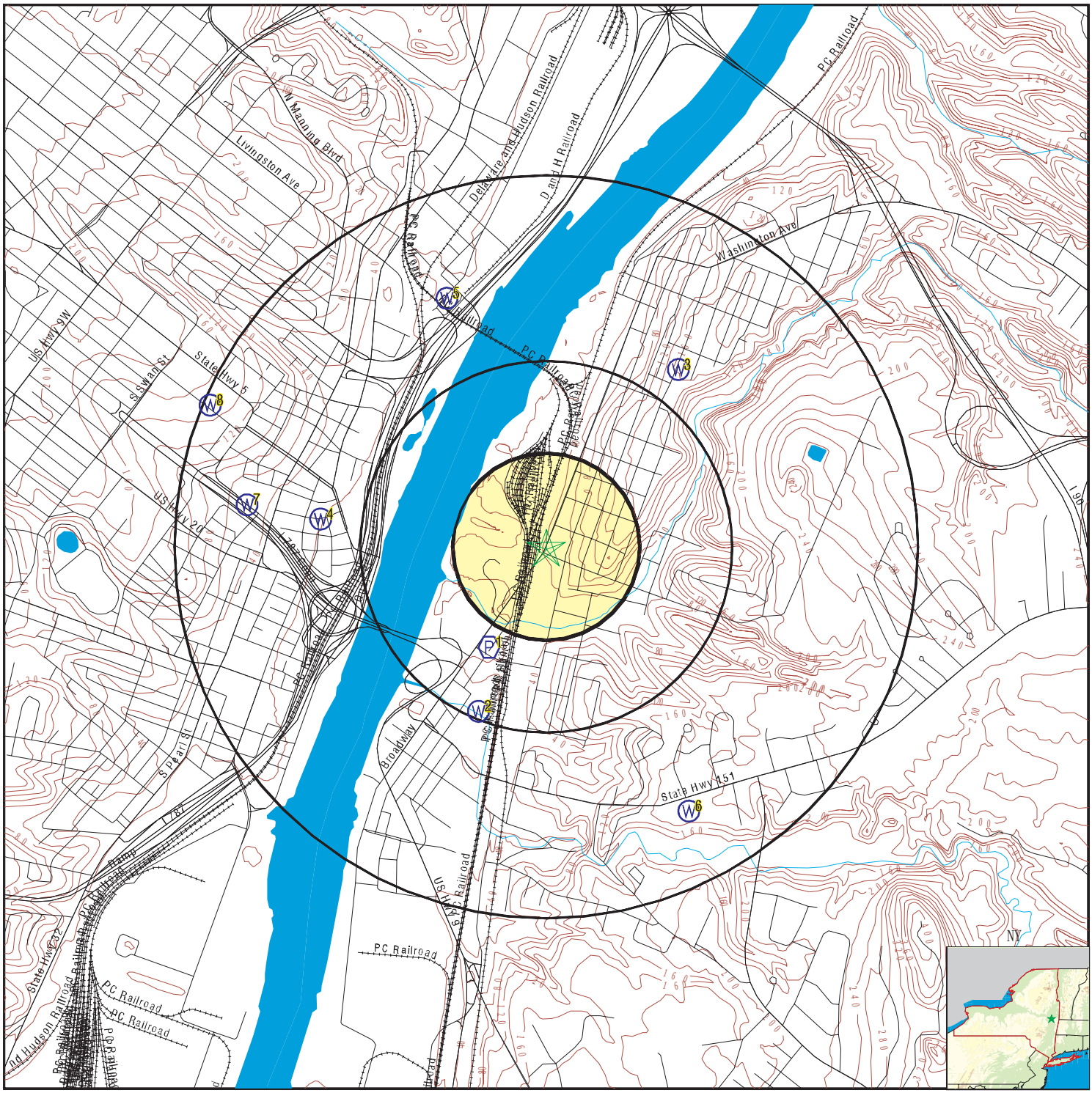
MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 3321801.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: 824 Broadway and N of 1 Partition St	CLIENT: ARCADIS, U.S. Inc.
ADDRESS: 824 Broadway Rensselaer NY 12144	CONTACT: Alina Walcek
LAT/LONG: 42.6465 / 73.7396	INQUIRY #: 3321801.2s DATE: May 11, 2012 5:04 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSW | **FRDS PWS** | **NY0022502**
1/4 - 1/2 Mile
Lower

PWS ID:	NY0022502		
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	I-90 REST AREA #16 I-90 WESTBOUND CASTLETON ON H, NY 12033		
Addressee / Facility:	System Owner/Responsible Party DEFABIO JOSEPH NEW YORK STATE DEPT OF TRANS ROUTE 4 & 43 RENSSELAER, NY 12144		
Facility Latitude:	42 38 33	Facility Longitude:	073 44 35
City Served:	SCHODACK (T)		
Treatment Class	Not Reported	Population:	Not Reported

Violations information not reported.

2
SSW | **FED USGS** | **USGS2130444**
1/4 - 1/2 Mile
Lower

Agency cd:	USGS	Site no:	423824073443701
Site name:	RE 529		
Latitude:	423824	EDR Site id:	USGS2130444
Longitude:	0734437	Dec lat:	42.64007954
Dec lon:	-73.74317584	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	083
Country:	US	Land net:	Not Reported
Location map:	BULL GW-21	Map scale:	126720
Altitude:	10		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	SAND AND GRAVEL		
Well depth:	45	Hole depth:	Not Reported
Source of depth data:	other reported		
Project number:	443615124		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

3
NE
1/2 - 1 Mile
Higher

FED USGS **USGS2130502**

Agency cd:	USGS	Site no:	423912073435901
Site name:	RE 585		
Latitude:	423912	EDR Site id:	USGS2130502
Longitude:	0734359	Dec lat:	42.6534127
Dec lon:	-73.73261989	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	083
Country:	US	Land net:	Not Reported
Location map:	TROY SOUTH K-26-1	Map scale:	24000
Altitude:	100		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	67	Hole depth:	Not Reported
Source of depth data:	other reported		
Project number:	BULLGW-21		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1950-00-00	Ground water data end date:	1950-00-00
Ground water data count:	1		

Ground-water levels, Number of Measurements: 0

4
West
1/2 - 1 Mile
Lower

FED USGS **USGS2130481**

Agency cd:	USGS	Site no:	423851073450701
Site name:	A 352		
Latitude:	423851	EDR Site id:	USGS2130481
Longitude:	0734507	Dec lat:	42.64757943
Dec lon:	-73.75150937	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	001
Country:	US	Land net:	Not Reported
Location map:	BULL GW-20	Map scale:	Not Reported
Altitude:	50.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Middle Hudson. Massachusetts, New York. Area = 2390 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19460101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	SNAKE HILL FORMATION		
Well depth:	325	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	BULLGW-20		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1947-05-06
Water quality data end date:	1947-05-06	Water quality data count:	1
Ground water data begin date:	1946-01-01	Ground water data end date:	1946-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 0

5
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS2130516**

Agency cd:	USGS	Site no:	423922073444301
Site name:	A 229		
Latitude:	423922	EDR Site id:	USGS2130516
Longitude:	0734443	Dec lat:	42.65619044
Dec lon:	-73.74484245	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	001
Country:	US	Land net:	Not Reported
Location map:	BULL GW-20	Map scale:	Not Reported
Altitude:	30.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Middle Hudson. Massachusetts, New York. Area = 2390 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19460101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	SNAKE HILL FORMATION		
Well depth:	252	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	BULLGW-20		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

6
SSE **FED USGS** **USGS2130617**
1/2 - 1 Mile
Higher

Agency cd:	USGS	Site no:	423810073435701
Site name:	RE 543		
Latitude:	423810	EDR Site id:	USGS2130617
Longitude:	0734357	Dec lat:	42.63619069
Dec lon:	-73.73206442	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	083
Country:	US	Land net:	Not Reported
Location map:	TROY SOUTH K-26-1	Map scale:	24000
Altitude:	190		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	208	Hole depth:	Not Reported
Source of depth data:	other reported		
Project number:	BULLGW-21		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1950-00-00	Ground water data end date:	1950-00-00
Ground water data count:	1		

Ground-water levels, Number of Measurements: 0

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

7
West
1/2 - 1 Mile
Higher | **FED USGS** | **USGS2130485**

Agency cd:	USGS	Site no:	423853073452101
Site name:	A 224		
Latitude:	423853	EDR Site id:	USGS2130485
Longitude:	0734521	Dec lat:	42.64813495
Dec lon:	-73.75539837	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	001
Country:	US	Land net:	Not Reported
Location map:	BULL GW-20	Map scale:	Not Reported
Altitude:	115.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Middle Hudson. Massachusetts, New York. Area = 2390 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19460101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	SNAKE HILL FORMATION		
Well depth:	135	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	BULLGW-20		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

8
WNW
1/2 - 1 Mile
Higher | **FED USGS** | **USGS2130497**

Agency cd:	USGS	Site no:	423907073452801
Site name:	A 216		
Latitude:	423907	EDR Site id:	USGS2130497
Longitude:	0734528	Dec lat:	42.65202378
Dec lon:	-73.75734284	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	001
Country:	US	Land net:	Not Reported
Location map:	BULL GW-20	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	180.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Middle Hudson. Massachusetts, New York. Area = 2390 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19460101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	SNAKE HILL FORMATION		
Well depth:	188	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	BULLGW-20		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: NY Radon

Radon Test Results

County	Town	Num Tests	Avg Result	Geo Mean	Max Result
RENSSELAER	HOOSICK	32	3.65	2.39	19.6
RENSSELAER	NASSAU	71	6.28	3.13	38.1
RENSSELAER	NO. GREENBUSH	190	9.2	4.22	130.6
RENSSELAER	PETERSBURG	36	4.69	3.6	22.1
RENSSELAER	PITTSTOWN	23	7.02	3.12	74.2
RENSSELAER	POESTENKILL	46	6.41	4.13	31.4
RENSSELAER	RENSSELAER	113	5.99	2.81	65.3
RENSSELAER	SAND LAKE	157	6.35	3.13	37.7
RENSSELAER	SCHAGHTICOKE	39	5.75	4.25	19.3
RENSSELAER	SCHODACK	230	8.26	4.36	103.2
RENSSELAER	STEPHENTOWN	28	5.31	3.15	23.3
RENSSELAER	TROY	470	6.05	3.05	134.7
RENSSELAER	BERLIN	17	8.43	6.13	25
RENSSELAER	BRUNSWICK	90	7.48	3.68	92.2
RENSSELAER	E. GREENBUSH	196	7.12	3.32	56.1
RENSSELAER	GRAFTON	30	3.46	2	17.7

Federal EPA Radon Zone for RENSSELAER County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for RENSSELAER COUNTY, NY

Number of sites tested: 85

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	1.570 pCi/L	87%	13%	0%
Basement	2.890 pCi/L	66%	31%	4%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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ARCADIS

Appendix **D**

FOIL Response

NYS Department of Environmental Conservation
Division of Environmental Remediaion
Spills - Freedom of Information Request
Listing of Spills From To 5/30/2012

Spill Number	Municipality	County	Spill Name	Spill Street	Spill Date	PIN	Spiller	Class	Date Received	Close Date	CAC Date	Meets Stds
8600947	RENSSELAER	Rensselaer	BROADWAY & RIVERSIDE	BROADWAY @ RIVERSIDE	05/08/1986		UNKNOWN	B3	05/08/1986	05/08/1986	05/08/1986	Yes
8603266	RENSSELAER	Rensselaer	OIL IN SEWER	1 BROADWAY SEWER	08/16/1986		UNKNOWN	B3	08/16/1986	08/16/1986	08/16/1986	Yes
8603616	RENSSELAER	Rensselaer	AMTRAK BROADWAY, NO	1040 BROADWAY AMTRAK	09/01/1986		AMTRAK	D5	09/02/1986	02/14/1995	09/01/1986	Yes
8700943	RENSSELAER	Rensselaer	DYE YACHT CLUB	HUDSON RIVER @ YACHT CLUB	05/04/1987		UNKNOWN DYE	A6	05/04/1987	05/04/1987	05/04/1987	Yes
8702358	RENSSELAER	Rensselaer	CITY HALL BROADWAY	505 BROADWAY	06/23/1987		CITY OF RENSSEL	B3	06/23/1987	08/18/1987	08/18/1987	Yes
8805124	RENSSELAER	Rensselaer	ALBANY YACHT CLUB	71 BROADWAY (75?) YACHT	09/13/1988		UNK	A6	09/13/1988	09/27/1988	09/13/1988	Yes
8805853	RENSSELAER	Rensselaer	SCHOUTEN PROPERTY	325 BROADWAY	10/10/1988		C. DICK SCHOUTE	B3	10/10/1988	10/12/1988	10/12/1988	Yes
8902792	RENSSELAER	Rensselaer	AMTRAK MAINTENANCE	617 BROADWAY AMTRAK	06/17/1989		AMTRAK	B3	06/17/1989	06/20/1989	06/20/1989	Yes
8907399	RENSSELAER	Rensselaer	BOAT SUNK HUDSON	HUDSON RIVER S OF YACHT	10/26/1989		HARRIS BOAT	A3	10/26/1989	01/30/1990	10/30/1989	Yes
8907520	RENSSELAER	Rensselaer	HARRIS BOAT IN HUDSON	9 BROADWAY HUDSON RIVER	10/28/1989		ROBERT HARRIS B	A3	10/28/1989	02/01/1990	10/31/1989	Yes
8908915	RENSSELAER	Rensselaer	AMTRAK BROADWAY	675 BROADWAY	12/09/1989		AMTRAK	B4	12/09/1989	12/14/1989	12/09/1989	Yes
8909673	RENSSELAER	Rensselaer	ALBANY YACHT CLUB	75 BROADWAY YACHT CLUB	04/09/1987		ALBANY YACHT CL	B3	01/08/1990	05/17/1990	05/09/1990	Yes
8910698	RENSSELAER	Rensselaer	AMTRAK BROADWAY	BROADWAY	02/09/1990	91201	AMTRAK MAINT	B2	02/09/1990			No
9002398	RENSSELAER	Rensselaer	ALBANY YACHT CLUB	BROADWAY (75) HUDSON	05/25/1990		ALBANY YACHT CL	C3	06/01/1990	07/15/1990	07/15/1990	Yes
9012117	RENSSELAER	Rensselaer	AIKEN AVE OUTFALL	BROADWAY AIKEN AVE	02/20/1991		UNKNOWN	C3	02/20/1991	03/04/1991	02/21/1991	Yes
9104514	RENSSELAER	Rensselaer	AMTRAK BROADWAY	BROADWAY	07/26/1991		AMTRAK	B3	07/26/1991	04/07/1993	12/31/1992	Yes
9109125	RENSSELAER	Rensselaer	AMTRAK BROADWAY	BROADWAY	10/31/1991		AMTRAK	B3	10/31/1991	10/02/1992	09/26/1992	Yes
9109127	RENSSELAER	Rensselaer	AMTRAK BROADWAY	BROADWAY	11/01/1991		AMTRAK	B3	11/01/1991	10/02/1992	09/26/1992	Yes
9200559	RENSSELAER	Rensselaer	AMTRAK BROADWAY	675 BROADWAY	04/14/1992		AMTRAK	C4	04/14/1992	04/16/1992	04/14/1992	Yes
9201302	RENSSELAER	Rensselaer	BROADWAY RED MILL	NEAR 547 BROADWAY	05/02/1992	92054	UNK	A1	05/02/1992	09/04/1992	07/31/1992	Yes
9204101	RENSSELAER	Rensselaer	AMTRAK YARD	675 BROADWAY	07/09/1992		AMTRAK	B3	07/09/1992	08/04/1992	07/09/1992	Yes
9209501	RENSSELAER	Rensselaer	AMTRAK @ MAINT BLDG	BROADWAY	11/16/1992		AMTRAK	B4	11/16/1992	03/04/2009		No
9209773	RENSSELAER	Rensselaer	AMTRAK FUEL STORAGE	BROADWAY? EAST ST?	11/22/1992		AMTRAK FUEL STO	B3	11/22/1992	12/04/1992	11/22/1992	Yes
9211153	RENSSELAER	Rensselaer	MARTINOS CIBRO	551 BROADWAY	12/28/1992		MARTINO'S CIBRO	B3	12/28/1992	11/03/1993	11/03/1993	Yes
9214182	RENSSELAER	Rensselaer	AMTRAK MAINT SHOP	BROADWAY	03/25/1993		AMTRAK	C4	03/25/1993	03/30/1993	03/26/1993	Yes
9214392	RENSSELAER	Rensselaer	AMTRAK MAINT GARAGE	BROADWAY	03/30/1993		AMTRAK MAINT GA	B3	03/30/1993	06/15/1993	03/30/1993	Yes
9304561	RENSSELAER	Rensselaer	AMTRAK BROADWAY	BROADWAY	07/12/1993		AMTRAK	B4	07/12/1993	10/29/1993	09/22/1993	Yes
9305578	RENSSELAER	Rensselaer	OIL ON RD RT 9 & 20 @	COLUMBIA TNPK RT 9 & 20 @	08/05/1993		UNKNOWN	C3	08/05/1993	08/10/1993	08/05/1993	Yes
9305853	RENSSELAER	Rensselaer	HUDSON RIVER SHEEN	BROADWAY RIVERSIDE AVE	08/12/1993		UNKNOWN	A6	08/12/1993	08/20/1993	08/12/1993	Yes
9310766	RENSSELAER	Rensselaer	AMTRAK BROADWAY	BROADWAY	12/06/1993		AMTRAK ENGINE	C5	12/06/1993	04/11/1994	04/11/1994	Yes
9315438	RENSSELAER	Rensselaer	MALARK CAPITAL DEMO	1319 BROADWAY	03/30/1994		WM. MALARK CAPI	D3	03/30/1994	05/05/1994	03/30/1994	Yes
9410036	RENSSELAER	Rensselaer	AMTRAK BROADWAY	675 BROADWAY	10/27/1994		AMTRAK MAINTENA	B3	10/27/1994	01/25/1995	10/27/1994	Yes
9513320	RENSSELAER	Rensselaer	STUTO RES 822	822 BROADWAY @ PARTITION	01/23/1996	94465	CHESTER OPALKA	B1	01/23/1996	11/08/1999		Yes
9607532	RENSSELAER	Rensselaer	STUTO 822 BROADWAY	822 BROADWAY	09/15/1996		UNKNOWN ODOR	D5	09/15/1996	09/16/1996		No
9609486	RENSSELAER	Rensselaer	SCHMITERA RES	314 BROADWAY	10/28/1996		FORMER TENANT	B6	10/29/1996	10/28/1996	10/28/1996	Yes
9610138	RENSSELAER	Rensselaer	SCHMITERA PROPERTY	314 BROADWAY	10/28/1996		RFORMER TENANT	D3	11/13/1996	11/25/1996		Yes

NYS Department of Environmental Conservation
Division of Environmental Remediaion
Spills - Freedom of Information Request
Listing of Spills From To 5/30/2012

Spill Number	Municipality	County	Spill Name	Spill Street	Spill Date	PIN	Spiller	Class	Date Received	Close Date	CAC Date	Meets Stds
9610480	RENSSELAER	Rensselaer	SCHMITERA PROPERTY	314 BROADWAY	10/28/1996		FORMER TENANT	D3	11/21/1996	10/28/1996		Yes
9612392	RENSSELAER	Rensselaer	TANK UNDER DUNN	BROADWAY @ 4TH ST DUNN	01/16/1997	94953	DOT REGII	B1	01/16/1997	01/28/1998		Yes
9613511	RENSSELAER	Rensselaer	DUNN MEMORIAL BRIDGE	BROADWAY TO PEARL ST	02/18/1997		UNKNOWN [TRUCK	B3	02/18/1997	02/18/1997	02/18/1997	Yes
9710677	RENSSELAER	Rensselaer	AMTRAK BROADWAY	675 BROADWAY	12/18/1997		AMTRAK	B3	12/18/1997	03/10/2009		No
9805489	RENSSELAER	Rensselaer	AMTRAK MAINT FACILITY	675 BROADWAY	07/30/1998		AMTRAK [NOT	B3	08/03/1998	05/20/1999		Yes
9808014	RENSSELAER	Rensselaer	SEWAGE HUDSON RIVER	73 BROADWAY HUDSON RIVER	09/25/1998		RENSSELAER CNTY	D5	09/30/1998	10/02/1998		Yes
9906723	RENSSELAER	Rensselaer	HUDSON RIVER SHEEN	1 BROADWAY HUDSON RIVER	09/06/1999		UNKNOWN SHEEN	A6	09/06/1999	09/06/1999		Yes
9906760	RENSSELAER	Rensselaer	SUPA PROPERTY	141 BROADWAY	09/07/1999		SUPA INC	B3	09/07/1999			No
9907148	RENSSELAER	Rensselaer	AMTRAK MAINT FAC	675 BROADWAY	07/09/1999		AMTRAK "AMTRACK	B3	09/15/1999	12/20/1999		No
9907149	RENSSELAER	Rensselaer	AMTRAK MAINT FAC	675 BROADWAY	08/31/1999		AMTRAK "AMTRACK	B3	09/15/1999	11/19/1999		No
9908439	RENSSELAER	Rensselaer	MINKS FIREHOUSE	BROADWAY (1001?)	10/12/1999		CITY OF RENSSEL	B3	10/12/1999	07/06/2000		No
0005442	RENSSELAER	Rensselaer	ALBANY YACHT CLUB	75 BROADWAY YACHT CLUB	08/07/2000	H0441	UNKNOWN DRUMS	B1	08/07/2000	02/07/2001		Yes
0006098	RENSSELAER	Rensselaer	BOAT S. OF YACHT CLUB	75 BROADWAY HUDSON RIVER	08/22/2000		ROBERT HARRIS B	A6	08/22/2000	08/24/2000		Yes
0006189	RENSSELAER	Rensselaer	BOAT S. OF YACHT CLUB	BROADWAY HUDSON RIVER	08/23/2000		ROBERT E HARRIS	A6	08/24/2000	08/24/2000		Yes
0010850	RENSSELAER	Rensselaer	AMTRAK RENS MAINT FAC	675 BROADWAY	12/15/2000		AMTRAK MAINT FA	C4	01/02/2001	03/28/2003		Yes
0103089	RENSSELAER	Rensselaer	HUDSON RIVER @ YACHT	75 BROADWAY HUDSON RIVER	06/20/2001		UNKNOWN HUDSON	A6	06/20/2001	11/26/2001		Yes
0108399	RENSSELAER	Rensselaer	RENSSELAER CITY HALL	505 BROADWAY	11/19/2001		AGWAY ENERGY	B3	11/19/2001	11/20/2001		Yes
0200443	RENSSELAER	Rensselaer	AMTRAK TRAIN STATION	BROADWAY	04/12/2002		AMTRAK RENS. TR	B3	04/12/2002	07/31/2002		Yes
0210964	RENSSELAER	Rensselaer	HAHN RES BROADWAY	1 BROADWAY [33 RIVERSIDE]	02/01/2003		ORGANICHEM UN	B4	02/01/2003	02/03/2003		Yes
0302313	RENSSELAER	Rensselaer	AMTRAK 551 BROADWAY	500 BROADWAY HUDSON	06/02/2003		AMTRAK	B3	06/04/2003	06/12/2006		No
0311635	RENSSELAER	Rensselaer	ZAPPALA BLOCK	501 BROADWAY	01/15/2004		ZEBOLIC LOCK SE	B3	01/15/2004	03/12/2004		No
0400140	RENSSELAER	Rensselaer	OIL ON RD PARTITION,	PARTITION ST, BROADWAY,	04/05/2004		CRISTO CONSTR.	C3	04/05/2004	05/21/2004		Yes
0403547	RENSSELAER	Rensselaer	?RES [APTS] 412	412 BROADWAY	07/02/2004		RESIDENCE	B3	07/02/2004	07/12/2004		No
0404463	RENSSELAER	Rensselaer	OLD ROXY CLEANERS	BROADWAY (800?) @	07/26/2004		OLD ROXY CLEANE	B4	07/26/2004	12/02/2005		No
0411474	RENSSELAER	Rensselaer	AMTRAK BROADWAY	BROADWAY	01/23/2005		AMTRAK SHOP	B3	01/25/2005	05/12/2005		Yes
0503513	RENSSELAER	Rensselaer	AMTRAK BROADWAY	675 BROADWAY	06/23/2005		AMTRACK [AMTRAK	B3	06/23/2005	09/12/2005	09/12/2005	No
0603960	RENSSELAER	Rensselaer	OIL ON RD BROADWAY @	BROADWAY @ 3RD AVE	07/11/2006		IN ROADWAY	C4	07/11/2006	07/11/2006		Yes
0613933	RENSSELAER	Rensselaer	NIMO TRANSFORMER	FERRY @ BROADWAY	03/28/2007		POLE (NIMO N	C4	03/28/2007	05/31/2007		Yes
0712560	RENSSELAER	Rensselaer	RENSSELAER HIGH	555 BROADWAY	02/29/2008		FORMER HIGH SCH	B4	02/29/2008	11/19/2008		No
0813642	RENSSELAER	Rensselaer	RENSSELAER COUNTY	BROADWAY BOAT LAUNCH	03/17/2009		UNKNOWN	A6	03/18/2009	03/18/2009		Yes
0911189	RENSSELAER	Rensselaer	AMTRAK MAINT FACILITY	BROADWAY (675?)	01/17/2010		AMTRAK RENSSELA	B3	01/17/2010	01/19/2010		No
1001043	RENSSELAER	Rensselaer	HUDSON RIVER SHEEN	75 BROADWAY HUDSON RIVER	04/27/2010		UNKNOWN SHEEN	A5	04/27/2010	04/28/2010		No
1009603	RENSSELAER	Rensselaer	BROADWAY @ 2ND AVE	BROADWAY @ 2ND AVE	12/08/2010		UNK SCIOTTI	B3	12/08/2010	12/09/2010		No
1101830	RENSSELAER	Rensselaer	JOE'S GARAGE	3 COLUMBIA ST @ BROADWAY	05/18/2011		JOE'S GARAGE	C6	05/18/2011	05/19/2011		No
1104273	RENSSELAER	Rensselaer	AMTRAK BROADWAY	BROADWAY	07/18/2011		AMTRAK	C3	07/18/2011	08/08/2011		No
1201047	RENSSELAER	Rensselaer	VACANT GAS STATION	141 BROADWAY	05/02/2012		OWNER		05/02/2012			No

NYS Department of Environmental Conservation
Office of General Counsel
625 Broadway, Albany, New York 12233-1500
(518) 402-9018 (Fax)

FOIL Request No. 12-1470
5/22/2012

Joe Martens
Commissioner

Ms. Alina Walcek
ARCADIS
855 Route 146 Suite 210
Clifton Park, NY 12065-

Dear Ms. Walcek:

This is to acknowledge receipt of your Freedom of Information Law request seeking records regarding: **North of 1 Partition Street, Rensselaer, NY**

I have referred your request to the following Records Custodian(s) / Freedom of Information Law Coordinator(s) who may possess the records you are requesting:

Ms. Toni Galluzzo - Region 4
1130 North Wescott Road
Schenectady, NY 12306-2014 518-357-2046

You may expect a response to your request by **6/20/2012.**

If I can be of further assistance, please contact me at (518) 402-9522 . Refer to request number 12-1470 , if you write or call.

Sincerely,

Ruth L. Earl
Records Access Officer

NYSDEC INITIAL SPILL REPORT FORM

0404463
DEC Region: 4 - Schenectady
DEC Responder:
CID#: 444

Spill No.: 0404463
Report Date: 07/26/04
Spill Class:
Closed Date:

Caller Information
Name: KEVIN BITER
Agency: NYS DEC POLICE

Phone #: (518) 357-2047

Notifier Information
KEVIN BITER
NYS DEC POLICE

(518) 357-2047

Spill Date: 07/26/04 11:27 hrs

Call RCVD Date: 07/26/04 11:27 hrs

Material(s) Spilled	Class	Amount Spilled		Amount Recov	DER Code	CASNO
1)UNKNOWN MATERIAL	Unknow	Unknown	Gal	0	0064	

Spill Location
Name: OLD ROXY CLEANERS

Address: BROADWAY & PARTION STREET
RENSELEAR CO: Rensselaer

Contact: KEVIN BITER
Phone: (518) 357-2047

Potential Spiller Information
OLD ROXY CLEANERS

BROADWAY & PARTION STREET
RENSELEAR, NY
KEVIN BITER
(518) 357-2047

Spill Cause: Other
Spill Source: Unknown
PBS No.:

Resource Affect: On Land
Notifier: DEC
Waterbody:

Caller Remarks:
HAZMAT ON SCENE AND ALSO DEC ON SCENE STILL INVESTIGATING;
***** End of Report *****

7/27/04 PMB

Lawrence E Johnson
Director

New York State Department of Environmental Conservation
DIVISION OF LAW ENFORCEMENT

Erin M. Crotty
Commissioner

SIGNIFICANT INCIDENT REPORT

[X] **INFORMATION ONLY** (For General Release) [ ] **SENSITIVE** (DLE & Exec. Staff Only) [ ] **HIGHLY CONFIDENTIAL** (For Review within DLE Only)

REGION/DISTRICT: 4 DATE (ORIGINAL): 07-26-04 TIME: 1138

CASE NAME: **Roxy Cleaners** UPDATE#: DATE:

OFFICER(S): **Daly and Beiter** COMP/INV.#: **04-016283**

INCIDENT SUPERVISOR (Include Rank): Lt. Duffy

DATE & TIME ORIGINAL INCIDENT OCCURRED : DATE : 07-26-04 TIME : 1115

DATE & TIME DLE SUPERVISOR FIRST NOTIFIED: DATE : 07-26-04 TIME : 1138

DATE & TIME OF INITIAL DEC RESPONSE : DATE : 07-26-04 TIME : 1138

LOCATION OF INCIDENT: 800 Broadway, Rensselaer, N.Y.

SYNOPSIS OF FACTS OR EVENTS:

At 1138 hours the Region 4 DLE Office was notified of a release of a substance that caused a vapor cloud at 800 Broadway, Rensselaer. Rensselaer County Haz-Mat, Rensselaer City Police, Fire and Building Departments were on scene. After investigation, it was determined that Marcel Bedard (04-04-31) intentionally disposed of 1 to 2 gallons of Hydrogen Peroxide by dumping it on the street. Mr. Bedard was charged with 71-2711-3, Endangering public health, safety or the environment in the fourth degree.

VIOLATIONS NOTED: **71-2711-3**

OTHER AGENCIES INVOLVED: **Rensselaer County Haz-Mat, Rensselaer City P.D., F.D., Building Inspector**

OTHER DEC PROGRAMS INVOLVED: **None**

SEARCH WARRANT: [ ] YES [x] NO DATE:

ARREST: [x] YES [ ] NO

NAMES OF DEFENDANT/RESPONDENT: Marcel Bedard (04-04-31)

NOTIFICATIONS:

[x] CENTRAL OFFICE DLE	DATE: 07-26-04	TIME: 1140
[x] REGIONAL DIRECTOR	DATE: 07-26-04	TIME: 1140
[ ] D.E.C. LEGAL DIVISION	DATE:	TIME:
[ ] ATTORNEY GENERAL	DATE:	TIME:
[ ] U.S. ATTORNEY	DATE:	TIME:
[ ] DISTRICT ATTORNEY	DATE:	TIME:
[ ] OTHER: (Please specify below)	DATE:	TIME:

DID INCIDENT OCCUR ON STATE LAND: [ ] YES [x] NO

New York State Department of Environmental Conservation
DIVISION OF LAW ENFORCEMENT

Erin M. Crotty
Commissioner

SIGNIFICANT INCIDENT REPORT

DLE MEMBER GENERATING SIR: Lt. Duffy

DLE SUPERVISOR APPROVING SIR: _____

From: Cliff VanGuilder
To: Cullen, Thomas; Duffy, Timothy
Date: 7/27/04 8:38AM
Subject: Re: Fwd: Roxy Cleaners SIR

According to Bill Yeman, the H2O2 can be a hazardous waste (D001) if it is >8% in solution.

That could add the charge of illegal disposal of hazardous waste.

>>> Thomas Cullen 07/27/04 07:37AM >>>
fyi

>>> Timothy Duffy 07/26/04 03:51PM >>>
See attached.....

CC: Bentien, Pamela; Geisendorfer, Alan; Goertz, Keith; Leone, Ricky; Yuchniewicz, James

New York State Department of Environmental Conservation
Division of Environmental Remediation
Spills - Freedom of Information Request

Printed on 07/26/2004

Spill Number	Municipality (County)	Spill Name	Spill Street	Spill Date	PIN Number	Spiller	Class	Date Received	Close Date	CAC Date	Meets Stds
0005442	RENSSELAER (Renssel)	ALBANY YACHT CLUB BWAY	75 BROADWAY	08/07/2000	H0441	UNKNOWN	B1	08/07/2000	02/07/2001	/ /	Yes
0006098	RENSSELAER (Renssel)	BOAT S. OF YACHT CLUB	75 BROADWAY HUDSON RIV	08/22/2000		SOUTH OF ALBANY YA	A6	08/22/2000	08/24/2000	/ /	Yes
0006189	RENSSELAER (Renssel)	BOAT S. OF YACHT CLUB	BROADWAY HUDSON RIVER	08/23/2000		ROBERT E HARRIS	A6	08/24/2000	08/24/2000	/ /	Yes
0010850	RENSSELAER (Renssel)	AMTRAK RENS MAINT FAC	675 BROADWAY AMTR	12/15/2000		AMTRAK MAINT FAC"A	C4	01/02/2001	03/28/2003	/ /	Yes
0103089	RENSSELAER (Renssel)	HUDSON RIVER @ YACHT CL	75 BROADWAY HUDSON RIV	06/20/2001		UNKNOWN "HUDSO	A6	06/20/2001	11/26/2001	/ /	Yes
0104868	TROY (Renssel)	FORMER SCHOOL 5 5TH AV	5TH AVE @ BROADWAY	08/06/2001		CITY OF TROY	B3	08/06/2001	01/31/2002	/ /	No
0108399	RENSSELAER (Renssel)	RENSSELAER CITY HALL AG	505 BROADWAY	11/19/2001		AGWAY ENERGY	B3	11/19/2001	11/20/2001	/ /	Yes
0200443	RENSSELAER (Renssel)	AMTRAK TRAIN STATION BW	BROADWAY AMTR	04/12/2002		AMTRAK RENS. TRAIN	B3	04/12/2002	02/17/2002	/ /	Yes
0207006	TROY (Renssel)	OLD SCHOOL #5 5TH AVE	5TH AVE @ BROADWAY	10/07/2002		CITY OF TROY	B3	10/07/2002	/ /	/ /	No
0207115	TROY (Renssel)	OLD SCHOOL #5 5TH AVE	5TH AVE @ BROADWAY	10/09/2002		CITY OF TROY	B3	10/09/2002	/ /	/ /	No
0210964	RENSSELAER (Renssel)	HAHN RES BROADWAY ODO	1 BROADWAY [33 RIVERSID	02/01/2003		ORGANICHEM "	B4	02/01/2003	02/03/2003	/ /	Yes
0302313	RENSSELAER (Renssel)	AMTRAK 551 BROADWAY	500 BROADWAY HUDSON RIV	06/02/2003		AMTRAK	A3	06/04/2003	/ /	/ /	No
0311635	RENNSELEAR [RENSSELAE (Renssel)	ZEBOLIC LOCK SERVICE ST	501 BROADWAY	01/15/2004		" ZEBOLIC LOCK SER	B3	01/15/2004	03/12/2004	/ /	No
0400140	RENSSELAER (Renssel)	OIL ON RD PARTITION BW	PARTITION ST, BROADWAY	04/05/2004		CRISTO CONSTR.	C3	04/05/2004	05/21/2004	/ /	Yes
0403547	RENSSLEAR [RENSSELAER (Renssel)	?RES [APTS] 412 BROADW	412 BROADWAY	07/02/2004		RESIDENCE	B3	07/02/2004	07/12/2004	/ /	No
8600947	RENSSELAER (Renssel)	BROADWAY & RIVERSIDE	BROADWAY @ RIVERSIDE	05/08/1986		UNKNOWN	B3	05/08/1986	05/08/1986	05/08/1986	Yes
8603266	RENSSELAER (Renssel)	OIL IN SEWER BROADWAY	1 BROADWAY	08/16/1986		UNKNOWN	B3	08/16/1986	08/16/1986	08/16/1986	Yes
8603616	RENSSELAER (Renssel)	AMTRAK BROADWAY, NO SPI	1040 BROADWAY AMTR	09/01/1986		AMTRAK	D5	09/02/1986	02/14/1995	09/01/1986	Yes
8605500	TROY (Renssel)	MARINE MIDLAND BROADWA	257 BROADWAY	12/01/1986		MARINE MIDLAND	B3	12/01/1986	03/31/1987	03/31/1987	Yes
8702358	RENSSELAER (Renssel)	CITY HALL BROADWAY	505 BROADWAY	06/23/1987		CITY OF RENSSELAER	B3	06/23/1987	08/18/1987	08/18/1987	Yes
8805124	RENSSELAER (Renssel)	ALBANY YACHT CLUB HUDSO	71 BROADWAY HUDSON RIV	09/13/1988		UNK	A6	09/13/1988	09/27/1988	09/13/1988	Yes
8805853	RENSSELAER (Renssel)	SCHOUTEN PROPERTY BWAY	325 BROADWAY	10/10/1988		C. DICK SCHOUTEN	B3	10/10/1988	10/12/1988	10/12/1988	Yes
8902792	RENSSELAER (Renssel)	AMTRAK MAINTENANCE FAC.	617 BROADWAY AMTR	06/17/1989		AMTRAK	B3	06/17/1989	06/20/1989	06/20/1989	Yes
8907520	RENSSELAER (Renssel)	HARRIS BOAT IN HUDSON	9 BROADWAY HUDSON RIVE	10/28/1989		ROBERT HARRIS	A3	10/28/1989	02/01/1990	10/31/1989	Yes
8908915	RENSSELAER (Renssel)	AMTRAK BROADWAY	675 BROADWAY AMTR	12/09/1989		AMTRAK	B4	12/09/1989	12/14/1989	12/09/1989	Yes
8909673	RENSSELAER (Renssel)	ALBANY YACHT CLUB BWAY	75 BROADWAY	04/09/1987		ALBANY YACHT CLUB	B3	01/08/1990	05/17/1990	05/09/1990	Yes
8910698	RENSSELAER (Renssel)	AMTRAK BWAY MAINT SHO	BROADWAY AMTRAK MAIN SH	02/09/1990	91201	AMTRAK MAINT SHO	B2	02/09/1990	/ /	/ /	No
9002398	RENSSELAER (Renssel)	ALBANY YACHT CLUB HUDSO	BROADWAY HUDSON RIVER	05/25/1990		ALBANY YACHT CLUB	C3	06/01/1990	07/15/1990	07/15/1990	Yes
9012117	RENSSELAER (Renssel)	AIKEN AVE OUTFALL B'WA	BROADWAY AIKEN AVE	02/20/1991			C3	02/20/1991	03/04/1991	02/21/1991	Yes
9104514	RENSSELAER (Renssel)	AMTRAK BROADWAY	BROADWAY AMTR	07/26/1991		AMTRAK	B3	07/26/1991	04/07/1993	12/31/1992	Yes
9109125	RENSSELAER (Renssel)	AMTRAK BROADWAY	BROADWAY AMTR	10/31/1991		AMTRAK	B3	10/31/1991	10/02/1992	09/26/1992	Yes
9109127	RENSSELAER (Renssel)	AMTRAK BROADWAY	BROADWAY AMTR	11/01/1991		AMTRAK	B3	11/01/1991	10/02/1992	09/26/1992	Yes
9200559	RENSSELAER (Renssel)	AMTRAK BROADWAY	675 BROADWAY AMTR	04/14/1992		AMTRAK	C4	04/14/1992	04/16/1992	04/14/1992	Yes
9201302	RENSSELAER (Renssel)	BROADWAY RED MILL CREE	BROADWAY RED MILL CREE	05/02/1992	92054	UNK	A1	05/02/1992	09/04/1992	07/31/1992	Yes
9201831	TROY (Renssel)	MARINE MIDLAND 3RD @ BW	33 3RD ST @ BROADWAY	05/14/1992		MARINE MIDLAND BAN	B4	05/14/1992	06/23/1992	06/22/1992	Yes
9204101	RENSSELAER (Renssel)	AMTRAK YARD BROADWAY	675 BROADWAY AMTR	07/09/1992		AMTRAK	B3	07/09/1992	08/04/1992	07/09/1992	Yes
9209301	RENSSELAER (Renssel)	AMTRAK @ MAINT BLDG BW	BROADWAY AMTR	11/16/1992		AMTRAK	B4	11/16/1992	/ /	/ /	No
9209773	RENSSELAER (Renssel)	AMTRAK FUEL STORAGE ARE	BROADWAY? EAST ST? AMTR	11/22/1992		AMTRAK FUEL STORAG	B3	11/22/1992	12/04/1992	11/22/1992	Yes
9211153	RENSSELAER (Renssel)	MARTINOS CIBRO BROADWAY	551 BROADWAY	12/28/1992		MARTINO'S CIBRO	B3	12/28/1992	11/03/1993	11/03/1993	Yes

New York State Department of Environmental Conservation
Division of Environmental Remediation
Spills - Freedom of Information Request

Spill Number	Municipality (County)	Spill Name	Spill Street	Spill Date	PIN Number	Spiller	Class	Date Received	Close Date	CAC Date	Meets Stds
9214182	RENSSELAER (Renssel)	AMTRAK MAINT SHOP BWAY	BROADWAY AMTR	03/25/1993		AMTRAK	C4	03/25/1993	03/30/1993	03/26/1993	Yes
9214392	RENSSELAER (Renssel)	AMTRAK MAINT GARAGE BWA	BROADWAY MAINT GAR AMTR	03/30/1993		AMTRAK MAINT GARAG	B3	03/30/1993	06/15/1993	03/30/1993	Yes
9304561	RENSSELAER (Renssel)	AMTRAK BROADWAY	BROADWAY AMTR	07/12/1993		AMTRAK	B4	07/12/1993	10/29/1993	09/22/1993	Yes
9310766	RENSSELAER (Renssel)	AMTRAK BROADWAY ENG 5	BROADWAY AMTR	12/06/1993		AMTRAK ENGINE 59	C5	12/06/1993	04/11/1994	04/11/1994	Yes
9315438	RENSSELAER (Renssel)	MALARK CAPITAL DEMO BW	1319 BROADWAY	03/30/1994		WM. MALARK CAPITAL	D3	03/30/1994	05/05/1994	03/30/1994	Yes
9410036	RENSSELAER (Renssel)	AMTRAK BROADWAY MAINT F	675 BROADWAY AMTR	10/27/1994		AMTRAK MAINTENANCE	B3	10/27/1994	01/25/1995	10/27/1994	Yes
9513320	RENSSELAER (Renssel)	STUTO RES 822 BROADWAY	822 BROADWAY @ PARTITIO	01/23/1996	94465	CHESTER OPALKA	B1	01/23/1996	11/08/1999	/ /	Yes
9605328	WATERVLIET (Renssel)	WATERVLIET ARSENAL	BROADWAY	07/25/1996		"MIKE DROSKY [ARS	C4	07/25/1996	07/25/1996	07/25/1996	Yes
9607532	RENSSELAER (Renssel)	STUTO 822 BROADWAY OD	822 BROADWAY	09/15/1996		UNKNOWN	D5	09/15/1996	09/16/1996	/ /	No
9609486	RENSSELAER (Renssel)	SCHMITERA RES BROADWAY	314 BROADWAY	10/28/1996		FORMER TENANT	B6	10/29/1996	10/28/1996	10/28/1996	Yes
9610138	RENSSELAER (Renssel)	SCHMITERA PROPERTY	314 BROADWAY	10/28/1996		RFORMER TENANT	D3	11/13/1996	11/25/1996	/ /	Yes
9610480	RENSSELEAR [RENSSELAE (Renssel)	SCHMITERA PROPERTY	314 BRAODWAY [BROADWAY]	10/28/1996		FORMER TENANT	D3	11/21/1996	10/28/1996	/ /	Yes
9611253	TROY (Renssel)	HUDSON RIVER RIVER ST	BROADWAY HUDSON RIVER	12/12/1996		UNKNOWN	A1	12/12/1996	12/13/1996	12/13/1996	Yes
9612392	RENSSELAER (Renssel)	TANK UNDER DUNN BRIDGE	BROADWAY @ 4TH ST	01/16/1997	94953	DOT REGII	B1	01/16/1997	01/28/1998	/ /	Yes
9613511	RENNSELEAR [RENSSELAE (Renssel)	DUNN MEMORIAL BR TRUCK	BROADWAY TO PEARL ST	02/18/1997		UNKNOWN [TRUCK]	B3	02/18/1997	02/18/1997	02/18/1997	Yes
9707098	TROY (Renssel)	TROY PUBLISHING BROADWA	501 BROADWAY	09/15/1997		TROY RECORD	B3	09/15/1997	03/08/1998	/ /	No
9710677	RENNSSELAER [RENSSELA (Renssel)	AMTRACK [AMTRAK]	675 BROADWAY AMTR	12/18/1997		AMTRAK [NOT AMTRAC	B3	12/18/1997	/ /	/ /	No
9805489	RENNSSELAER [RENSSELA (Renssel)	AMTRAK MAINT FACILITY	675 BROADWAY AMTR	07/30/1998		AMTRAK [NOT AMT	B3	08/03/1998	05/20/1999	/ /	Yes
9808014	RENSSELAER (Renssel)	ON THE HUDSON RIVER NEA	73 BROADWAY HUDSON RIV	09/25/1998		RENSSELAER CNTY. S	D5	09/30/1998	10/02/1998	/ /	Yes
9813742	TROY (Renssel)	NIMO TRAILER FREAR ALL	FREAR BTWN STATE,BROADW	02/11/1999		NIAGARA MOHAWK NI	C4	02/11/1999	02/12/1999	/ /	Yes
9813764	TROY (Renssel)	NIMO TRAILER FREARS ALL	FREAR BTWN STATE,BROADW	02/11/1999		NIAGARA MOHAWK NI	C4	02/11/1999	10/22/1999	/ /	No
9906723	RENSSELAER (Renssel)	HUDSON RIVER SHEEN	BROADWAY HUDSON RIVER	09/06/1999		UNK	A6	09/06/1999	09/06/1999	/ /	Yes
9906760	RENSSELAER (Renssel)	SUPA PROPERTY BROADWAY	141 BROADWAY	09/07/1999		SUPA INC	B3	09/07/1999	/ /	/ /	No
9907148	RENSSELAER (Renssel)	AMTRAK MAINT FAC BROADW	675 BROADWAY AMTR	07/09/1999		AMTRAK "AMTRACK MA	B3	09/15/1999	12/20/1999	/ /	No
9907149	RENSSELAER (Renssel)	AMTRAK MAINT FAC BROADW	675 BROADWAY AMTR	08/31/1999		AMTRAK "AMTRACK MA	B3	09/15/1999	11/19/1999	/ /	No
9908439	RENSSELAER (Renssel)	MINKS FIREHOUSE BROADW	BROADWAY	10/12/1999		CITY OF RENSSELAER	B3	10/12/1999	07/06/2000	/ /	No

New York State Department of Environmental Conservation
Division of Environmental Remediation
Spills - Freedom of Information Request

Printed on 07/26/2004

Spill Number	Municipality (County)	Spill Name	Spill Street	Spill Date	PIN Number	Spiller	Class	Date Received	Close Date	CAC Date	Meets Stds
0007217	RENSSELAER (Renssel)	CRISTO'S LANDFILL	PARTITION ST LANDFI	06/01/2000		CRISTO'S LANDFILL	D5	09/20/2000	09/20/2000	/ /	No
0108309	RENNSALAER [RENSSELAE (Renssel)	STEWARTS PARTITION CARM	EAST ST @[12]PARTITION	11/15/2001		CARMAN TRUCK @ STE	C4	11/15/2001	11/16/2001	/ /	Yes
0307093	RENSSELAER (Renssel)	NIMO TRANSFORMER PARTIT	315 PARTITION ST	10/06/2003		NIMO "UNK" "315 PA	C3	10/06/2003	10/06/2003	/ /	No
0310175	RENSSELAER (Renssel)	STEWARTS PARTITION ST	12 PARTITION ST	12/01/2003		CUSTOMER [@ ST	C4	12/01/2003	03/02/2004	/ /	Yes
0310883	RENSSELAER (Renssel)	PARTITION @ BROADWAY?	PARTITION ST DRUM?	12/22/2003			B3	12/22/2003	/ /	/ /	No
0400140	RENSSELAER (Renssel)	OIL ON RD PARTITION BW	PARTITION ST, BROADWAY	04/05/2004		CRISTO CONSTR.	C3	04/05/2004	05/21/2004	/ /	Yes
8803979	RENSSELAER (Renssel)	RENSSELAER FIRE DEPT	PARTITION ST	08/15/1988		CITY OF RENSSELAER	C4	08/05/1988	08/30/1988	08/05/1988	Yes
8804661	RENSSELAER (Renssel)	PARTITION ST LANDFILL	PARTITION ST LANDFI	08/27/1988		BASF TRUCK @ LANDF	B6	08/27/1988	09/01/1988	08/27/1988	Yes
8804664	RENSSELAER (Renssel)	PARTITION ST LANDFILL	PARTITION ST LANDFI	08/27/1988		BASF TRUCKS @ LAND	B6	08/27/1988	09/01/1988	08/27/1988	Yes
9200569	RENSSELAER (Renssel)	PARTITION & WILSON CRE	PARTITION & WILSON CRE	04/14/1992			D6	04/14/1992	04/16/1992	04/14/1992	Yes
9313070	RENSSELAER (Renssel)	STEWARTS PARTITION ST	12 PARTITION ST	02/04/1994		CARMAN @ STEWARTS	C4	02/04/1994	02/10/1994	02/10/1994	Yes
9513320	RENSSELAER (Renssel)	STUTO RES 822 BROADWAY	822 BROADWAY @ PARTITIO	01/23/1996	94465	CHESTER OPALKA	B1	01/23/1996	11/08/1999	/ /	Yes
9605480	EAST GREENBUSH (Renssel)	ST JOHNS CEMETARY	PARTITION ST	07/28/1996		UNKNOWN	C3	07/29/1996	08/06/1996	/ /	No
9800508	RENSSELEAR (Renssel)	STEWARTS PARTITION ST	12 PARTITION ST	04/13/1998		STEWARTS #262 ICE	B3	04/13/1998	03/26/2001	/ /	No
9801685	RENNS [RENSSELAER] (Renssel)	RJ VALENTE PARTITION S	PARTITION ST EXT PO	05/06/1998		RJ VALENTE	A4	05/07/1998	02/04/1999	/ /	No

New York State Department of Environmental Conservation
Division of Environmental Remediation
Spills - Freedom of Information Request

Printed on 07/26/2004

Spill Number	Municipality (County)	Spill Name	Spill Street		Spill Date	PIN Number	Spiller	Class	Date Received	Close Date	CAC Date	Meets Stds
0207003	ELSMERE [DEL (Albany)	ROXY CLEANERS DELAWARE	156 DELAWARE AVE	RO	10/01/2002		ROXY CLEANERS	E5	10/07/2002	10/09/2002	/ /	No
8901208	WYNANTSKILL (Renssel)	ROXY CLEANERS MAIN AVE	MAIN AVE RT 66	RO	04/26/1989		ROXY CLEANERS	A2	05/03/1989	11/09/1993	11/09/1993	Yes
9012967	ALBANY (Albany)	ROXY 1260 BROADWAY	1260 BROADWAY	RO	03/20/1991		ROXY UNITED CLEANE	D5	03/20/1991	03/22/1991	03/20/1991	Yes
9801093	SCHENECTADY (Schenec)	ROXY DUANE @ WATT	DUANE AVE & WATT ST	RO	04/24/1998		ROXY DRY CLEANERS	B3	04/24/1998	/ /	/ /	No

11:20 7/26

2404463

Rens

unk chem. cloud

Buoy @ Port. Jefferson

ECC en route (Daily) ETA 30 min.

Rens @ Handling @ site

~~783-7885 Ht. @ O.A. Site Above~~

NYSDEC SPILL REPORT FORM

DEC REGION# 4 (Schenectady) SPILL NUMBER 9607532
SPILL NAME: DEC LEAD:
CALLER'S NAME: ANONYMOUS NOTIFIER'S NAME: ANONYMOUS
CALLER'S AGENCY: NOTIFIER'S AGENCY:
CALLER'S PHONE: EXT. NOTIFIER'S PHONE: EXT.

SPILL DATE: 09/15/96 TIME: 00:30
CALL RECEIVED DATE: 09/15/96 TIME: 07:59 RECEIVED BY CID #: 266

	Material Spilled	Mat. Class	Am't Spilled	Units	Am't Recovered
1)		Pet-Haz-Other (Unk.)	0	Gal (Lbs)	0
2)		Pet-Haz-Other-Unk.		Gal - Lbs	
3)		Pet-Haz-Other-Unk.		Gal - Lbs	
4)		Pet-Haz-Other-Unk.		Gal - Lbs	

SPILL LOCATION

PLACE:
STREET: 822 BROADWAY
T/C/V: RENSSELAER CO: RENSSELAER
CONTACT:
PHONE: EXT.

POTENTIAL SPILLER

NAME: UNKNOWN
STREET:
CITY:
STATE: ZIP:
CONTACT:
PHONE: EXT.

SPILL CAUSE

Human Error; Traffic Accident; Equipment Failure; Vandalism; Tank Test Failure*; Housekeeping; Deliberate; Abandoned Drums; Tank Failure; Tank Overfill; Other; (Unknown)

SPILL SOURCE

Gas Station; (Private Dwelling); Passenger Vehicle; Vessel; Comm. Vehicle; Railroad Car; Tank Truck; Major Facility; Non-Maj Facility; Comm/Indust; Non-Comm/Instit; Unknown

RESOURCE AFFECTED

On Land; In Sewer; Groundwater; Surface Water**; (Air)

SPILL REPORTED BY

Responsible Party; Affected Persons; Police Department; Fire Department; Tank Tester; DEC; (Citizen); Health Dept.; Local Agency; Federal Gov't; Other

** WATERBODY:

CALLER REMARKS: UNKNOWN ODOR IN BASEMENT OF RESIDENCE. FIRE DEPARTMENT, NIAGARA MOHAWK, AND CLEAN HARBOURS RESPONDED TO SCENE. UNABLE TO DETERMINE NATURE OR SOURCE OF ODOR. See 9513320

* PBS Number	Tank Number	Tank Size	Test Method	Leak Rate

PRIMARY CONTACT CALLED DATE: 9/15/96 TIME: 0804 hrs. REACHED DATE: 9/15/96 TIME: 0804 hrs.
SECONDARY CONT. CALLED DATE: TIME: hrs. FAXED BY CID#: 266

PIN #	T & A	Cost Center	ISR to Central Office
Cleanup Ceased	Meets Std's NO	Last Inspection	Penalty NO
RP-CUI	ENF-INIT	INVES-COM	CAP
UST Trust Eligible NO	Site: A B C D E	Resp. Party 1 2 3 4 5 6	Reg Close Date
		EDO	DATA INPUT 9/16/96 PJB

Created on 09/15/96 Last Updated on 09/15/96 Is Updated? YES
Date Printed: 09/15/96

Sep 15 96 8:05 No.001 P.01 TEL:8185

ARCADIS

Appendix **E**

Historical Aerial Photos

ARCADIS

Appendix **F**

Historical Topographic Maps

824 Broadway and N of 1 Partition St
824 Broadway
Rensselaer, NY 12144

Inquiry Number: 3321801.4
May 11, 2012

EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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Historical Topographic Map

N	TARGET QUAD NAME: TROY MAP YEAR: 1898 SERIES: 15 SCALE: 1:62500	SITE NAME: 824 Broadway and N of 1 Partition St ADDRESS: 824 Broadway Rensselaer, NY 12144 LAT/LONG: 42.6465 / -73.7396	CLIENT: ARCADIS, U.S. Inc. CONTACT: Alina Walcek INQUIRY#: 3321801.4 RESEARCH DATE: 05/11/2012

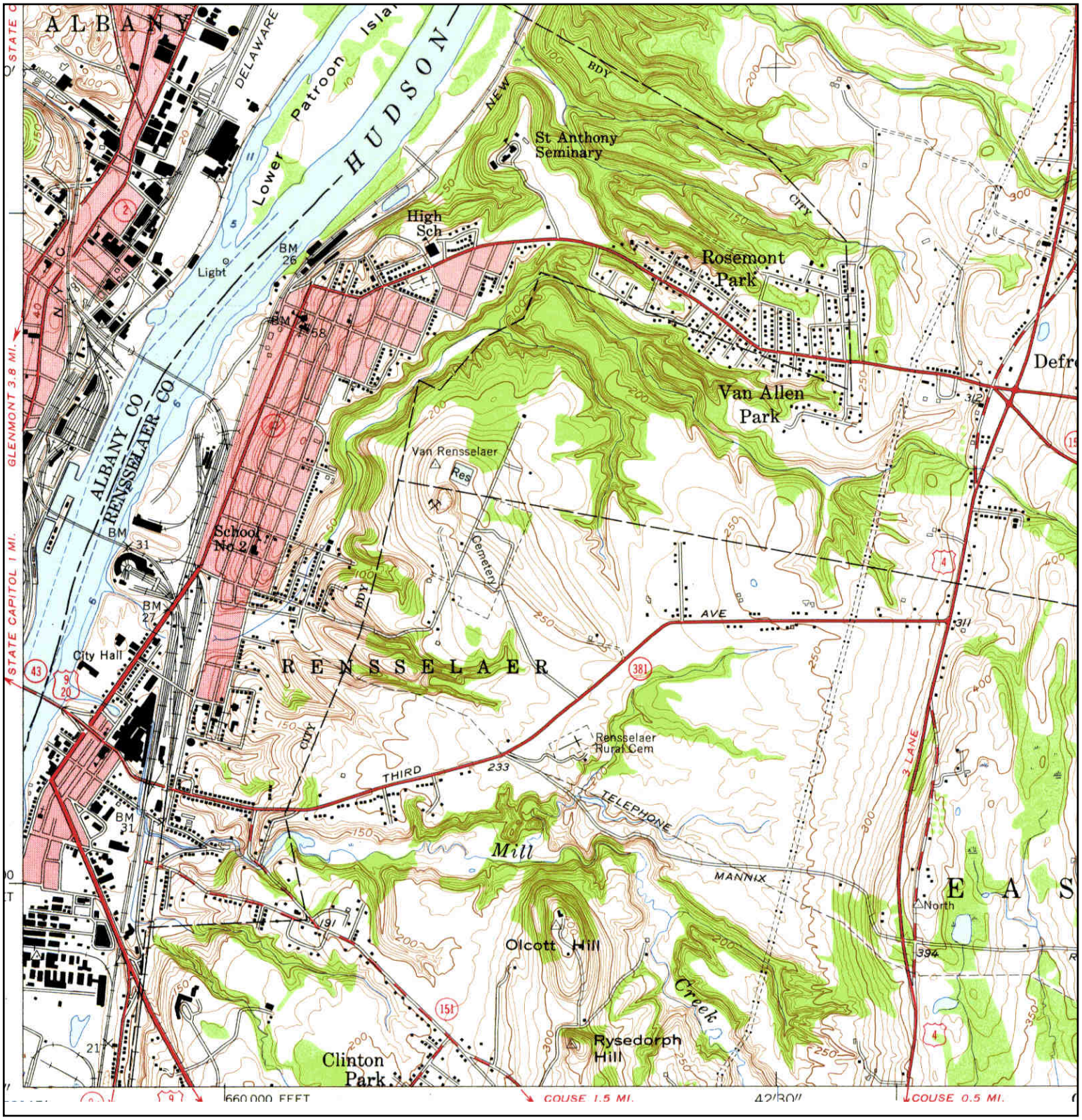
Historical Topographic Map

N	TARGET QUAD NAME: TROY MAP YEAR: 1928 SERIES: 15 SCALE: 1:62500	SITE NAME: 824 Broadway and N of 1 Partition St ADDRESS: 824 Broadway Rensselaer, NY 12144 LAT/LONG: 42.6465 / -73.7396	CLIENT: ARCADIS, U.S. Inc. CONTACT: Alina Walcek INQUIRY#: 3321801.4 RESEARCH DATE: 05/11/2012

Historical Topographic Map

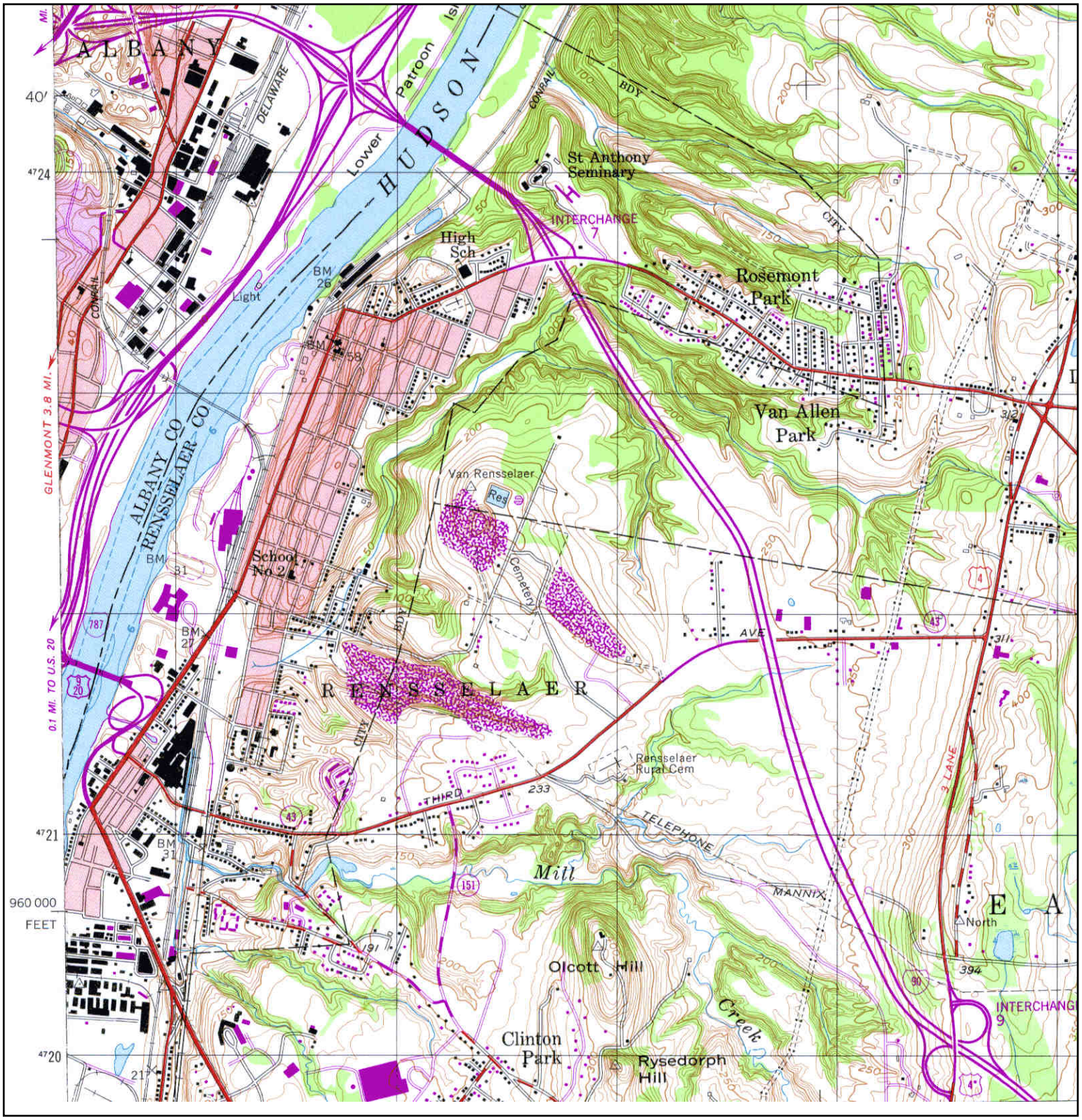
N	TARGET QUAD		SITE NAME:	824 Broadway and N of 1 Partition St	CLIENT:	ARCADIS, U.S. Inc.
	NAME:	TROY			CONTACT:	Alina Walcek
	MAP YEAR:	1950	ADDRESS:	824 Broadway Rensselaer, NY 12144	INQUIRY#:	3321801.4
	SERIES:	15	LAT/LONG:	42.6465 / -73.7396	RESEARCH DATE:	05/11/2012
	SCALE:	1:62500				

Historical Topographic Map



N	TARGET QUAD NAME: TROY SOUTH MAP YEAR: 1953 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 824 Broadway and N of 1 Partition St ADDRESS: 824 Broadway Rensselaer, NY 12144 LAT/LONG: 42.6465 / -73.7396	CLIENT: ARCADIS, U.S. Inc. CONTACT: Alina Walcek INQUIRY#: 3321801.4 RESEARCH DATE: 05/11/2012

Historical Topographic Map



N	TARGET QUAD NAME: TROY SOUTH MAP YEAR: 1980 PHOTOREVISED FROM :1953 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 824 Broadway and N of 1 Partition St ADDRESS: 824 Broadway Rensselaer, NY 12144 LAT/LONG: 42.6465 / -73.7396	CLIENT: ARCADIS, U.S. Inc. CONTACT: Alina Walcek INQUIRY#: 3321801.4 RESEARCH DATE: 05/11/2012

ARCADIS

Appendix **G**

City Directories

824 Broadway and N of 1 Partition St
824 Broadway
Rensselaer, NY 12144

Inquiry Number: 3337445.1
June 20, 2012

The EDR-City Directory Image Report

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2002	☐	☑	City's City Directory
1995	☑	☑	City's City Directory
1990	☑	☑	City's City Directory
1973	☑	☑	City's City Directory

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FINDINGS

TARGET PROPERTY STREET

824 Broadway
Rensselaer, NY 12144

Year	*CD Image*	*Source*
Broadway		
2002	-	City's City Directory
1995	pg A1	City's City Directory
1990	pg A2	City's City Directory
1973	pg A3	City's City Directory

FINDINGS

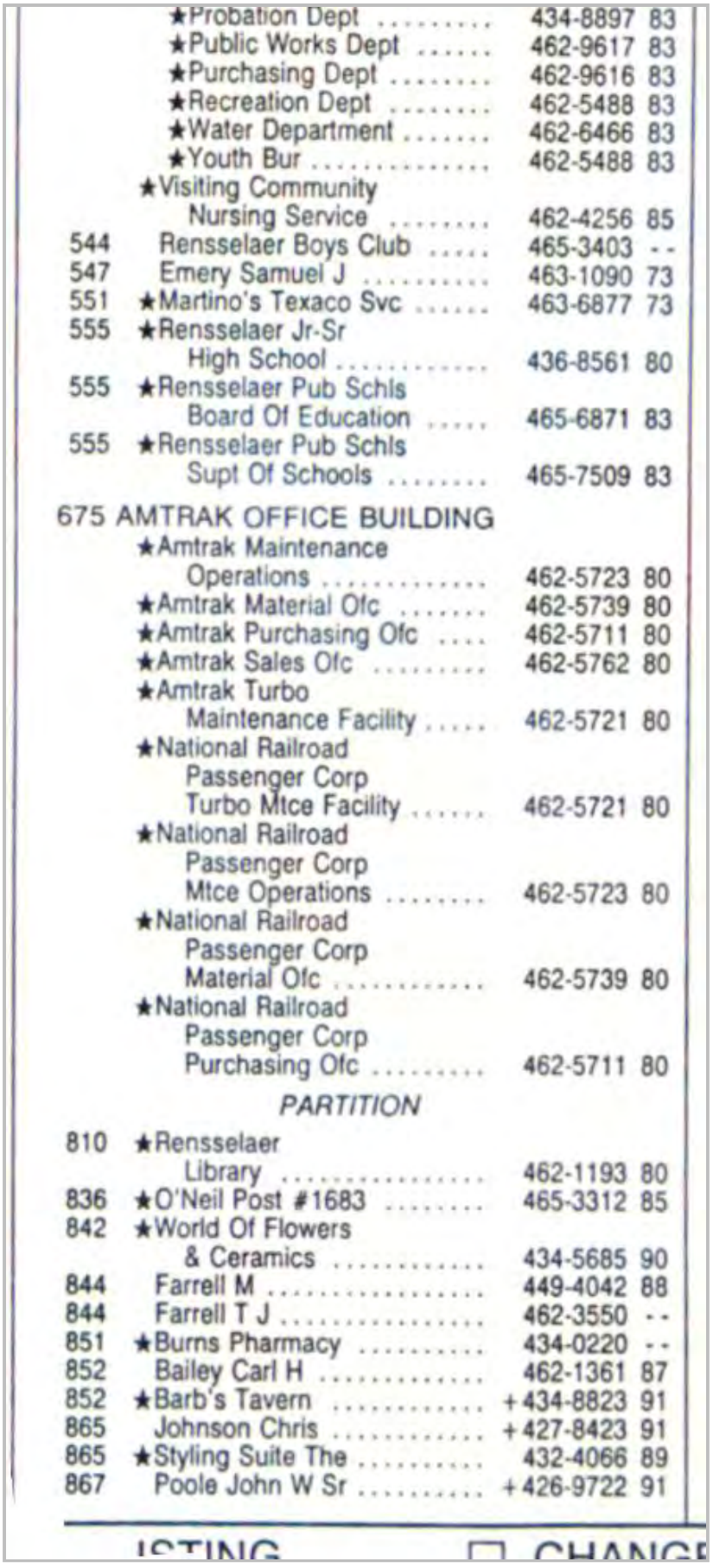
CROSS STREETS

Year	*CD Image*	*Source*
Partition Street		
2002	pg. A4	City's City Directory
1995	pg. A5	City's City Directory
1990	pg. A6	City's City Directory
1973	pg. A7	City's City Directory

City Directory Images

Target Street	Cross Street	Source
✓	-	City's City Directory

Broadway 1995

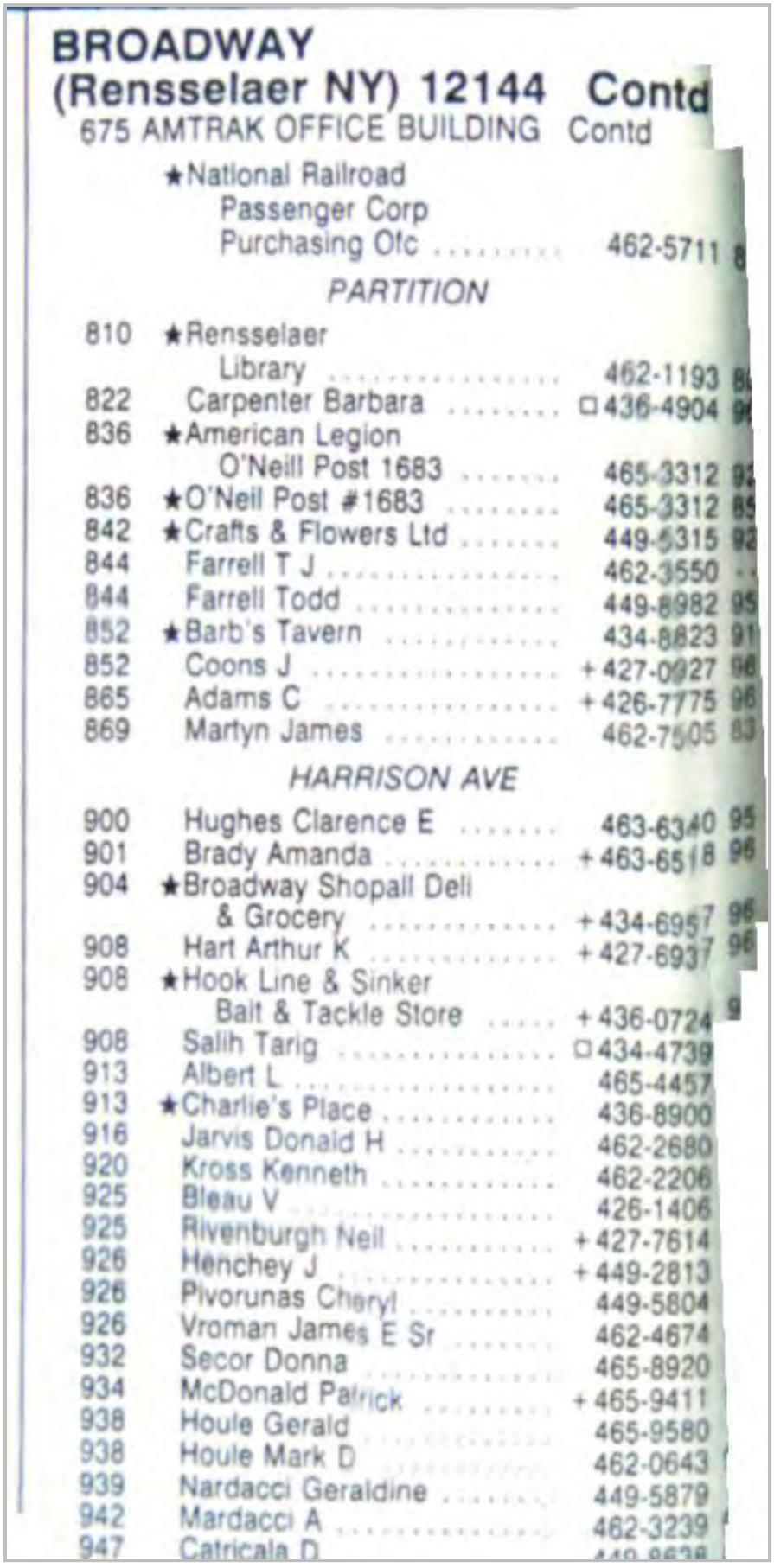


	★Probation Dept	434-8897 83
	★Public Works Dept	462-9617 83
	★Purchasing Dept	462-9616 83
	★Recreation Dept	462-5488 83
	★Water Department	462-6466 83
	★Youth Bur	462-5488 83
	★Visiting Community Nursing Service	462-4256 85
544	Rensselaer Boys Club	465-3403 --
547	Emery Samuel J	463-1090 73
551	★Martino's Texaco Svc	463-6877 73
555	★Rensselaer Jr-Sr High School	436-8561 80
555	★Rensselaer Pub Schls Board Of Education	465-6871 83
555	★Rensselaer Pub Schls Supt Of Schools	465-7509 83
675	AMTRAK OFFICE BUILDING	
	★Amtrak Maintenance Operations	462-5723 80
	★Amtrak Material Ofc	462-5739 80
	★Amtrak Purchasing Ofc	462-5711 80
	★Amtrak Sales Ofc	462-5762 80
	★Amtrak Turbo Maintenance Facility	462-5721 80
	★National Railroad Passenger Corp Turbo Mtce Facility	462-5721 80
	★National Railroad Passenger Corp Mtce Operations	462-5723 80
	★National Railroad Passenger Corp Material Ofc	462-5739 80
	★National Railroad Passenger Corp Purchasing Ofc	462-5711 80
	PARTITION	
810	★Rensselaer Library	462-1193 80
836	★O'Neil Post #1683	465-3312 85
842	★World Of Flowers & Ceramics	434-5685 90
844	Farrell M	449-4042 88
844	Farrell T J	462-3550 --
851	★Burns Pharmacy	434-0220 --
852	Bailey Carl H	462-1361 87
852	★Barb's Tavern	+434-8823 91
865	Johnson Chris	+427-8423 91
865	★Styling Suite The	432-4066 89
867	Poole John W Sr	+426-9722 91

ISTING ☐ CHANGE

Target Street	Cross Street	Source
✓	-	City's City Directory

Broadway 1990



BROADWAY
(Rensselaer NY) 12144 Contd

675 AMTRAK OFFICE BUILDING Contd

★National Railroad Passenger Corp Purchasing Ofc 462-5711

PARTITION

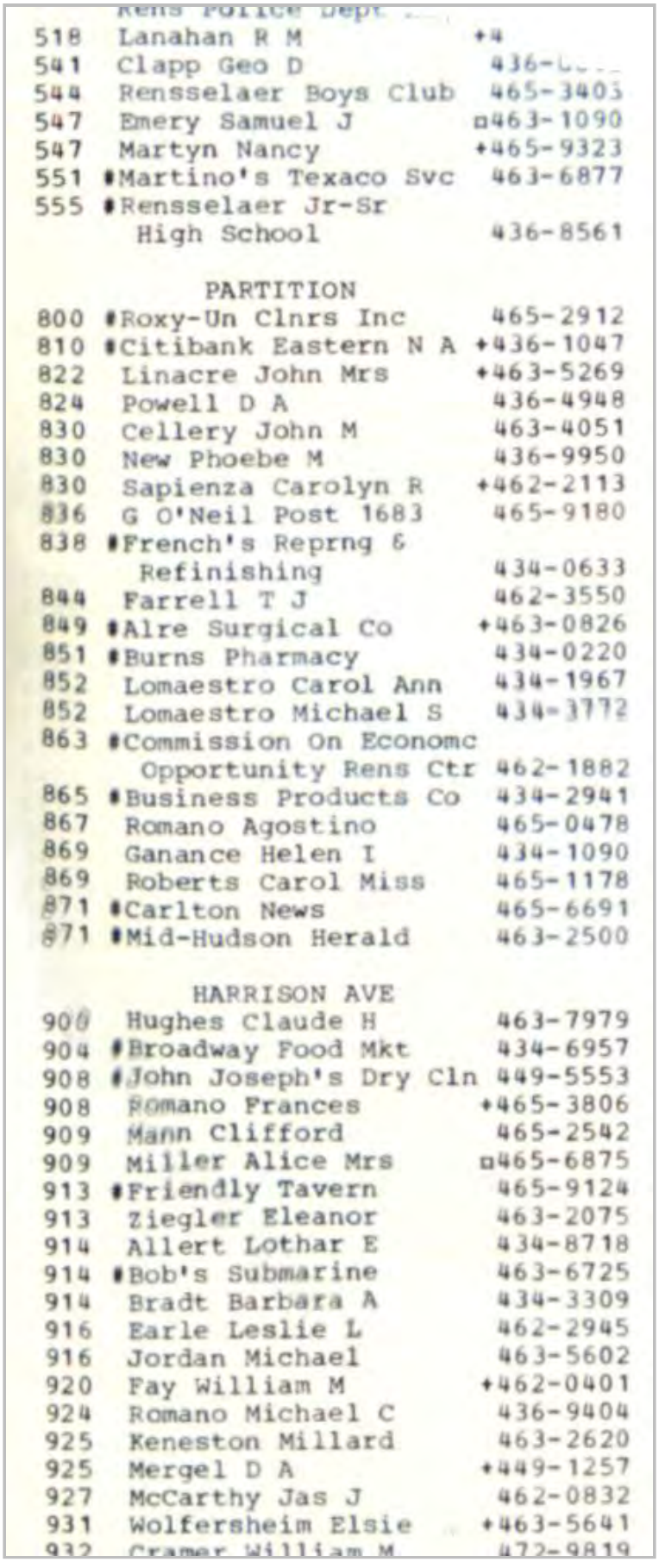
810	★Rensselaer Library	462-1193
822	Carpenter Barbara	□436-4904
836	★American Legion O'Neill Post 1683	465-3312
836	★O'Neil Post #1683	465-3312
842	★Crafts & Flowers Ltd	449-5315
844	Farrell T J	462-3550
844	Farrell Todd	449-8982
852	★Barb's Tavern	434-8823
852	Coons J	+427-0927
865	Adams C	+426-7775
869	Martyn James	462-7505

HARRISON AVE

900	Hughes Clarence E	463-6340
901	Brady Amanda	+463-6518
904	★Broadway Shopall Deli & Grocery	+434-6957
908	Hart Arthur K	+427-6937
908	★Hook Line & Sinker Bait & Tackle Store	+436-0724
908	Salih Tarig	□434-4739
913	Albert L	465-4457
913	★Charlie's Place	436-8900
916	Jarvis Donald H	462-2680
920	Kross Kenneth	462-2206
925	Bleau V	426-1406
925	Rivenburgh Neil	+427-7614
926	Henchey J	+449-2813
926	Pivorunas Cheryl	449-5804
926	Vroman James E Sr	462-4674
932	Secor Donna	465-8920
934	McDonald Patrick	+465-9411
938	Houle Gerald	465-9580
938	Houle Mark D	462-0643
939	Nardacci Geraldine	449-5879
942	Mardacci A	462-3239
947	Catricala D	

Target Street	Cross Street	Source
✓	-	City's City Directory

Broadway 1973



Rens Police Dept

518 Lanahan R M +4
541 Clapp Geo D 436-[illegible]
544 Rensselaer Boys Club 465-3403
547 Emery Samuel J ◻463-1090
547 Martyn Nancy +465-9323
551 #Martino's Texaco Svc 463-6877
555 #Rensselaer Jr-Sr High School 436-8561

PARTITION

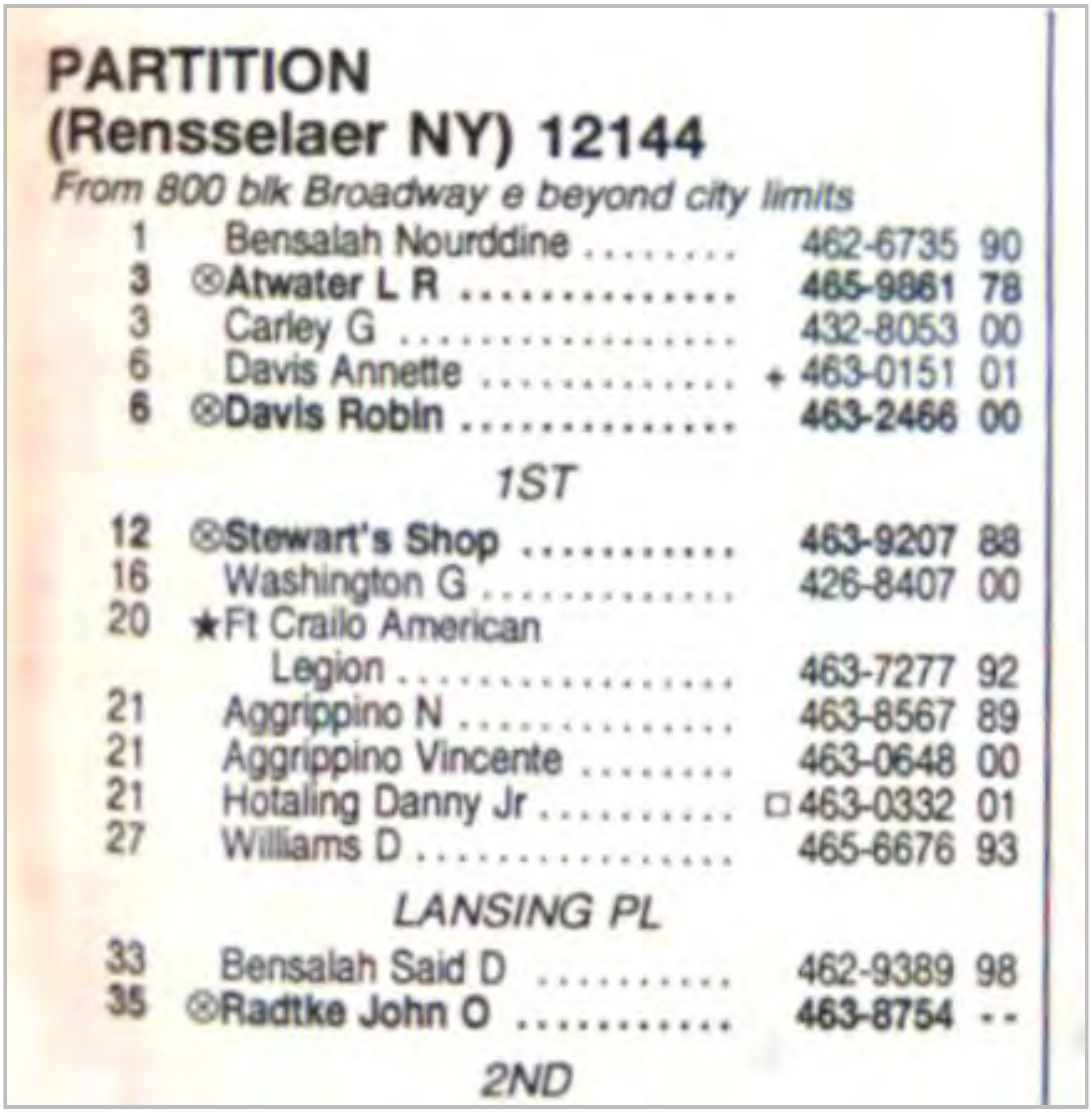
800 #Roxy-Un Clnrs Inc 465-2912
810 #Citibank Eastern N A +436-1047
822 Linacre John Mrs +463-5269
824 Powell D A 436-4948
830 Cellery John M 463-4051
830 New Phoebe M 436-9950
830 Sapienza Carolyn R +462-2113
836 G O'Neil Post 1683 465-9180
838 #French's Reprng & Refinishing 434-0633
844 Farrell T J 462-3550
849 #Alre Surgical Co +463-0826
851 #Burns Pharmacy 434-0220
852 Lomaestro Carol Ann 434-1967
852 Lomaestro Michael S 434-3772
863 #Commission On Economc Opportunity Rens Ctr 462-1882
865 #Business Products Co 434-2941
867 Romano Agostino 465-0478
869 Ganance Helen I 434-1090
869 Roberts Carol Miss 465-1178
871 #Carlton News 465-6691
871 #Mid-Hudson Herald 463-2500

HARRISON AVE

900 Hughes Claude H 463-7979
904 #Broadway Food Mkt 434-6957
908 #John Joseph's Dry Cln 449-5553
908 Romano Frances +465-3806
909 Mann Clifford 465-2542
909 Miller Alice Mrs ◻465-6875
913 #Friendly Tavern 465-9124
913 Ziegler Eleanor 463-2075
914 Allert Lothar E 434-8718
914 #Bob's Submarine 463-6725
914 Bradt Barbara A 434-3309
916 Earle Leslie L 462-2945
916 Jordan Michael 463-5602
920 Fay William M +462-0401
924 Romano Michael C 436-9404
925 Keneston Millard 463-2620
925 Mergel D A +449-1257
927 McCarthy Jas J 462-0832
931 Wolfersheim Elsie +463-5641
932 Cramer William M 472-9819

Target Street	Cross Street	Source
-	✓	City's City Directory

Partition Street 2002



PARTITION
(Rensselaer NY) 12144

From 800 blk Broadway e beyond city limits

1	Bensalah Nourddine	462-6735	90
3	⊗**Atwater L R**	**465-9861**	**78**
3	Carley G	432-8053	00
6	Davis Annette	✦ 463-0151	01
6	⊗**Davis Robin**	**463-2466**	**00**

1ST

12	⊗**Stewart's Shop**	**463-9207**	**88**
16	Washington G	426-8407	00
20	★Ft Crailo American Legion	463-7277	92
21	Aggrippino N	463-8567	89
21	Aggrippino Vincente	463-0648	00
21	Hotaling Danny Jr	□ 463-0332	01
27	Williams D	465-6676	93

LANSING PL

33	Bensalah Said D	462-9389	98
35	⊗**Radtke John O**	**463-8754**	--

2ND

Target Street	Cross Street	Source
-	✓	City's City Directory

Partition Street 1995

PARTITION
(Rensselaer NY) 12144

From 800 blk Broadway e beyond city limits

1	Bensalah Nourddine	462-6735 90
1	Budesheim Stephen	+426-1047 91
1	Collins Dale	432-6594 90
1	Deitz Frank	432-8798 89
1	Fosby Beth	+426-5202 91
3	Atwater L R	465-9861 78
3	Catalano G M	432-8053 90
3	Hilstro Dacinda	+432-8761 91

EAST

1ST

12	★Stewart's Shop	463-9207 88
16	Burnham John H	+432-0753 91
18	Bauer James	+432-9330 91
20	★Ft Crailo Amer Legion	463-7277 83
21	Aggrippino N	463-8567 89
21	Baker David	426-5767 90
25	Arrington S	462-0197 89
25	Leigh Anthony L	+427-6871 91
27	Williams Arthur J	465-6676 87

LANSING PL

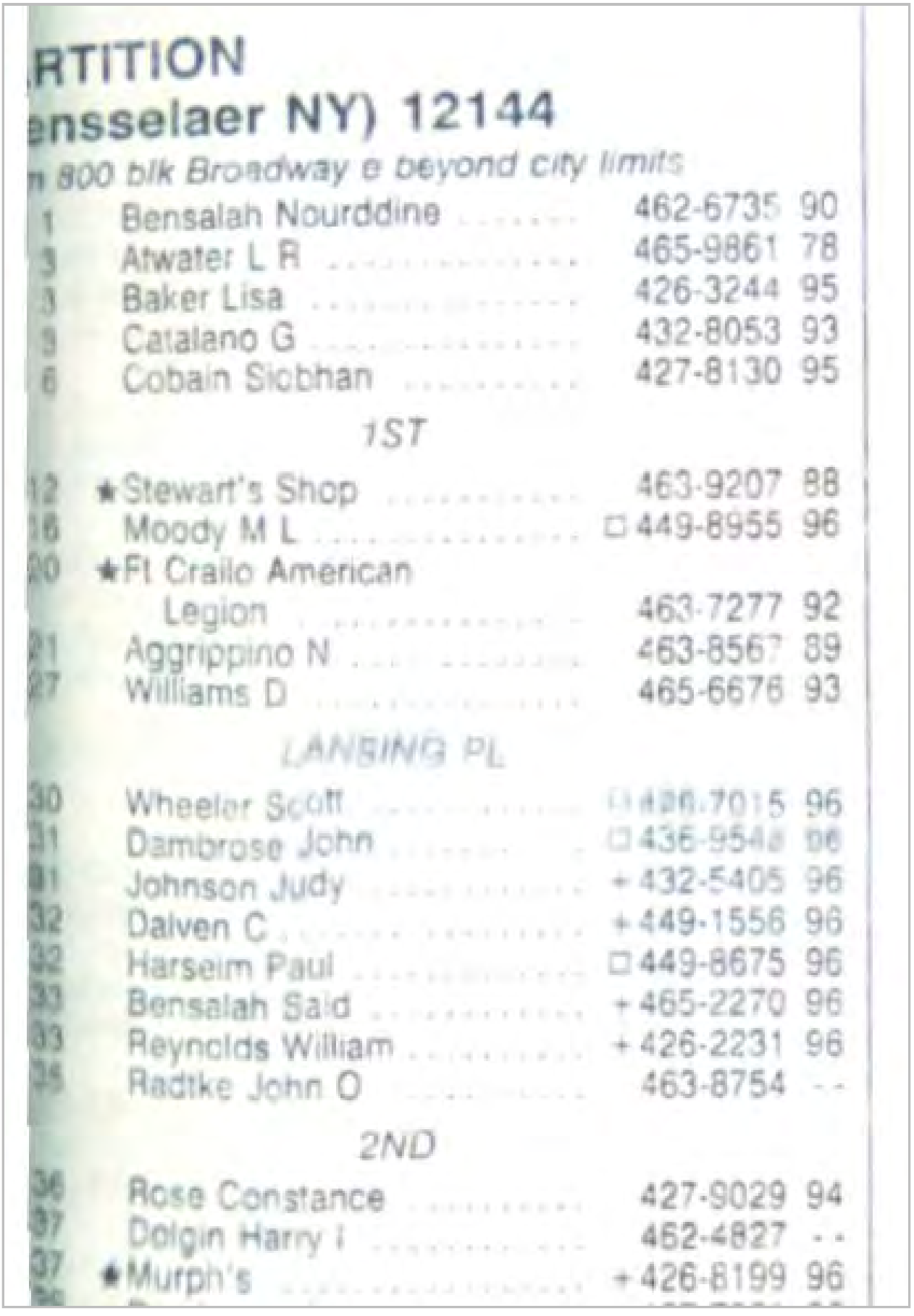
30	Fafard J	436-9641 88
31	Giel Jos C	434-8856 --
32	Perez D	462-2004 86
33	Hulsopple Ken	432-7626 90
33	Zoller Steve F	□427-0934 91
35	Radtke John O	463-8754 --

2ND

36	Rose Tom	436-1704 86
37	Dolgin Harry I	462-4827 --
37	Murphys	434-4983 83
39	Houle I	436-8078 89
39	LaMountain John	426-4948 90

Target Street	Cross Street	Source
-	✓	City's City Directory

Partition Street 1990



RTITION

ensselaer NY) 12144

n 800 blk Broadway e beyond city limits

1	Bensalah Nourddine	462-6735	90
3	Atwater L R	465-9861	78
3	Baker Lisa	426-3244	95
3	Catalano G	432-8053	93
6	Cobain Siobhan	427-8130	95
	1ST		
12	★Stewart's Shop	463-9207	88
16	Moody M L	□449-8955	96
20	★Ft Crailo American Legion	463-7277	92
21	Aggrippino N	463-8567	89
27	Williams D	465-6676	93
	LANSING PL		
30	Wheeler Scott	□436-7015	96
31	Dambrose John	□436-9548	96
31	Johnson Judy	+432-5405	96
32	Dalven C	+449-1556	96
32	Harseim Paul	□449-8675	96
33	Bensalah Said	+465-2270	96
33	Reynolds William	+426-2231	96
35	Radtke John O	463-8754	--
	2ND		
36	Rose Constance	427-9029	94
37	Dolgin Harry I	462-4827	--
37	★Murph's	+426-8199	96

Target Street	Cross Street	Source
-	✓	City's City Directory

Partition Street 1973

ARTITION (Rensselaer NY) 12144

rom 800 blk Broadway e beyond city limits

BROADWAY

1	Bridgeford Thomas P	436-1538
1	#Hickey & Connolly rl est & insurance	465-1816
1	#Johnson Liquor Str	465-2554
1	#Leffler John A rl est	472-9440
1	Lifite M Mrs	465-6872
3	Calamaras George Jr	+436-0411
3	#Sherwood J C frl dir	465-1191

EAST

PROSPECT

16	Smith Mary L Mrs	465-0238
18	Morocco John J	465-0369

1ST

20	Fort Cralo Post #471	463-9163
20	#US Army Recruitg Sta	+465-3104

LANSING PL

21	Hulsopple I M	+463-7517
21	Pacyna Joseph	436-4551
21	#VanDyk L hrdwr	463-5032
30	Fafard Rene	434-0304
30	Sullivan Donald J	+465-2654
31	Giel Jos C	438-8856

ARCADIS

Appendix **H**

Sanborn Maps

ARCADIS
Infrastructure · Water · Environment · Buildings

Imagine the result

City of Rensselaer

Phase II Environmental Site Assessment Report

824 Broadway and (North of) 1 Partition Street

USEPA BROWNFIELDS HAZARDOUS SUBSTANCES ASSESSMENT GRANT ASSISTANCE ID
No. BF-97249507-0

August 2, 2013

ARCADIS

Bruce R. Nelson, C.P.G.
Vice President

Christine Thomas
Geologist

Phase II Environmental Site Assessment Report

824 Broadway and (North of) 1 Partition Street

Prepared for:
City of Rensselaer

Prepared by:
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Suite 210
Clifton Park
New York 12065
Tel 518 250 7300
Fax 518 250 7301

Our Ref.:
05608003.0000

Date:
August 2, 2013

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Figure 2 Groundwater Elevations

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A Boring Logs and Monitoring Well Construction Logs

B Site Photographs

C Groundwater Purge Logs

D Waste Disposal Manifests

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Executive Summary

To evaluate three recognized environmental conditions identified in the Phase I Environmental Site Assessment, a Phase II Environmental Site Assessment was conducted at the 824 Broadway and (North of) 1 Partition Street site in Rensselaer, New York under a United States Environmental Protection Agency Brownfields Hazardous Substances Assessment Grant. The site consists of two parcels totaling approximately 0.09 acres. The site is currently vacant. Historically, a neighboring property was used as a dry cleaner.

The Phase II ESA includes soil, groundwater, soil vapor and ambient air sampling. Samples were collected on-site and off-site to evaluate potential contamination of the site. Results of the Phase II are summarized below.

- *824 Broadway – Volatile Organic Compounds (*VOCs) were not detected in soil or groundwater at concentrations exceeding standards. VOCs were detected in soil vapor and ambient air. No further action is recommended. If structures were constructed on the site, soil vapor intrusion monitoring or preventative controls may be required.

- *(North of) 1 Partition Street* – No impacted groundwater was identified on (North of) 1 Partition Street. No soil samples were collected from (North of) 1 Partition Street, but field screening with a PID did not detect impacted soil. Carbon tetrachloride and tetrachloroethene, two compounds commonly associated with dry cleaning solvents, were detected in soil vapor. No further action is recommended. If structures were constructed on the site, soil vapor intrusion monitoring or preventative controls may be required.

- *800 Broadway* – Tetrachloroethene was not detected at concentrations greater than 6 NYCRR Part 375 Soil Standards in surface soil samples collected inside the building at 800 Broadway. The sub-slab soil vapor and indoor air samples collected from 800 Broadway contained tetrachloroethene at concentrations that requires mitigation under the NYSDOH soil vapor/ indoor air matrices.

- *810 Broadway* – No VOCs were detected in the groundwater sump sample collected from 810 Broadway. The sub-slab soil vapor and indoor air sample collected at 810 Broadway contained concentrations of tetrachloroethene at concentrations that require monitoring under the NYSDOH soil vapor/indoor air matrices.

- *City Right of Way* – The groundwater sample collected at monitoring well MW-05 contained contaminants associated with chemicals historically used at dry cleaning facilities at concentrations greater than NYSDEC Class GA Standards. VOCs measured at monitoring well MW-4 did not exceed NYSDEC Class GA Standards. A groundwater sample could not be collected from

monitoring well MW-3 because the well was dry. VOCs associated with historic dry cleaning chemicals were measured in soil vapor samples collected within the City right of way. Soil samples collected from within the City right of way did not contain VOCs at concentrations that exceeded 6 NYCRR Part 375 Standards.

1. Introduction

The City of Rensselaer, New York (City) received a grant (ID: BF-97249507-0) under the United States Environmental Protection Agency's (USEPA) Brownfields Assessment Program to support economic development in the City through the identification, assessment, and redevelopment of Brownfield properties. This report summarizes the results of the Phase II Environmental Site Assessment (ESA) conducted at 824 Broadway and (North of) 1 Partition Street (site) with the objective of assessing recognized environmental conditions identified in the Phase I ESA conducted at the site in September 2012.

2. Site Description and Background

2.1 Site Location and Description

The site consists of two parcels in the central part of the City, approximately 1,300 feet east of the Hudson River, and is owned by the City. The addresses associated with the site as described in the 2012 City tax parcels are 824 Broadway and (North of) 1 Partition Street. The site totals approximately 0.09 acres, and is zoned as vacant land in a residential area. Neither of the site properties is developed. The property at (North of) 1 Partition Street consists of mostly grassy land that has a gentle downward slope to the north. The property at 824 Broadway consists of generally flat land with a slight downward slope to the west. The western portion of 824 Broadway is primarily covered with gravel and the eastern portion is primarily covered with vegetation.

Identified below are descriptions of land and land uses immediately adjacent to the 824 Broadway parcel. The 824 Broadway parcel is bordered to the west by Broadway, beyond which are railroad tracks and the Hudson River. To the east the property is bordered by the private garage to 1 Partition Street. To the north the property is bordered by a building occupied by American Legion Post, and to the south the property is bordered by 810 Broadway, which was the former City of Rensselaer Library and is currently vacant.

The land and land use immediately adjacent to the (North of) 1 Partition Street parcel includes the building at 800 Broadway, which appears to be vacant, to the west. To the east, (North of) 1 Partition Street is bordered by a multi-family dwelling. To the south the property is bordered by the former Roxy Dry Cleaners building, and to the north the property is bordered by vacant land associated with 810 Broadway (**Figure 1**).

The Phase I ESA conducted at the site (ARCADIS, 2012) identified evidence of recognized environmental conditions associated with the site as defined by the American Society for Testing and Materials (ASTM) Standard E 1527-05 guideline for Phase I ESAs. Recognized environmental conditions (RECs) identified in the Phase I ESA include:

- The historical use of 800 Broadway as Roxy Cleaners from at least 1958 to 1978;
- The historical use of 908 Broadway as John Joseph's Dry Cleaning; and
- A petroleum release at the Stewart's at 12 Partition Street that was not closed to meet standards.

2.2 Geology/Hydrology

Surficial geology on the site is mapped as alluvium or recent deposits (Cadwell et al., 1986). These deposits generally are confined to floodplains within a valley, consisting of oxidized, non-calcareous, fine sand to gravel and may be overlain by silt. Based on the United States Department of Agriculture (USDA) Soil Conservation Service and the National Cooperative Soil Service (NCSS) soil survey for Rensselaer County, New York, the soils within the general vicinity of the site consist of moderately well drained silt loam.

Bedrock was not encountered during drilling conducted during the Phase II ESA. Based on this information, the depth to bedrock at the site is greater than 21 feet below ground surface (bgs). Unconsolidated materials observed during the Phase II ESA generally included sand, silty sand, and clay. Based upon regional mapping, the site is underlain by Ordovician Canajoharie Shale (Fisher et al., 1970). Soil boring logs are presented in **Appendix A**. Based on water level measurements during the Phase II investigation (**Table 1**), shallow groundwater flow at the site is to the north to northwest (**Figure 2**).

3. Site Investigation

The scope of work for the Phase II ESA was designed to assess environmental media at the site that may have been affected or potentially will be affected in the future by the past site uses or past uses of adjacent properties. The investigation was conducted in accordance with the USEPA-approved Quality Assurance Project Plan (QAPP)

(ARCADIS, 2013). The scope of work included: surface soil sampling; subsurface soil sampling; sump groundwater sampling; the installation, development and sampling of monitoring wells; indoor air sampling; outdoor air sampling; sub-slab air sampling; and soil vapor sampling. Photographs of site activities are provided in **Appendix B**. A New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) and New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP)-approved analytical laboratory analyzed samples collected during the investigation. ASP Category B data packages were produced for each sample. A Data Usability Summary Report (DUSR) was prepared by a third party data validator for the analytical data to ensure that the quality of the data was sufficient to characterize site conditions. The DUSR is provided in **Appendix E**. Laboratory analytical reporting forms are provided in **Appendix F**.

4. Sampling and Laboratory Results

From April 11 through April 16, 2013 ARCADIS of New York, Inc. (ARCADIS) was on-site with Aquifer Drilling and Testing (ADT) to install groundwater monitoring wells and collect subsurface soil samples. Wells were developed on April 18, April 19, and May 29, 2013. On April 15, April 23, and June 12, 2013, ARACDIS was on-site to collect groundwater samples. ARCADIS collected soil vapor and ambient air samples on April 22 and May 29, 2013. Samples were collected at four properties (800 Broadway, 810 Broadway, 824 Broadway and (North of) 1 Partition Street) and in the City right of way (ROW). Monitoring well and soil vapor point locations were selected on each side of 800 Broadway, which was Roxy Dry Cleaners. Since there are currently no buildings on the site, sub-slab vapor samples and indoor air samples were collected from 810 Broadway and 800 Broadway. The sampling results on the City right of way, 800 Broadway and 810 Broadway will have implications for the end use of the site. Off-site samples were collected to investigate if contaminants could potentially affect the site in the future.

Sample collection and handling activities were conducted in general accordance with the QAPP. Soil and groundwater samples were sent under chain of custody to Chemtech Environmental Laboratory (Chemtech) of Mountainside, New Jersey. Soil results are shown in **Table 2**. Groundwater results are shown in **Tables 3** and **4**. Air samples were sent under chain of custody to ALS Environmental Laboratories of Simi Valley, California. Air sample results are shown in **Table 5**.

4.1 Surface Soil Sampling

As shown on **Figure 3**, two surface soil samples (BRO-SS-01 and BRO-SS-02) were collected from beneath the floor, in areas where the concrete floor had previous been removed, in the building at 800 Broadway to evaluate potential contaminants associated with the former use of the property as a dry cleaners. Surface soil samples were collected from the southwest and northeast corners of the concrete foundation that formerly held dry cleaning equipment. Surface soil was analyzed for TCL VOCs by USEPA Method 8260C.

4.2 Surface Soil Results

No VOCs were detected at concentrations greater than 6 NYCRR Part 375 Unrestricted Use (Unrestricted Use) or 6 NYCRR Part 375 Commercial Use (Commercial Use) Standards, as shown in **Table 2**.

4.3 Subsurface Soil Sampling

Soil borings were advanced at (North of) 1 Partition Street (MW-01), 824 Broadway (MW-02), and in the City ROW (MW-03 through MW-05) to evaluate if potential contaminants associated with the historical use of 800 Broadway as Roxy Dry Cleaners has impacted the site or could impact the site in the future. Soil boring MW-02 also was advanced to investigate potential effects associated with the historical use of 908 Broadway as a dry cleaner. Soil samples from MW-04 and MW-05 were also analyzed to evaluate the petroleum release that was closed without meeting standards at the Stewart's shop approximately 250 southeast of the site. Soil samples from MW-01 (BRO-SB-01) and MW-03 through MW-05 (BRO-SB-03 through BRO-SB-05) were analyzed for TCL VOCs by USEPA method 8260C.

4.4 Subsurface Soil Results

No VOCs were detected at soil borings advanced at (North of) 1 Partition Street, 824 Broadway, or on the City ROW at concentrations greater than Unrestricted Use or Commercial Use Standards, as shown in **Table 2**.

4.5 Groundwater Sampling

The five soil borings (MW-01 through MW-05) were completed as monitoring wells (**Figure 3**). Groundwater samples from each monitoring well (BRO-MW-01 and BRO-

GW-02 through BRO-GW-05) were analyzed for TCL VOCs by USEPA method 8260C. A groundwater sample could not be collected from MW-03 because the well was dry. The groundwater sample from MW-05 (BRO-GW-05) was also analyzed for TCL SVOCs by USEPA method 8270D. Groundwater sampled from monitoring well MW-04 could not be analyzed for SVOCs due limited water volume in the well. A groundwater sample (BRO-GW-01) from the sump in the sub-basement of 810 Broadway was collected and analyzed for TCL VOCs by USEPA method 8260C.

4.6 Groundwater Results

Cis-1,2-dichloroethene (25.3 micrograms per liter [µg/l]), tetrachloroethene (PCE) (54.9 µg/l), trichloroethene (TCE) (36.8 µg/l) and vinyl chloride (2.2 µg/l) were detected in groundwater sampled from monitoring well MW-05 (BRO-GW-05) at concentrations that exceeded the NYSDEC Class GA Standards of 5 µg/l for cis-1,2-dichlorethene, PCE and TCE, and 2 µg/l for vinyl chloride. VOCs were not detected at concentrations exceeding NYSDEC Class GA Standards in groundwater sampled from MW-01, MW-02, and MW-04 or in the groundwater sump sample.

4.7 Air Sampling

Soil vapor, sub-slab vapor, indoor air, and ambient air samples were collected on-site and off-site at the locations shown in **Figure 3** to evaluate potential exposures resulting from chlorinated VOCs in soil and groundwater in the vicinity of the site. Soil vapor samples were collected over a one-hour collection period and analyzed for VOCs by USEPA method TO-15. Sub-slab soil vapor samples were collected from just below the building slab of the buildings at 810 Broadway (BRO-SV-06) and 800 Broadway (SV-01 800 Broadway). Soil vapor samples were collected from five locations (BRO-SV-01 through BRO-SV-05). Soil vapor points were installed at depths ranging from 5.5 feet bgs to nine feet bgs. Two outdoor ambient air samples and three indoor air samples were collected to establish background values for local ambient air quality. Indoor air and ambient air samples were collected concurrently with the collection of soil vapor samples. The ambient air samples (BRO-AA-01 and BRO-AA-02) were collected on the eastern portion of the site, furthest from adjacent roads.

4.8 Air Results

Indoor air and ambient air sampling results are provided in **Table 5**. Compounds regulated by the NYSDOH include carbon tetrachloride, 1,1- dichloroethene, cis-1,2-dichloroethene, tetrachloroethene (PCE), 1,1,1-trichloroethane, trichloroethene (TCE)

and vinyl chloride. Of these compounds, cis-1,2-dichloroethene, TCE and vinyl chloride are degradation products of PCE, which was historically used in dry cleaning processes. These compounds are discussed where appropriate below.

4.8.1 824 Broadway

Carbon tetrachloride (0.48 µg/m^3) was detected in ambient air sample BRO-AA-01. 1,1,1-trichloroethane (0.21 µg/m^3), PCE (11 µg/m^3) and TCE (1.3 µg/m^3) were detected in the soil vapor sample from 824 Broadway (BRO-SV-02).

4.8.2 (North of) 1 Partition Street

Carbon tetrachloride (0.66 µg/m^3) and PCE (12 µg/m^3) were detected in the soil vapor sample BRO-SV-01.

4.8.3 810 Broadway

Carbon tetrachloride (0.50 µg/m^3) and PCE (1.4 µg/m^3) were detected in the indoor air sample collected at 810 Broadway (BRO-IA-01).

The sub-slab air sample collected inside 810 Broadway (BRO-SV-06) contained PCE (160 µg/m^3) at concentrations that exceed the New York State Department of Health (NYSDOH) mitigation guidance values. The PCE concentrations at BRO-SV-06 and BRO-IA-01 require monitoring under the NYSDOH soil vapor/indoor air matrices. Carbon tetrachloride (0.46 µg/l) and TCE (2.1 µg/l) were also detected at BRO-SV-06.

4.8.4 800 Broadway

Two indoor air samples were collected on separate dates inside 800 Broadway (BRO-IA-02). Carbon tetrachloride (0.54 µg/m^3 and 0.36 µg/m^3, on April 22 and May 29, 2013, respectively), and PCE (0.64 µg/m^3 and 1 µg/m^3, on April 22 and May 29, respectively) were detected.

One soil vapor sample (BRO-SV-01 800 Broadway) contained PCE at a concentration of 5,100 µg/m^3. The corresponding indoor air concentration was 1 µg/m^3. Under the NYSDOH guidelines, mitigation is required. TCE was also detected (30 µg/m^3) at BRO-SV-01 (800 Broadway). Carbon tetrachloride (0.46 µg/m^3), cis-1,2 dichloroethene (0.65 µg/l) and PCE (0.26 µg/m^3) were detected in ambient air sample BRO-AA-02.

4.8.5 City ROW

Soil vapor points BRO-SV-03 through BRO-SV-05 contained 1,1,1-trichloroethane at concentrations ranging from 0.21 µg/m^3 (BRO-SV-04) to 2.1 µg/m^3 (BRO-SV-05). Carbon tetrachloride was detected at BRO-SV-03 (0.16 µg/m^3). Cis-1,2-dichloroethene was detected at BRO-SV-04 (1.5 µg/m^3) and BRO-SV-05 (11 µg/m^3). PCE was detected at each City ROW soil vapor location, ranging from 41 µg/m^3 at BRO-SV-03 to 1,900 µg/m^3 at BRO-SV-05. TCE was detected at BRO-SV-04 (48 µg/m^3) and BRO-SV-05 (120 µg/m^3).

5. Data Validation

In accordance with the QAPP, data validation was performed for samples collected during the investigation. The DUSR is included in **Appendix E** and summarized below. Sample processing was generally conducted in compliance with the analytical protocol requirements and quality criteria. All data were classified as usable with some minor qualification.

5.1 Blind Field Duplicates

Blind field duplicate evaluations were performed on the BRO-SB-03 sample for soil, the BRO-MW-01 sample for groundwater, and the BRO-SV-02 sample for soil vapor. Blind field duplicate correlations for soil, groundwater, and air samples were within guidelines, with the following exceptions:

- Acetone and ethyl acetate at BRO-SV-2

These results were qualified as estimated in the parent sample and its associated duplicate.

5.2 VOCs

5.2.1 Soil

The calibration standard responses were acceptable with the exception of the following, which were qualified as estimated:

- 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, and 1,2-dibromo-3-chloropropane in BRO-SS-01, BRO-SS-02 and BRO-IDW;

- Methylene chloride and 1,2-dibromo-3-chloropropane in BRO-SB-4-5-7, BRO-SB-5-8-9, BRO-SB-DUP and BRO-SB-FB; and
- Cyclohexane in the samples collected on June 12, 2013.

Due to low recoveries in the associated laboratory control samples (LCSs), the following results were qualified as estimated:

- Methylene chloride in BRO-SS-01, BRO-SS-02 and BRO-IDW; and
- 1,2,3-trichlorobenzene in BRO-SB-4-5-7, BRO-SB-5-8-9, BRO-SB-DUP and BRO-SB-FB.

Tentatively identified compounds (TICs) that are identified with a CAS number should have been flagged as “N” by the laboratory to indicate a tentative identification.

5.2.2 Groundwater

The calibration standard responses were acceptable with the exception cyclohexane in the samples collected on June 12, 2013, which were qualified as estimated.

5.2.3 Air

The following detected results are qualified as tentative in identification and are qualified as estimated in value due to interferences in the mass spectra:

- 1,4-dichlorobenzene in BRO-SV-06
- Propene in BRO-IA-02
- Trichlorofluoromethane in BRO-SV-3
- 1,3-dichlorobenzene, 1,3-butadiene, chloroethane, trichlorofluoromethane, and 1,1,2-trichloroethane in BRO-SV-1

The following detected results were edited to non-detection due to poor mass spectral quality:

- Styrene, n-butyl acetate, 4-methyl-2-pentanone in BRO-SV-1
- 2-propanol, styrene, n-butyl acetate and n-hexane in BRO-SV-3

Methylene chloride detections in samples collected on May 29, 2013 are considered external contamination due to the presence of methylene chloride in the associated method blank. Those detections have been edited to reflect non-detection.

5.3 SVOCs

The result for pentachlorophenol in BRO-GW-5 was edited to non-detection due to non-subtractive mass spectral interferences. Calibration standards responses were acceptable with the exception of the response for 2,4-dinitrophenol, which was qualified as estimated in BRO-GW-05. The TIC that was flagged by the laboratory as "AB" is not to be considered a sample component because it is an extraction artifact.

6. Disposal of Investigation Derived Waste

Investigation derived wastes were handled in accordance with the NYSDEC Final TAGM for the Disposal of Drill Cuttings. Soil cuttings were containerized in U.N.-approved, 55-gallon steel drums. Containerized materials were labeled and staged at 824 Broadway. ARCADIS maintained a log of the container and its content, which was evaluated upon receipt of results of the analytical data obtained during field investigations for final removal and disposal. Based on analytical results (**Tables 3 and 6**), soil and groundwater were classified as non-hazardous waste and were removed from the site and disposed of on July 9, 2013. The waste disposal manifest is provided in **Appendix D**.

7. Conclusions

The Phase II ESA was conducted to evaluate recognized environmental conditions at the site, including two neighboring dry cleaners and a petroleum release that was not closed to meet standards. The Phase II ESA included soil, groundwater, ambient air, and soil vapor sampling on the site and around 800 Broadway, which was formerly a dry cleaners.

No impacted soil or groundwater was identified at 824 Broadway or (North of) 1 Partition Street. Off-site, at 800 Broadway, 810 Broadway and in the City right of way, contaminants associated with dry cleaners were detected in groundwater and soil vapor. VOCs and SVOCs were detected in groundwater sampled from monitoring well MW-05 at concentrations exceeding 6 NYCRR Part 703 Class GA Standards. Carbon tetrachloride and PCE were detected in ambient air at 824 Broadway, in the soil vapor sample from (North of) 1 Partition Street, and in indoor air from 810 Broadway. At 800 Broadway and 810 Broadway, PCE concentrations in sub-slab and indoor air samples required monitoring (810 Broadway) or mitigation (800 Broadway) under NYSDOH guidelines. VOCs associated with dry cleaning were found in each of the City right of way soil vapor samples. Based on the results of this Phase II ESA, no further action is

required for 824 Broadway or (North of) 1 Partition Street. If structures are built on the site, soil vapor intrusion monitoring may be required.

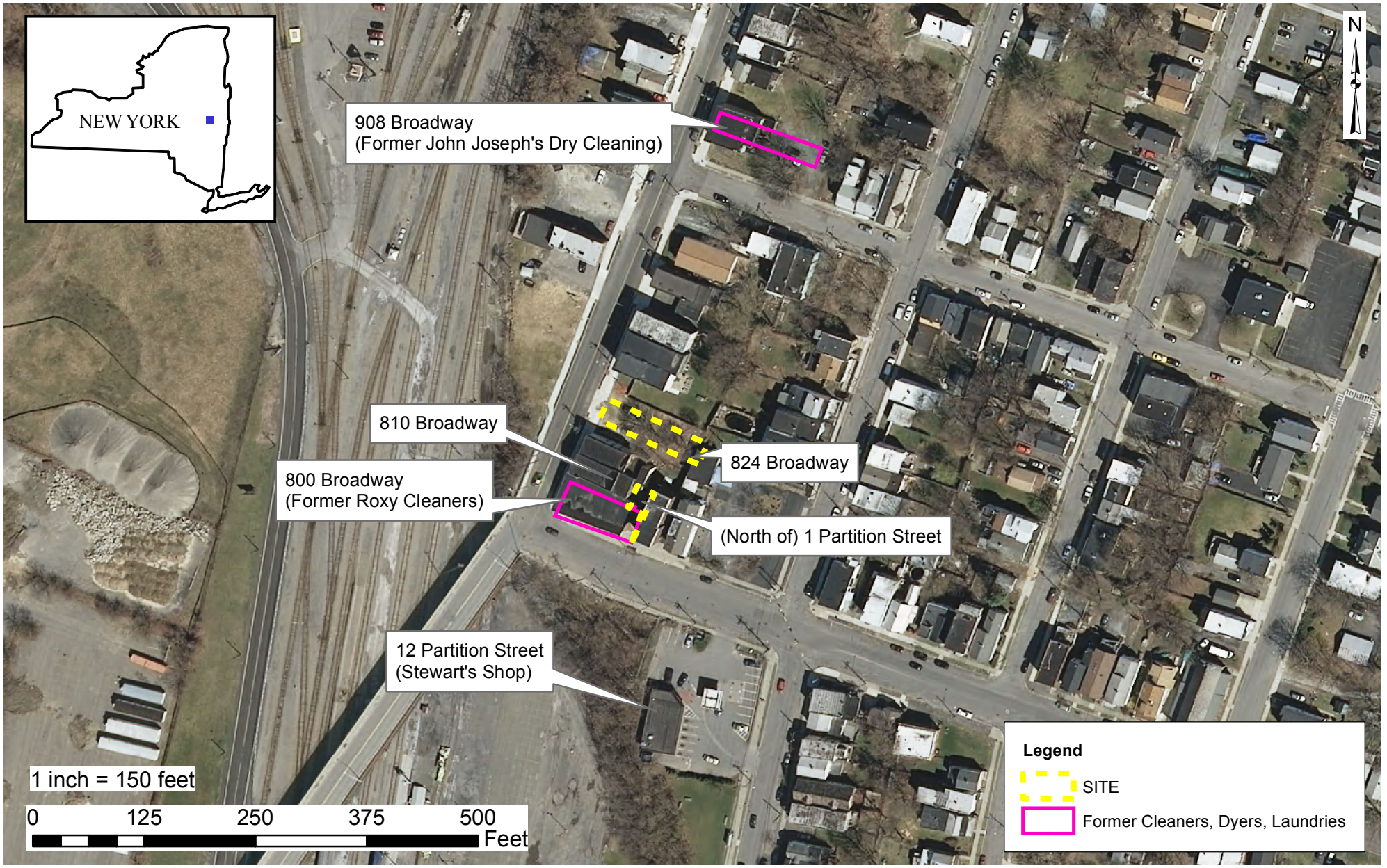
8. References

ARCADIS of New York, Inc., 2013, Quality Assurance Project Plan, 824 Broadway and (North of) 1 Partition Street, Rensselaer, New York, March 2013.

Cadwell, D.H. et. al., 1986, Ed. By Cadwell, D.H. and R.J. Dineen, 1987. Surficial Geologic Map of New York, Hudson-Mohawk Sheet, New York State Museum and Science Service Map and Chart Series No.40.

Fisher, D.W., Isachsen, Y. W., Rickard, L.V., 1970, Geologic Map of New York, Hudson-Mohawk Sheet, New York State Museum and Science Service Map and Chart Series No. 15.

ARCADIS of New York, Inc., 2012, Phase I Environmental Site Assessment, 824 Broadway and (North of) 1 Partition Street, Rensselaer, New York, September 2012.



SOURCE: NYSDOP High Resolution Imagery 2011, NYS GIS Clearing house: http://gis.ny.gov/gateway/mg/

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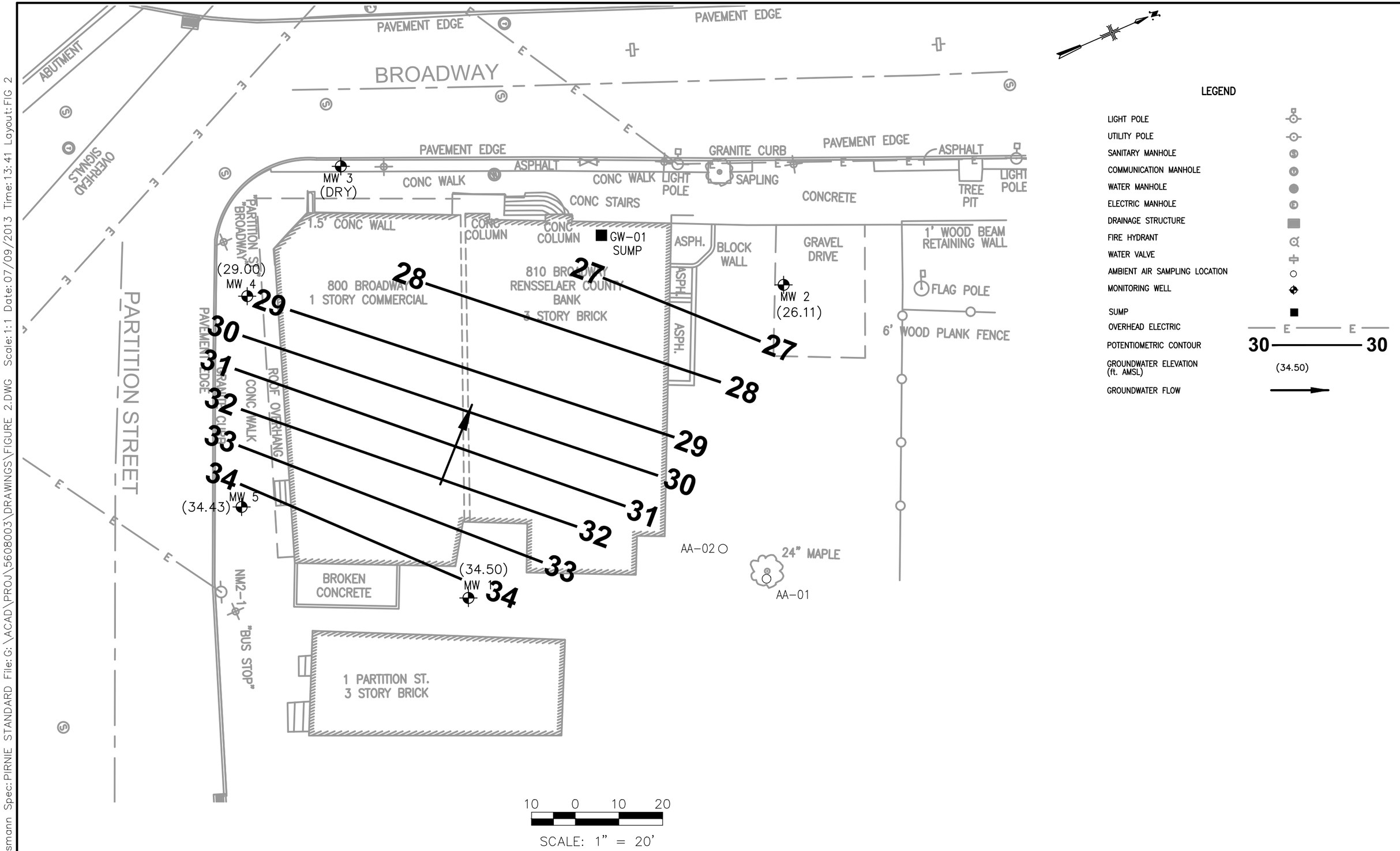
PHASE II ENVIRONMENTAL SITE ASSESSMENT
CITY OF RENSSELAER, NEW YORK
USEPA BROWNFIELD
HAZARDOUS SUBSTANCES ASSESSMENT GRANT
ASSISTANCE ID No. BF-97249507-0

824 BROADWAY AND
(NORTH OF) 1 PARTITION STREET
SITE OVERVIEW

ARCADIS OF NEW YORK, INC.

JULY 2013

FIGURE 1



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PHASE II ENVIRONMENTAL SITE ASSESSMENT

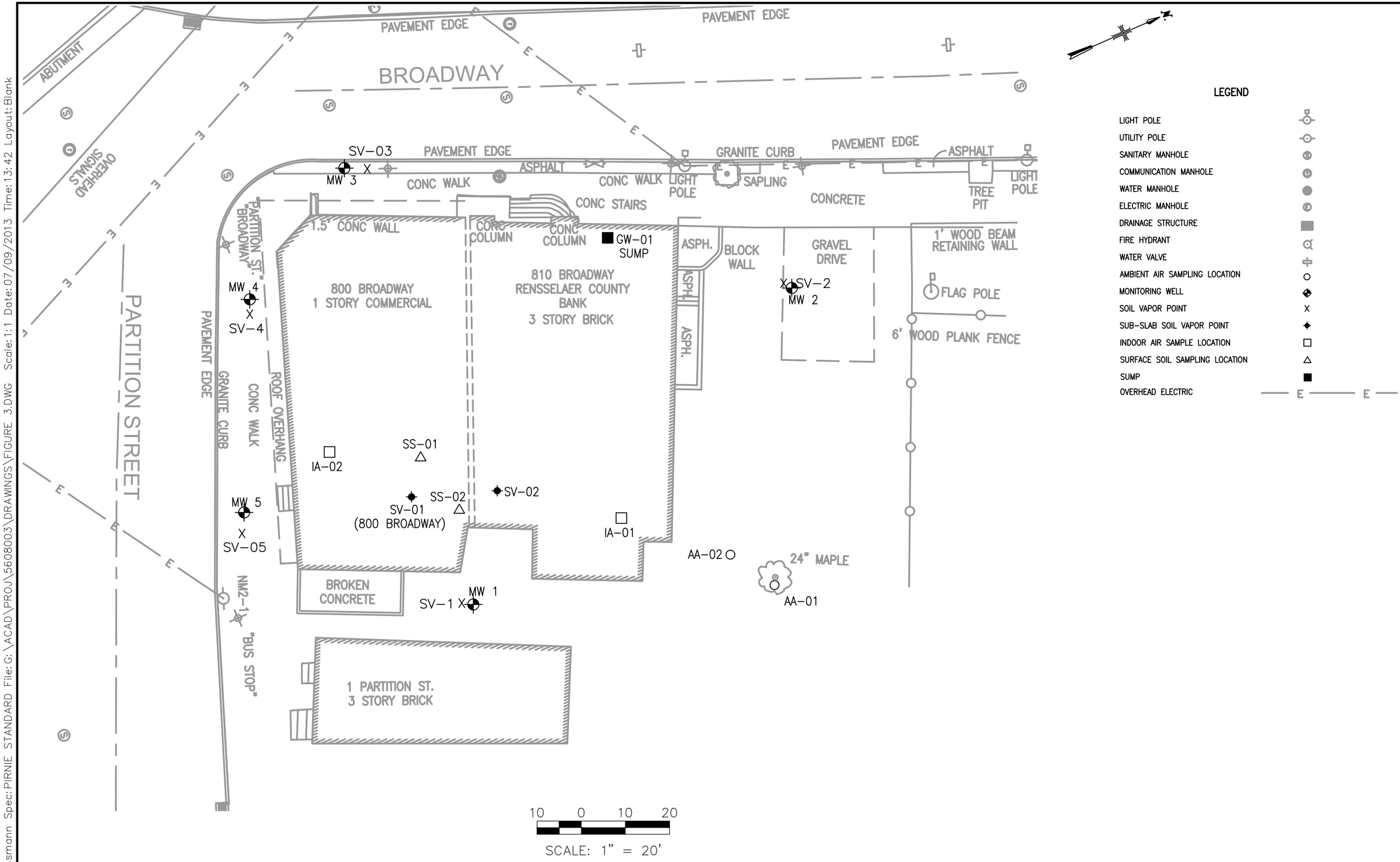
USEPA BROWNFIELD HAZARDOUS ASSESSMENT GRANT

SHALLOW MONITORING WELL GROUNDWATER ELEVATIONS
MAY 16, 2013
SCALE: AS SHOWN

JULY 2013

FIGURE 2

XREFS: G:\ACAD\PROJ\5608003\XREF\SURVEY BASE 6-2013.dwg IMAGES: None
User: Hausmann Spec: PIRNIE STANDARD File: G:\ACAD\PROJ\5608003\DRAWINGS\FIGURE 2.DWG Scale:1:1 Date:07/09/2013 Time:13:41 Layout:FIG 2



XREFS: G:\ACAD\PROJ\5608003\XREF\SURVEY BASE 6-2013.dwg IMAGES: None
User: Hausmann Spec: PIRNIE STANDARD File: G:\ACAD\PROJ\5608003\DRAWINGS\FIGURE 3.DWG Scale: 1:1 Date: 07/09/2013 Time: 13:42 Layout: Blank

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PHASE II ENVIRONMENTAL SITE ASSESSMENT

USEPA BROWNFIELD HAZARDOUS ASSESSMENT GRANT

824 BROADWAY AND (NORTH OF) 1 PARTITION STREET

SCALE: AS SHOWN

JULY 2013

FIGURE 3

Table 1
Groundwater Elevation Data
Phase II ESA
824 Broadway and (North of) 1 Partition Street
Rensselaer, New York

Monitoring Well	Well Type (Overburden, Interface, Bedrock)	Stick Up (SU)/Flush Mount (FM)	Easting (X)	Northing (Y)	Elevation at Top of PVC (ft. AMSL)	Ground Elevation (ft. AMSL)	Well Dia. (in.)	Screen Length (ft.)	Depth to Water Level Below TOC (ft.) 4/15/2013	Depth to Water Level Below TOC (ft.) 04/16/13	Depth to Water Level Below TOC (ft.) 04/23/13	Depth to Water Level Below TOC (ft.) 5/16/2013	Depth to Water Level Below TOC (ft.) 6/20/2013	Groundwater Elevation 4/15/2013 (ft. AMSL)	Groundwater Elevation 04/16/2013 (ft. AMSL)	Groundwater Elevation 04/23/2013 (ft. AMSL)	Groundwater Elevation 5/16/2013 (ft. AMSL)	Groundwater Elevation 6/20/2013 (ft. AMSL)	PID (ppm) 4/23/2013
MW-1	Overburden	FM	696783.1	1389979.0	41.81	41.93	2	10	dry	dry	12.41	7.31	7.93	dry	dry	29.40	34.50	33.88	0.2
MW-2	Overburden	FM	696746.3	1390073.8	37.73	38.17	2	10	15.75	15.38	14.23	11.62	11.27	21.98	22.35	23.50	26.11	26.46	0.5
MW-3	Overburden	FM	696680.9	1389991.8	46.29	46.66	2	10	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	1.3
MW-4	Overburden	FM	696699.5	1389960.3	47.17	47.63	2	10	dry	dry	18.14	18.17	18.23	dry	dry	29.03	29.00	28.94	1.0
MW-5	Overburden	FM	696743.2	1389939.8	45.54	45.99	2	10	11.50	11.05	11.03	11.11	11.03	34.04	34.49	34.51	34.43	34.51	0.5

Notes:
AMSL - Above Mean Sea Level
TOC - Top of Casing

Table 2
Summary of Soil Results - VOCs
Phase II ESA
824 Broadway and
(North of) 1 Partition Street
Rensselaer, New York

Sample Location				824 Broadway	City ROW		
Sample ID	6 NYCRR Part 375	6 NYCRR Part 375	6 NYCRR Part 375	BRO-SB-1	BRO-SB-3	BRO-SB-DUP (SB-3)	BRO-SB-4
Sample Depth (ft bgs)	Unrestricted Use	Restricted Residential Use	Commercial Use	4-5	5-6	5-6	5-7
Sampling Date	Soil Cleanup	Soil Cleanup	Soil Cleanup	4/15/2013	4/15/2013	4/15/2013	4/11/2013
Matrix	Objective	Objective	Objective	SOIL	SOIL	SOIL	SOIL
Units	mg/kg	mg/kg	mg/Kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs							
1,1,1-Trichloroethane	0.68	100	500	0.0056 U	0.0052 U	0.006 U	0.0048 U
1,1,2,2-Tetrachloroethane				0.0056 U	0.0052 U	0.006 U	0.0048 U
1,1,2-Trichloroethane				0.0056 U	0.0052 U	0.006 U	0.0048 U
1,1,2-Trichlorotrifluoroethane				0.0056 U	0.0052 U	0.006 U	0.0048 U
1,1-Dichloroethane	0.27	26	240	0.0056 U	0.0052 U	0.006 U	0.0048 U
1,1-Dichloroethene	0.33	100	500	0.0056 U	0.0052 U	0.006 U	0.0048 U
1,2,3-Trichlorobenzene				0.0056 U	0.0052 UJ	0.006 UJ	0.0048 UJ
1,2,4-Trichlorobenzene				0.0056 U	0.0052 U	0.006 U	0.0048 UQ
1,2-Dibromo-3-Chloropropane				0.0056 U	0.0052 UJ	0.0006 UJ	0.0048 UJQ
1,2-Dibromoethane				0.0056 U	0.0052 U	0.006 U	0.0048 U
1,2-Dichlorobenzene	1.1	100	500	0.0056 U	0.0052 U	0.006 U	0.0048 U
1,2-Dichloroethane	0.02	3.1	30	0.0056 U	0.0052 U	0.006 U	0.0048 U
1,2-Dichloropropane				0.0056 U	0.0052 U	0.006 U	0.0048 U
1,3-Dichlorobenzene	2.4	49	280	0.0056 U	0.0052 U	0.006 U	0.0048 U
1,4-Dichlorobenzene	1.8	13	130	0.0056 U	0.0052 U	0.006 U	0.0048 U
1,4-Dioxane				0.22 U	0.22 U	0.24 U	0.1938 U
2-Butanone (MEK)	0.12	100	500	0.028 U	0.0264 U	0.0298 U	0.0242 UQ
2-Hexanone				0.028 U	0.0264 UQ	0.0298 UQ	0.0242 U
4-Methyl-2-pentanone (MIBK)				0.028 U	0.0264 U	0.0298 U	0.0242 U
Acetone	0.05	100	500	0.028 U	0.0264 UQ	0.0298 UQ	0.0242 U
Benzene	0.06	4.8	44	0.0056 U	0.0052 U	0.006 U	**0.0087**
Bromochloromethane				0.0056 U	0.0052 U	0.006 U	0.0048 U
Bromodichloromethane				0.0056 U	0.0052 U	0.006 U	0.0048 U
Bromoform				0.0056 U	0.0052 U	0.006 U	0.0048 U
Bromomethane				0.0056 U	0.0052 U	0.006 U	0.0048 U
Carbon disulfide				0.0056 U	0.0052 U	0.006 U	0.0048 U
Carbon tetrachloride	0.76	2.4	22	0.0056 U	0.0052 U	0.006 U	0.0048 U
Chlorobenzene	1.1	100	500	0.0056 U	0.0052 U	0.006 U	0.0048 U
Chloroethane				0.0056 U	0.0052 U	0.006 U	0.0048 U
Chloroform	0.37	49	350	0.0056 U	0.0052 U	0.006 U	0.0048 U
Chloromethane				0.0056 U	0.0052 U	0.006 U	0.0048 U
cis-1,2-Dichloroethene	0.25	100	500	0.0056 U	0.0052 U	0.006 U	0.0048 U
cis-1,3-Dichloropropene				0.0056 U	0.0052 U	0.006 U	0.0048 U
Cyclohexane				0.0056 U	0.0052 U	0.006 U	0.0048 U
Dibromochloromethane				0.0056 U	0.0052 U	0.006 U	0.0048 U
Dichlorodifluoromethane				0.0056 U	0.0052 U	0.006 U	0.0048 U
Ethylbenzene	1	41	390	0.0056 U	0.0052 U	0.006 U	0.0048 U
Isopropylbenzene	2*			0.0056 U	0.0052 U	0.006 U	0.0048 U
m/p-Xylenes	0.26**	100**	500**	0.0112 U	0.0106 U	0.012 U	0.0096 U
Methyl acetate				0.0056 U	0.0052 U	0.006 U	0.0048 U
Methyl tert-butyl ether	0.93	62	500	0.0056 U	0.0052 U	0.006 U	0.0048 U
Methylcyclohexane				0.0056 U	0.0052 U	0.006 U	0.0048 U
Methylene Chloride	0.05	51	500	0.0056 UQ	0.0052 UJ	0.006 UJ	**0.002 J**
o-Xylene	0.26**	100**	500**	0.0056 U	0.0052 U	0.006 U	0.0048 U
Styrene				0.0056 U	0.0052 U	0.006 U	0.0048 U
trans-1,3-Dichloropropene				0.0056 U	0.0052 U	0.006 U	0.0048 U
Tetrachloroethene	1.3	19	150	0.0056 U	0.0052 U	0.006 U	**0.0024 J**
Toluene	0.7	100	500	0.0056 U	0.0052 U	0.006 U	0.0048 U
trans-1,2-Dichloroethene	0.19	100	500	0.0056 U	0.0052 U	0.006 U	0.0048 U
Trichloroethene	0.47	21	200	0.0056 U	0.0052 U	0.006 U	0.0048 U
Trichlorofluoromethane				0.0056 U	0.0052 U	0.006 U	0.0048 U
Vinyl chloride	0.02	0.9	13	0.0056 U	0.0052 U	0.006 U	0.0048 U
Total TICS							**0.3483**

Notes:
U - Compound not detected, reporting limit provided.
Q-Indicates that the LCS did not meet the control limits requirements
J - Estimated
* - CP-51 Standard

Table 2
Summary of Soil Results - VOCs
Phase II ESA
824 Broadway and
(North of) 1 Partition Street
Rensselaer, New York

Sample Location				City ROW		800 Broadway					
Sample ID	6 NYCRR Part 375	6 NYCRR Part 375	6 NYCRR Part 375	BRO-SB-5		BRO-SS-01		BRO-SS-02		BRO-IDW	
Sample Depth (ft bgs)	Unrestricted Use	Restricted Residential Use	Commercial Use	7-9		0.2-0.6		0.2-0.6		E1856-14	
Sampling Date	Soil Cleanup	Soil Cleanup	Soil Cleanup	4/12/2013		4/18/2013		4/18/2013		4/18/2013	
Matrix	Objective	Objective	Objective	SOIL		SOIL		SOIL		SOIL	
Units	mg/kg	mg/kg	mg/Kg	mg/kg		mg/kg		mg/kg		mg/kg	
VOCs											
1,1,1-Trichloroethane	0.68	100	500	0.005	U	0.0054	U	0.0058	U	0.0064	U
1,1,2,2-Tetrachloroethane				0.005	U	0.0054	U	0.0058	U	0.0064	U
1,1,2-Trichloroethane				0.005	U	0.0054	U	0.0058	U	0.0064	U
1,1,2-Trichlorotrifluoroethane				0.005	U	0.0054	U	0.0058	U	0.0064	U
1,1-Dichloroethane	0.27	26	240	0.005	U	0.0054	U	0.0058	U	0.0064	U
1,1-Dichloroethene	0.33	100	500	0.005	U	0.0054	U	0.0058	U	0.0064	U
1,2,3-Trichlorobenzene				0.005	UJ	0.0054	UJ	0.0058	UJ	0.0064	UJ
1,2,4-Trichlorobenzene				0.005	UJQ	0.0054	UJ	0.0058	UJ	0.0064	UJ
1,2-Dibromo-3-Chloropropane				0.005	UQ	0.0054	U	0.0058	U	0.0064	U
1,2-Dibromoethane				0.005	U	0.0054	U	0.0058	U	0.0064	U
1,2-Dichlorobenzene	1.1	100	500	0.005	U	0.0054	U	0.0058	U	0.0064	U
1,2-Dichloroethane	0.02	3.1	30	0.005	U	0.0054	U	0.0058	U	0.0064	U
1,2-Dichloropropane				0.005	U	0.0054	U	0.0058	U	0.0064	U
1,3-Dichlorobenzene	2.4	49	280	0.005	U	0.0054	U	0.0058	U	0.0064	U
1,4-Dichlorobenzene	1.8	13	130	0.005	U	0.0054	U	0.0058	U	0.0064	U
1,4-Dioxane				0.1984	U	0.22	U	0.24	U	0.26	U
2-Butanone (MEK)	0.12	100	500	0.0248	UQ	0.0272	U	0.029	U	0.0322	U
2-Hexanone				0.0248	U	0.0272	U	0.029	U	0.0322	U
4-Methyl-2-pentanone (MIBK)				0.0248	U	0.0272	U	0.029	U	0.0322	U
Acetone	0.05	100	500	0.0248	U	0.0272	U	0.029	U	0.0322	U
Benzene	0.06	4.8	44	0.005	U	0.0054	U	0.0058	U	0.0064	U
Bromochloromethane				0.005	U	0.0054	U	0.0058	U	0.0064	U
Bromodichloromethane				0.005	U	0.0054	U	0.0058	U	0.0064	U
Bromoform				0.005	U	0.0054	U	0.0058	U	0.0064	U
Bromomethane				0.005	U	0.0054	U	0.0058	U	0.0064	U
Carbon disulfide				0.005	U	0.0054	U	0.0058	U	0.0064	U
Carbon tetrachloride	0.76	2.4	22	0.005	U	0.0054	U	0.0058	U	0.0064	U
Chlorobenzene	1.1	100	500	0.005	U	0.0054	U	0.0058	U	0.0064	U
Chloroethane				0.005	U	0.0054	U	0.0058	U	0.0064	U
Chloroform	0.37	49	350	0.005	U	0.0054	U	0.0058	U	0.0064	U
Chloromethane				0.005	U	0.0054	U	0.0058	U	0.0064	U
cis-1,2-Dichloroethene	0.25	100	500	0.005	U	0.0054	U	0.0058	U	**0.0039**	**J**
cis-1,3-Dichloropropene				0.005	U	0.0054	U	0.0058	U	0.0064	U
Cyclohexane				0.005	U	0.0054	U	0.0058	U	0.0064	U
Dibromochloromethane				0.005	U	0.0054	U	0.0058	U	0.0064	U
Dichlorodifluoromethane				0.005	U	0.0054	U	0.0058	U	0.0064	U
Ethylbenzene	1	41	390	0.005	U	0.0054	U	0.0058	U	0.0064	U
Isopropylbenzene	2*			0.005	U	0.0054	U	0.0058	U	0.0064	U
m/p-Xylenes	0.26**	100**	500**	0.01	U	0.0108	U	0.0116	U	0.013	U
Methyl acetate				0.005	U	0.0054	U	0.0058	U	0.0064	U
Methyl tert-butyl ether	0.93	62	500	0.005	U	0.0054	U	0.0058	U	0.0064	U
Methylcyclohexane				0.005	U	0.0054	U	0.0058	U	0.0064	U
Methylene Chloride	0.05	51	500	**0.0026**	**J**	0.0054	UJQ	0.0058	UJQ	0.0064	UJQ
o-Xylene	0.26**	100**	500**	0.005	U	0.0054	U	0.0058	U	0.0064	U
Styrene				0.005	U	0.0054	U	0.0058	U	0.0064	U
trans-1,3-Dichloropropene				0.005	U	0.0054	U	0.0058	U	0.0064	U
Tetrachloroethene	1.3	19	150	**0.0092**		**0.0071**		0.0058	U	**0.0106**	
Toluene	0.7	100	500	0.005	U	0.0054	U	0.0058	U	0.0064	U
trans-1,2-Dichloroethene	0.19	100	500	0.005	U	0.0054	U	0.0058	U	0.0064	U
Trichloroethene	0.47	21	200	0.005	U	0.0054	U	0.0058	U	**0.0083**	
Trichlorofluoromethane				0.005	U	0.0054	U	0.0058	U	0.0064	U
Vinyl chloride	0.02	0.9	13	0.005	U	0.0054	U	0.0058	U	0.0064	U
Total TICS				**0.0173**							

Notes:
U - Compound not detected, reporting limit provided.
Q-Indicates that the LCS did not meet the control limits requirements
J - Estimated
* - CP-51 Standard

Table 3
Summary of Groundwater Results - VOCs
Phase II ESA
824 Broadway and
(North of) 1 Partition Street
Rensselaer, New York

Sample Location		810 Broadway	824 Broadway	(N of) 1 Partition St		City ROW	
Sample ID Sampling Date Matrix Units	6 NYCRR Part 703 Class GA Standard or Guidance Value ug/L	BRO-GW-01 4/17/2013 Water ug/L	BRO-GW-2 4/23/2013 Water ug/L	BRO-MW-01 6/12/2013 Water ug/L	BRO-MW-DUP (BRO-MW-01) 6/12/2013 Water ug/L	BRO-GW-MW-4 5/29/2013 Water ug/L	BRO-GW-5 4/23/2013 Water ug/L
VOCs							
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichlorotrifluoroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dioxane		200 U	200 U	200 U	200 U	200 U	200 U
2-Butanone (MEK)	50	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	50*	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50*	5 U	**6.3**	5 U	5 U	**5.9**	5 U
Benzene	1	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50*	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50*	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60	1 U	**1.6**	**0.66 J**	**0.65 J**	**0.48 J**	1 U
Carbon tetrachloride	5	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	5	1 U	1 U	1 U	1 U	**0.54 J**	1 U
cis-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	**1.7**	**25.3**
cis-1,3-Dichloropropene	0.4**	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane		1 U	1 U	1 UJ	1 UJ	1 U	1 U
Dibromochloromethane	50	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
m&p Xylenes	5	2 U	2 U	2 U	2 U	2 U	2 U
Methyl acetate		1 U	1 U	1 U	1 U	1 U	1 U
Methyl tert-butyl ether	10	1 U	**2.2**	1 U	1 U	1 U	1 U
Methylcyclohexane		1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	5	1 U	1 U	1 U	1 U	1 U	1 U
o-Xylene	5	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4**	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5	1 U	1 U	1 U	1 U	1 U	**54.9**
Toluene	5	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	**1.9**
Trichloroethene	5	1 U	1 U	1 U	1 U	1 U	**36.8**
Trichlorofluoromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2	1 U	1 U	1 U	1 U	1 U	**2.2**
Total Estimated Conc. (TICs)			**7.8**				

Notes:

U - Compound not detected, reporting limit provided.

Table 3
Summary of Groundwater Results - VOCs
Phase II ESA
824 Broadway and
(North of) 1 Partition Street
Rensselaer, New York

Sample Location		QA/QC					
Sample ID **Sampling Date** **Matrix** **Units**	**6 NYCRR Part 703 Class GA Standard or Guidance Value ug/L**	**BRO-GW-FB 6/12/2013 Water ug/L**	**BRO-SB-FB 4/15/2013 Water ug/L**	**TRIPBLANK 4/15/2013 Water ug/L**	**TRIPBLANK 4/23/2013 Water ug/L**	**TRIPBLANK 5/29/2013 Water ug/L**	**TRIPBLANK 6/12/2013 Water ug/L**
VOCs							
1,1,1-Trichloroethane	5	1 U	5 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	5 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	5 U	1 U	1 U	1 U	1 U
1,1,2-Trichlorotrifluoroethane	5	1 U	5 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	5 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	5 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	5 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	5 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	5 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	5	1 U	5 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	5 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	5 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	5 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	5 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	5 U	1 U	1 U	1 U	1 U
1,4-Dioxane		200 U	200 U	200 U	200 U	200 U	200 U
2-Butanone (MEK)	50	5 U	25 U	5 U	5 U	5 U	5 U
2-Hexanone	50*	5 U	25 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)		5 U	25 U	5 U	5 U	5 U	5 U
Acetone	50*	5 U	25 U	5 U	5 U	5 U	5 U
Benzene	1	1 U	5 U	1 U	1 U	1 U	1 U
Bromochloromethane	5	1 U	5 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50*	1 U	5 U	1 U	1 U	1 U	1 U
Bromoform	50*	1 U	5 U	1 U	1 U	1 U	1 U
Bromomethane	5	1 U	5 U	1 U	1 U	1 U	1 U
Carbon disulfide	60	1 U	5 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5	1 U	5 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	5 U	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	5 U	1 U	1 U	1 U	1 U
Chloroform	7	1 U	5 U	1 U	1 U	1 U	1 U
Chloromethane	5	1 U	5 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	1 U	5 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4**	1 U	5 U	1 U	1 U	1 U	1 U
Cyclohexane		1 UJ	5 U	1 U	1 U	1 U	0.5 UJ
Dibromochloromethane	50	1 U	5 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 U	5 U	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	5 U	1 U	1 U	1 U	1 U
Isopropylbenzene	5	1 U	5 U	1 U	1 U	1 U	1 U
m&p Xylenes	5	2 U	10 U	2 U	2 U	2 U	2 U
Methyl acetate		1 U	5 U	1 U	1 U	1 U	1 U
Methyl tert-butyl ether	10	1 U	5 U	1 U	1 U	1 U	1 U
Methylcyclohexane		1 U	5 U	1 U	1 U	1 U	1 U
Methylene Chloride	5	1 U	5 U	1 U	1 U	1 U	1 U
o-Xylene	5	1 U	5 U	1 U	1 U	1 U	1 U
Styrene	5	1 U	5 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4**	1 U	5 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5	1 U	5 U	1 U	1 U	1 U	1 U
Toluene	5	1 U	5 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5	1 U	5 U	1 U	1 U	1 U	1 U
Trichloroethene	5	1 U	5 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	5	1 U	5 U	1 U	1 U	1 U	1 U
Vinyl chloride	2	1 U	5 U	1 U	1 U	1 U	1 U
Total Estimated Conc. (TICs)					**8.3**		

Notes:

U - Compound not detected, reporting limit provided

Table 4
Summary of Groundwater Results - SVOCs
Phase II ESA
824 Broadway and
(North of) 1 Partition Street
Rensselaer, New York

Sample location		City ROW	
Sample ID	6 NYCRR Part 703	BRO-GW-5	
Sampling Date	Class GA Standard	4/23/2013	
Matrix	or Guidance Value	Water	
Units	ug/L	ug/L	
SVOCs			
1,1-Biphenyl	5	11.2	U
1,2,4,5-Tetrachlorobenzene	5	11.2	U
2,2-oxybis(1-Chloropropane)		11.2	U
2,3,4,6-Tetrachlorophenol	1**	11.2	U
2,4,5-Trichlorophenol	1**	11.2	U
2,4,6-Trichlorophenol	1**	11.2	U
2,4-Dichlorophenol	1**	11.2	U
2,4-Dimethylphenol	50	11.2	U
2,4-Dinitrophenol	10*	11.2	UJ
2,4-Dinitrotoluene	5	11.2	U
2,6-Dinitrotoluene	5	11.2	U
2-Chloronaphthalene	10*	11.2	U
2-Chlorophenol	1**	11.2	U
2-Methylnaphthalene		11.2	U
2-Methylphenol	1**	11.2	U
2-Nitroaniline	5	11.2	U
2-Nitrophenol	1**	11.2	U
3,3'-Dichlorobenzidine	5	11.2	U
3+4 Methylphenol	1**	11.2	U
3-Nitroaniline	5	11.2	U
4,6-Dinitro-2-methylphenol	1**	11.2	U
4-Bromophenyl phenyl ether		11.2	U
4-Chloro-3-methylphenol	1**	11.2	U
4-Chloroaniline	5	11.2	U
4-Chlorophenyl-phenylether		11.2	U
4-Nitroaniline	5	11.2	U
4-Nitrophenol	1**	11.2	U
Acenaphthene	20*	11.2	U
Acenaphthylene		11.2	U
Acetophenone	20*	11.2	U
Anthracene	50*	11.2	U
Atrazine	7.5	11.2	U
Benzaldehyde		11.2	U
Benzo(a)anthracene	0.002*	11.2	U
Benzo(a)pyrene	ND	11.2	U
Benzo(b)fluoranthene	0.002*	11.2	U
Benzo(ghi)perylene		11.2	U
Benzo(k)fluoranthene	0.002*	11.2	U
Bis(2-chloroethoxy)methane	5	11.2	U
Bis(2-chloroethyl)ether	1	11.2	U
Bis(2-Ethylhexyl)phthalate	5	11.2	U
Butyl benzyl phthalate	50*	11.2	U
Caprolactam		11.2	U
Carbazole		11.2	U
Chrysene	0.002*	11.2	U
Dibenzo(a,h)anthracene		11.2	U
Dibenzofuran		11.2	U
Diethyl phthalate	50*	11.2	U
Dimethyl phthalate	50*	11.2	U
Di-n-butylphthalate	50	11.2	U
Di-n-octylphthalate	50*	11.2	U
Fluoranthene	50*	11.2	U
Fluorene	50*	11.2	U
Hexachlorobenzene	0.04	11.2	U
Hexachlorobutadiene	0.5	11.2	U
Hexachlorocyclopentadiene	5	11.2	UQ
Hexachloroethane	5	11.2	U
Indeno(1,2,3-cd)Pyrene	0.002*	11.2	U
Isophorone	50*	11.2	U
Naphthalene	10*	11.2	U
Nitrobenzene	0.4	11.2	U
n-Nitrosodi-n-propylamine		11.2	U
n-Nitrosodiphenylamine	50*	11.2	U
Pentachlorophenol	1	20	U
Phenanthrene	50	11.2	U
Phenol	1	11.2	U
Pyrene	50	11.2	U
Total Estimated Conc. (TICs)		132.4	

Notes:
* Guidance Value
**Sum of these compounds can not exceed 1 ug/L.
J - Estimated
U - Compound not detected, reporting limit provided.
Q-Indicates that the LCS did not meet the control limits requirements

Table 5
Summary of Air Results
Phase II ESA
824 Broadway and (North of) 1 Partition Street
Rensselaer, New York

Location		(N of) 1 Partition St	824 Broadway			City ROW		
Sample ID		BRO-SV-1	BRO-SV-02	BRO-SV-DUP (BRO-SV-2)	BRO-AA-1	BRO-SV-3	BRO-SV-4	BRO-SV-5
Sample Date		4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013
Matrix		Result	Result	Result	Result	Result	Result	Result
Unit		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
CAS No.	Compound							
71-55-6	1,1,1-Trichloroethane	0.13 U	**0.21**	**0.23**	0.15 U	**0.21**	**0.87**	**2.1**
79-34-5	1,1,2,2-Tetrachloroethane	0.13 U	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U
79-00-5	1,1,2-Trichloroethane	**0.14** NJ	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U
75-34-3	1,1-Dichloroethane	0.13 U	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U
75-35-4	1,1-Dichloroethene	0.13 U	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U
120-82-1	1,2,4-Trichlorobenzene	0.64 U	0.76 U	0.7 U	0.76 U	0.69 U	3.5 U	10 U
95-63-6	1,2,4-Trimethylbenzene	**2.5**	**0.92**	**0.9**	0.76 U	**12**	3.5 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	0.64 U	0.76 U	0.7 U	0.76 U	0.69 U	3.5 U	10 U
106-93-4	1,2-Dibromoethane	0.13 U	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	0.64 U	0.76 U	0.7 U	0.76 U	0.69 U	3.5 U	10 U
95-50-1	1,2-Dichlorobenzene	0.13 U	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U
107-06-2	1,2-Dichloroethane	0.13 U	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U
78-87-5	1,2-Dichloropropane	0.13 U	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U
108-67-8	1,3,5-Trimethylbenzene	**0.75**	**0.24**	**0.24**	0.76 U	**4.5**	3.5 U	10 U
106-99-0	1,3-Butadiene	**0.54** NJ	0.3 U	0.28 U	0.3 U	0.27 U	1.4 U	4 U
541-73-1	1,3-Dichlorobenzene	**0.12** NJ	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U
106-46-7	1,4-Dichlorobenzene	0.13 U	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U
123-91-1	1,4-Dioxane	0.64 U	0.76 U	0.7 U	0.76 U	0.69 U	3.5 U	10 U
78-93-3	2-Butanone (MEK)	**3**	**0.82**	**1.5**	**0.7**	**2.5**	35 U	100 U
591-78-6	2-Hexanone	0.64 U	0.76 U	**0.43**	0.76 U	**3.5**	3.5 U	10 U
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.3**	7.6 U	7 U	7.6 U	0.83 U	35 U	100 U
107-05-1	3-Chloro-1-propene (Allyl Chloride)	0.13 U	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U
622-96-8	4-Ethyltoluene	**0.9**	0.76 U	0.7 U	0.76 U	**2.2**	3.5 U	10 U
108-10-1	4-Methyl-2-pentanone	0.54 U	0.76 U	0.7 U	0.76 U	**2.7**	3.5 U	10 U
67-64-1	Acetone	**23**	**4.8 J**	**16 J**	**5.1**	**16**	35 U	100 U
75-05-8	Acetonitrile	0.64 U	0.76 U	0.7 U	0.76 U	0.69 U	3.5 U	10 U
107-02-8	Acrolein	2.6 U	3 U	**0.76**	3 U	2.7 U	14 U	40 U
107-13-1	Acrylonitrile	0.64 U	0.76 U	0.7 U	0.76 U	0.69 U	3.5 U	10 U
80-56-8	alpha-Pinene	**6.8**	**0.23**	**0.27**	0.76 U	**25**	**1**	10 U
71-43-2	Benzene	**2.6**	0.15 U	**0.13**	**0.42**	**2.7**	**24**	**1.9**
100-44-7	Benzyl Chloride	0.64 U	0.76 U	0.7 U	0.76 U	0.69 U	3.5 U	10 U
75-27-4	Bromodichloromethane	0.13 U	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U
75-25-2	Bromoform	0.64 U	0.76 U	0.7 U	0.76 U	0.69 U	3.5 U	10 U
74-83-9	Bromomethane	0.13 U	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U
75-15-0	Carbon Disulfide	**12**	**1.3**	**0.6**	7.6 U	**13**	**11**	**6.1**
56-23-5	Carbon Tetrachloride	**0.66**	0.15 U	0.14 U	**0.48**	**0.16**	0.7 U	2 U
108-90-7	Chlorobenzene	0.13 U	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U
75-00-3	Chloroethane	**0.27** NJ	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U
67-66-3	Chloroform	**0.43**	**28**	**28**	0.15 U	**0.78**	**6.6**	**78**
74-87-3	Chloromethane	0.26 U	0.3 U	0.28 U	**0.45**	0.27 U	1.4 U	4 U
156-59-2	cis-1,2-Dichloroethene	0.13 U	0.15 U	0.14 U	0.15 U	0.14 U	**1.5**	**11**
10061-01-5	cis-1,3-Dichloropropene	0.64 U	0.76 U	0.7 U	0.76 U	0.69 U	3.5 U	10 U
98-82-8	Cumene	**0.34**	0.76 U	0.7 U	0.76 U	**0.97**	3.5 U	10 U
110-82-7	Cyclohexane	**2.5**	1.5 U	1.4 U	1.5 U	**0.4**	7 U	20 U
124-48-1	Dibromochloromethane	0.13 U	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	**12**	**12**	**2.5**	**2.6**	**2.5**	10 U
5989-27-5	d-Limonene	**4**	**0.5**	**0.59**	0.76 U	**3.6**	3.5 U	10 U
64-17-5	Ethanol	**20**	7.6 U	**1.5**	**3**	**3.7**	35 U	100 U
141-78-6	Ethyl Acetate	**17**	**0.72 J**	**2.5 J**	1.5 U	**2.4**	7 U	20 U
100-41-4	Ethylbenzene	**2.5**	**0.32**	**0.28**	0.76 U	**8.4**	3.5 U	10 U
87-68-3	Hexachlorobutadiene	0.64 U	0.76 U	0.7 U	0.76 U	0.69 U	3.5 U	10 U
179601-23-1	m,p-Xylenes	**6.7**	**1.2**	**1**	0.76 U	**33**	3.5 U	10 U
80-62-6	Methyl Methacrylate	1.3 U	1.5 U	1.4 U	1.5 U	1.4 U	7 U	20 U
1634-04-4	Methyl tert-Butyl Ether	0.13 U	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U
75-09-2	Methylene Chloride	**2.3**	**0.37**	**0.43**	**0.44**	**1.7**	**1.5**	**3.9**
91-20-3	Naphthalene	**0.29**	0.76 U	0.7 U	0.76 U	**0.89**	3.5 U	10 U
123-86-4	n-Butyl Acetate	1.6 U	0.76 U	0.7 U	0.76 U	0.44 U	3.5 U	10 U
142-82-5	n-Heptane	**17**	0.76 U	0.7 U	0.76 U	**1.1**	3.5 U	10 U
110-54-3	n-Hexane	**34**	0.76 U	0.7 U	0.76 U	1.2 U	3.5 U	10 U
111-84-2	n-Nonane	**1.6**	0.76 U	0.7 U	0.76 U	**19**	3.5 U	10 U
111-65-9	n-Octane	**6.2**	0.76 U	0.7 U	0.76 U	**3.5**	3.5 U	10 U
103-65-1	n-Propylbenzene	**0.66**	0.76 U	0.7 U	0.76 U	**2.2**	3.5 U	10 U
95-47-6	o-Xylene	**2.6**	**0.51**	**0.46**	0.76 U	**15**	3.5 U	10 U
115-07-1	Propene	**11**	0.76 U	**0.42**	**0.26**	**2.2**	**1.1**	**3.9**
100-42-5	Styrene	0.21 U	0.76 U	0.7 U	0.76 U	0.22 U	3.5 U	10 U
127-18-4	Tetrachloroethene	**12**	**11**	**11**	0.15 U	**41**	**730**	**1,900**
109-99-9	Tetrahydrofuran (THF)	**0.71**	0.76 U	0.7 U	0.76 U	0.69 U	3.5 U	10 U
108-88-3	Toluene	**13**	**0.93**	**0.87**	**0.57**	**8.2**	**1.5**	10 U
156-60-5	trans-1,2-Dichloroethene	0.13 U	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U
10061-02-6	trans-1,3-Dichloropropene	0.64 U	0.76 U	0.7 U	0.76 U	0.69 U	3.5 U	10 U
79-01-6	Trichloroethene	0.13 U	**1.3**	**1.3**	0.15 U	0.14 U	**48**	**120**
75-69-4	Trichlorofluoromethane	**1.3 NJ**	**11**	**11**	**1.3**	**1.4 NJ**	**1.2**	2 U
76-13-1	Trichlorotrifluoroethane	**0.61**	**0.57**	**0.63**	**0.61**	**0.65**	**0.56**	2 U
108-05-4	Vinyl Acetate	6.4 U	7.6 U	**1.1**	7.6 U	6.9 U	35 U	100 U
75-01-4	Vinyl Chloride	0.13 U	0.15 U	0.14 U	0.15 U	0.14 U	0.7 U	2 U

Notes:
Detected results in bold.
U - Compound not detected, reporting limit provided.

Table 5
Summary of Air Results
Phase II ESA
824 Broadway and (North of) 1 Partition Street
Rensselaer, New York

Location		810 Broadway		800 Broadway			
Sample ID		BRO-SV-06	BRO-IA-01	BRO-SV-01	BRO-IA-02	BRO-IA-02	BRO-AA-02
Sample Date		4/22/2013	4/22/2013	5/29/2013	4/22/2013	5/29/2013	5/29/2013
Matrix		Result	Result	Result	Result	Result	Result
Unit		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
CAS No.	Compound						
71-55-6	1,1,1-Trichloroethane	0.13 U	0.15 U	5.4 U	0.15 U	0.15 U	0.14 U
79-34-5	1,1,2,2-Tetrachloroethane	0.13 U	0.15 U	5.4 U	0.15 U	0.15 U	0.14 U
79-00-5	1,1,2-Trichloroethane	0.13 U	0.15 U	5.4 U	0.15 U	0.15 U	0.14 U
75-34-3	1,1-Dichloroethane	0.13 U	0.15 U	5.4 U	0.15 U	0.15 U	0.14 U
75-35-4	1,1-Dichloroethene	0.13 U	0.15 U	27 U	0.15 U	0.15 U	0.14 U
120-82-1	1,2,4-Trichlorobenzene	0.67 U	0.77 U	27 U	0.74 U	0.77 U	0.69 U
95-63-6	1,2,4-Trimethylbenzene	**5.1**	**0.38**	27 U	**0.26**	0.77 U	0.69 U
96-12-8	1,2-Dibromo-3-chloropropane	0.67 U	0.77 U	5.4 U	0.74 U	0.77 U	0.69 U
106-93-4	1,2-Dibromoethane	0.13 U	0.15 U	27 U	0.15 U	0.15 U	0.14 U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	0.67 U	0.77 U	5.4 U	0.74 U	0.77 U	0.69 U
95-50-1	1,2-Dichlorobenzene	0.13 U	0.15 U	5.4 U	0.15 U	0.15 U	**0.21**
107-06-2	1,2-Dichloroethane	0.13 U	0.15 U	5.4 U	0.15 U	0.15 U	0.14 U
78-87-5	1,2-Dichloropropane	0.13 U	0.15 U	27 U	0.15 U	0.15 U	0.14 U
108-67-8	1,3,5-Trimethylbenzene	**1.9**	0.77 U	11 U	0.74 U	0.77 U	0.69 U
106-99-0	1,3-Butadiene	0.27 U	0.31 U	5.4 U	0.29 U	0.31 U	0.27 U
541-73-1	1,3-Dichlorobenzene	0.13 U	0.15 U	5.4 U	0.15 U	0.15 U	0.14 U
106-46-7	1,4-Dichlorobenzene	**0.19 NJ**	0.15 U	27 U	0.15 U	0.15 U	0.14 U
123-91-1	1,4-Dioxane	0.67 U	0.77 U	270 U	0.74 U	0.77 U	0.69 U
78-93-3	2-Butanone (MEK)	**350**	**4.2**	27 U	**0.94**	**1.5 J**	**1.2 J**
591-78-6	2-Hexanone	**4**	0.77 U	270 U	0.74 U	0.77 U	**0.28 J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**18**	**8.9**	5.4 U	**0.76**	7.7 U	6.9 U
107-05-1	3-Chloro-1-propene (Allyl Chloride)	0.13 U	0.15 U	27 U	0.15 U	0.15 U	0.14 U
622-96-8	4-Ethyltoluene	**1.6**	0.77 U	27 U	0.74 U	0.77 U	0.69 U
108-10-1	4-Methyl-2-pentanone	**11**	0.77 U	270 U	0.74 U	0.77 U	0.69 U
67-64-1	Acetone	**220**	**85**	27 U	**12**	**7.1 J**	**7**
75-05-8	Acetonitrile	**13**	**0.85**	110 U	0.74 U	0.77 U	0.69 U
107-02-8	Acrolein	2.7 U	**1**	27 U	**0.59**	**0.34 J**	**0.35 J**
107-13-1	Acrylonitrile	**0.41**	0.77 U	27 U	0.74 U	0.77 U	0.69 U
80-56-8	alpha-Pinene	**5.2**	**8.9**	5.4 U	0.74 U	0.77 U	0.69 U
71-43-2	Benzene	**2.2**	**0.4**	27 U	**0.44**	**0.38**	**0.39**
100-44-7	Benzyl Chloride	0.67 U	0.77 U	5.4 U	0.74 U	0.77 U	0.69 U
75-27-4	Bromodichloromethane	0.13 U	0.15 U	27 U	0.15 U	0.15 U	0.14 U
75-25-2	Bromoform	0.67 U	0.77 U	5.4 U	0.74 U	0.77 U	0.69 U
74-83-9	Bromomethane	0.13 U	0.15 U	270 U	0.15 U	0.15 U	0.14 U
75-15-0	Carbon Disulfide	**7.1**	7.7 U	5.4 U	7.4 U	7.7 U	**1.2 J**
56-23-5	Carbon Tetrachloride	**0.46**	**0.5**	5.4 U	**0.54**	**0.36**	**0.46**
108-90-7	Chlorobenzene	0.13 U	0.15 U	5.4 U	0.15 U	0.15 U	0.14 U
75-00-3	Chloroethane	0.13 U	0.15 U	5.4 U	0.15 U	0.15 U	0.14 U
67-66-3	Chloroform	**0.71**	**0.16**	11 U	**0.19**	**0.26**	0.14 U
74-87-3	Chloromethane	0.27 U	**0.34**	5.4 U	**0.4**	**0.62**	**0.65**
156-59-2	cis-1,2-Dichloroethene	0.13 U	0.15 U	27 U	0.15 U	0.15 U	0.14 U
10061-01-5	cis-1,3-Dichloropropene	0.67 U	0.77 U	27 U	0.74 U	0.77 U	0.69 U
98-82-8	Cumene	**0.42**	0.77 U	54 U	0.74 U	0.77 U	0.69 U
110-82-7	Cyclohexane	1.3 U	1.5 U	5.4 U	1.5 U	1.5 U	1.4 U
124-48-1	Dibromochloromethane	0.13 U	0.15 U	27 U	0.15 U	0.15 U	0.14 U
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	**2.5**	27 U	**2.5**	**1.9**	**2**
5989-27-5	d-Limonene	**3.6**	**1.1**	270 U	0.74 U	0.77 U	0.69 U
64-17-5	Ethanol	**19**	**24**	54 U	**4.1**	**1.6 J**	**3.7 J**
141-78-6	Ethyl Acetate	**0.76**	1.5 U	27 U	1.5 U	**7.2**	**6.9**
100-41-4	Ethylbenzene	**3.7**	**0.31**	27 U	0.74 U	0.77 U	0.69 U
87-68-3	Hexachlorobutadiene	0.67 U	0.77 U	27 U	0.74 U	0.77 U	0.69 U
179601-23-1	m,p-Xylenes	**12**	**1.1**	54 U	**0.5**	0.77 U	0.69 U
80-62-6	Methyl Methacrylate	1.3 U	1.5 U	5.4 U	1.5 U	1.5 U	1.4 U
1634-04-4	Methyl tert-Butyl Ether	0.13 U	0.15 U	**11 JB**	0.15 U	0.15 U	0.14 U
75-09-2	Methylene Chloride	**1**	**0.53**	27 U	**0.44**	**0.78 B**	**0.74 B**
91-20-3	Naphthalene	**0.29**	**0.64**	27 U	0.74 U	0.77 U	0.69 U
123-86-4	n-Butyl Acetate	**0.74**	0.77 U	27 U	0.74 U	0.77 U	0.69 U
142-82-5	n-Heptane	**0.6**	**0.26**	27 U	0.74 U	0.77 U	**0.2 J**
110-54-3	n-Hexane	**0.89**	**0.53**	27 U	**0.78**	**0.9**	**0.43 J**
111-84-2	n-Nonane	**1.1**	**0.23**	5.4 U	0.74 U	0.77 U	0.69 U
111-65-9	n-Octane	**0.87**	**0.26**	27 U	0.74 U	0.77 U	0.69 U
103-65-1	n-Propylbenzene	**1**	0.77 U	27 U	0.74 U	0.77 U	0.69 U
95-47-6	o-Xylene	**4.2**	**0.41**	27 U	0.74 U	0.77 U	0.69 U
115-07-1	Propene	**0.83**	**0.93**	27 U	**0.24 NJ**	**0.23 J**	**0.32 J**
100-42-5	Styrene	**0.45**	**0.24**	27 U	0.74 U	0.77 U	0.69 U
127-18-4	Tetrachloroethene	**160**	**1.4**	**5,100 D**	**0.64**	**1**	**0.26**
109-99-9	Tetrahydrofuran (THF)	**120**	**2.4**	27 U	0.74 U	0.77 U	0.69 U
108-88-3	Toluene	**15**	**3.3**	27 U	**1.2**	**1.1**	**1.6**
156-60-5	trans-1,2-Dichloroethene	0.13 U	0.15 U	5.4 U	0.15 U	0.15 U	0.14 U
10061-02-6	trans-1,3-Dichloropropene	0.67 U	0.77 U	27 U	0.74 U	0.77 U	0.69 U
79-01-6	Trichloroethene	**2.1**	0.15 U	**30**	0.15 U	0.15 U	0.14 U
75-69-4	Trichlorofluoromethane	**1.2**	**1.3**	5.4 U	**1.2**	**1.2**	**1.2**
76-13-1	Trichlorotrifluoroethane	**0.55**	**0.58**	5.4 U	**0.56**	**0.55**	**0.53**
108-05-4	Vinyl Acetate	6.7 U	7.7 U	270 U	7.4 U	**1.1 J**	**1.6 J**
75-01-4	Vinyl Chloride	0.13 U	0.15 U	5.4 U	0.15 U	0.15 U	0.14 U

Notes:
Detected results in bold.
U - Compound not detected, reporting limit provided.

Table 6
Summary of Soil Results - TCLP
Phase II ESA
824 Broadway and
(North of) 1 Partition Street
Rensselaer, New York

Location Sampling Date Units	40 CFR, Ch 1. Regulatory Level mg/l	BRO-IDW-2 4/23/2013 mg/l	
TCLP Metals			
Arsenic, TCLP	5	0.2	U
Barium, TCLP	100	2.25	
Cadmium, TCLP	1	0.06	U
Chromium, TCLP	5	0.1	U
Lead, TCLP	5	0.0915	J
Mercury, TCLP	0.2	0.002	U
Selenium, TCLP	1	0.2	U
Silver, TCLP	5	0.1	U
TCLP VOCs			
1,1-Dichloroethene	0.7	0.025	U
1,2-Dichloroethane	0.5	0.025	U
2-Butanone	200	0.125	U
Benzene	0.5	0.025	U
Carbon Tetrachloride	0.5	0.025	U
Chlorobenzene	100	0.025	U
Chloroform	6	0.025	U
Tetrachloroethene	0.7	0.025	U
Trichloroethene	0.5	0.025	U
Vinyl Chloride	0.2	0.025	U
TCLP SVOCs			
1,4-Dichlorobenzene	7.5	0.1	U
2,4,5-Trichlorophenol	400	0.1	U
2,4,6-Trichlorophenol	2	0.1	U
2,4-Dinitrotoluene	0.13	0.1	U
2-Methylphenol	200	0.1	U
3+4-Methylphenols	200	0.1	U
Hexachlorobenzene	0.13	0.1	U
Hexachlorobutadiene	0.5	0.1	U
Hexachloroethane	3	0.1	U
Nitrobenzene	2	0.1	U
Pentachlorophenol	100	0.1	U
Pyridine	5	0.1	U

U = Compound was analyzed for, but not detected

J = Concentration is an estimated value

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Appendix **A**

Boring Logs and Monitoring Well Construction Logs

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TEST BORING LOG

BORING No.MW-01

PROJECT **824 Broadway**	LOCATION **Rensselaer, New York**	SHEET **1** OF **1**	
CLIENT **City of Rensselaer**		PROJECT No. **05608003.0000**	
DRILLING CONTRACTOR **ADT**		MEAS. PT. ELEV.	
PURPOSE		GROUND ELEV.	
WELL MATERIAL		DATUM	
DRILLING METHOD(S)	SAMPLE / CORE / CASING	DATE STARTED **4/15/13**	
DRILL RIG TYPE **Geoprobe**	TYPE	DATE FINISHED **4/15/13**	
GROUND WATER DEPTH **5.0'**	DIA. **"**	DRILLER **Ritchie C.**	
MEASURING POINT	WEIGHT **#**	PIRNIE STAFF **D. Giroux**	
DATE OF MEASUREMENT	FALL **"**		

DEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	GEOLOGIC DESCRIPTION KEY - Color, Major, Minor Moisture, Etc.	ELEV. DEPTH	WELL Constr.	REMARKS
					Topsoil			
2	1		0		FILL, brown silty SAND with brick, gravel and ash, wet at 5'	1.0		Hand clear to 5'
4							3.0	BRO-SB-1-4-5 (4-5 feet) and MS/MSD
6	5		0		Brown CLAY	5.0	5.0 ▼	
8								
10	5		0		Brown CLAY with silt, SILT lens at 10.5-11	10.0		
12								
14							15.0	
						15.0		

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TEST BORING LOG

BORING No.MW-02

PROJECT **824 Broadway**	LOCATION **Rensselaer, New York**	SHEET **1** OF **1**	
CLIENT **City of Rensselaer**		PROJECT No. **05608003.0000**	
DRILLING CONTRACTOR **ADT**		MEAS. PT. ELEV.	
PURPOSE		GROUND ELEV.	
WELL MATERIAL		DATUM	
DRILLING METHOD(S)	SAMPLE / CORE / CASING	DATE STARTED **4/11/13**	
DRILL RIG TYPE **HSA**	TYPE	DATE FINISHED **4/11/13**	
GROUND WATER DEPTH **10.0'**	DIA. **"**	DRILLER **Ritchie C.**	
MEASURING POINT	WEIGHT **#**	PIRNIE STAFF **D. Giroux**	
DATE OF MEASUREMENT	FALL **"**		

DEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	GEOLOGIC DESCRIPTION KEY - Color, Major, Minor Moisture, Etc.	ELEV. / DEPTH	WELL Constr.	REMARKS
2	1.2	3 3 3 3	0		FILL, Brown Silty SAND with fine to medium gravel and bricks, moist			
4	0.5	2 2 4 1	0		FILL, Light brown fine to medium SAND with gravel and brick pieces	2.0		Hand clear to 5'
6	0.3	1 1 1 2	0		FILL, Light brown fine to medium SAND with gravel, brick pieces and wood	4.0		
8	0.2	6 3 2 2	0			6.0		
10	0	WOH 1 1 1	0		No recovery, wet at ~10'	8.0		8.0 No Samples Collected, little to no water in the hole
12	0	1 1 1 1	0		No recovery, possible wood and coal in shoe	10.0		
14	2	2 4 4 6	0		Light brown Silty CLAY, wet, stiff	12.0		
16	1	5 5 5 7	0					
18	2	7 6 7 8	0					18.0
						18.0		

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TEST BORING LOG

BORING No.MW-03

PROJECT **824 Broadway**	LOCATION **Rensselaer, New York**	SHEET **1** OF **1**	
CLIENT **City of Rensselaer**		PROJECT No. **05608003.0000**	
DRILLING CONTRACTOR **ADT**		MEAS. PT. ELEV.	
PURPOSE		GROUND ELEV.	
WELL MATERIAL		DATUM	
DRILLING METHOD(S)	SAMPLE / CORE / CASING	DATE STARTED **4/15/13**	
DRILL RIG TYPE **HSA**	TYPE	DATE FINISHED **4/15/13**	
GROUND WATER DEPTH **8.0'**	DIA. **"**	DRILLER **Ritchie C.**	
MEASURING POINT	WEIGHT **#**	PIRNIE STAFF **D. Giroux**	
DATE OF MEASUREMENT	FALL **"**		

DEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	GEOLOGIC DESCRIPTION KEY - Color, Major, Minor Moisture, Etc.	ELEV. / DEPTH	WELL Constr.	REMARKS
					Asphalt			
					FILL, gravel	0.5		Hand clear to 5 ft
					Brown Silty CLAY to Clayey SILT, moist	4.5		5.0
	0.4	1 1 2 2			Brown Silty CLAY, moist	5.0		BRO-SB-3-5-6 and duplicate (BRO-SB-DUP)
	0.5	3 4 3 3			Gray Silty CLAY to Clayey SILT, wet	8.0		7.0 ▼
	1.5	1 2 3 4			Gray Clayey SILT	9.0		
					Clayey SILT with fine sand	10.0		
	1.5	4 4 4 5			Gray Clayey SILT to Silty Clay, with sand from 11-12, moist	11.0		
	1.0	1 1 2 3			Gray Silty CLAY	13.0		
	1.5	1 2 3 3						17.0
	1.5	4 4 7 8			Gray/brown CLAY	17.0		
						19.0		

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TEST BORING LOG

BORING No.MW-04

PROJECT **824 Broadway**	LOCATION **Rensselaer, New York**	SHEET **1** OF **2**	
CLIENT **City of Rensselaer**		PROJECT No. **05608003.0000**	
DRILLING CONTRACTOR **ADT**		MEAS. PT. ELEV.	
PURPOSE		GROUND ELEV.	
WELL MATERIAL		DATUM	
DRILLING METHOD(S)	SAMPLE / CORE / CASING	DATE STARTED **4/11/13**	
DRILL RIG TYPE **HSA**	TYPE	DATE FINISHED **4/11/13**	
GROUND WATER DEPTH **9.0'**	DIA. **"**	DRILLER **Ritchie C.**	
MEASURING POINT	WEIGHT **#**	PIRNIE STAFF **D. Giroux**	
DATE OF MEASUREMENT	FALL **"**		

DEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	GEOLOGIC DESCRIPTION KEY - Color, Major, Minor Moisture, Etc.	ELEV. / DEPTH	WELL Constr.	REMARKS
					Concrete			
					Brown Silty SAND with fine to coarse gravel, trace cobbles	0.5		
2								Hand clear to 5'
4								
6	1	1 1 2 2			FILL, brown and black gravelly SAND with black material, moist to wet, loose	5.0		BRO-SB-4-5-7
								7.0
8	0.4	2 1 2 3			FILL, brown gravelly SAND with silt, some clay, moist, loose	7.0		
								9.0 ▼
10	0.2	3 3 4 3			Brown Silty CLAY, wet, stiff	9.0		
12	1	2 3 4 5			Gray Clayey SILT	12.5		
14	1.5	1 1 3 3			Gray CLAY	13.5		
16		1 2 2 3			Gray CLAY with silt Brown CLAY	15.0 16.0		
18		4 5 5 12			Gray/brown mottled CLAY, fine to coarse gravel at 17.7', wet, loose	17.0		
								19.0
		2 3			Gray sand lens, dry Gray Clayey SILT	19.0		

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TEST BORING LOG

BORING No.MW-04

PROJECT **824 Broadway**	LOCATION **Rensselaer, New York**	SHEET **2** OF **2**
CLIENT **City of Rensselaer**		PROJECT No. **05608003.0000**

DEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	GEOLOGIC DESCRIPTION KEY - Color, Major, Minor Moisture, Etc.	ELEV. / DEPTH	WELL Constr.	REMARKS
		4 7			Gray CLAY	19.1 20.0 21.0		

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TEST BORING LOG

BORING No.MW-05

PROJECT **824 Broadway**	LOCATION **Rensselaer, New York**	SHEET **1** OF **1**	
CLIENT **City of Rensselaer**		PROJECT No. **05608003.0000**	
DRILLING CONTRACTOR **ADT**		MEAS. PT. ELEV.	
PURPOSE		GROUND ELEV.	
WELL MATERIAL		DATUM	
DRILLING METHOD(S)	SAMPLE / CORE / CASING	DATE STARTED **4/12/13**	
DRILL RIG TYPE **HSA**	TYPE	DATE FINISHED **4/12/13**	
GROUND WATER DEPTH **10.0'**	DIA. **"**	DRILLER **Ritchie C.**	
MEASURING POINT	WEIGHT **#**	PIRNIE STAFF **D. Giroux**	
DATE OF MEASUREMENT	FALL **"**		

DEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	GEOLOGIC DESCRIPTION KEY - Color, Major, Minor Moisture, Etc.	ELEV. DEPTH	WELL Constr.	REMARKS
2								Hand clear to 5'
4								
6	0.8	3 2 1 1	0		FILL, Silty SAND with gravel, moist			6.0
8	1	1 1 1 1	40		Brown fine to medium SAND, trace fine gravel, moist	7.0		8.0 BRO-SB-5-8-9
10	0.5	1 1 3 1			Brown CLAY GRAVEL, wet	9.0 10.0		▼
12	0.5	1 1 1/1 ft			GRAVEL Brown Silty CLAY to Clayey SILT	11.0 11.2		
14	0.5	3 3 3 2			Brown Silty CLAY to Clayey SILT, rock in shoe	13.0		
16	2	1 3 5 2			Gray CLAY			
18		7 9 9 10			Brownish gray CLAY	17.0		18.0
						19.0		

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TEST BORING LOG

BORING No.MW-05a

PROJECT **824 Broadway**	LOCATION **Rensselaer, New York**	SHEET **1** OF **1**	
CLIENT **City of Rensselaer**		PROJECT No. **05608003.0000**	
DRILLING CONTRACTOR **ADT**		MEAS. PT. ELEV.	
PURPOSE		GROUND ELEV.	
WELL MATERIAL		DATUM	
DRILLING METHOD(S)	SAMPLE / CORE / CASING	DATE STARTED **4/12/13**	
DRILL RIG TYPE **HSA**	TYPE	DATE FINISHED **4/12/13**	
GROUND WATER DEPTH **11.0'**	DIA. **"**	DRILLER **Ritchie**	
MEASURING POINT	WEIGHT **#**	PIRNIE STAFF **D. Giroux**	
DATE OF MEASUREMENT	FALL **"**		

DEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	GEOLOGIC DESCRIPTION KEY - Color, Major, Minor Moisture, Etc.	ELEV. / DEPTH	WELL Constr.	REMARKS
2			0					Hand clear to 5 ft.
4								
6	1	WOH WOH 1 1	0		Brown fine to medium SAND, some fine gravel, moist, loose			
8	1	2 1 1 2	0					
10	0.5		0		Brown gravelly SAND, some silt, possibley FILL	10.0		May have located a clay pipe, abandon location and move 5 ft east. Sand to above pipe depth, bentonite to surface
12	0.5	2 1 1 1	0		Clay pipe, gravel	11.0		
					Brown CLAY	12.0		
						13.0		

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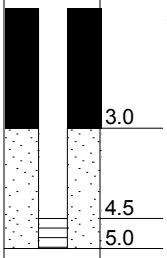
TEST BORING LOG

BORING No.SV-01

PROJECT	**824 Broadway**	LOCATION	**Rensselaer, New York**	SHEET	**1** OF **1**
CLIENT	**City of Rensselaer**			PROJECT No.	**05608003.0000**
DRILLING CONTRACTOR	**ADT**			MEAS. PT. ELEV.	
PURPOSE				GROUND ELEV.	
WELL MATERIAL				DATUM	
DRILLING METHOD(S)		SAMPLE	CORE / CASING	DATE STARTED	**4/15/13**
DRILL RIG TYPE	**Geoprobe**	TYPE		DATE FINISHED	**4/15/13**
GROUND WATER DEPTH	'	DIA.	"	DRILLER	**Marty**
MEASURING POINT		WEIGHT	#	PIRNIE STAFF	**D. Giroux**
DATE OF MEASUREMENT		FALL	"		

DEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	GEOLOGIC DESCRIPTION KEY - Color, Major, Minor Moisture, Etc.	ELEV. / DEPTH	WELL Constr.	REMARKS
					See log for MW-01			flush mount
2						3.0		Bentonite seal 0.5'
4						4.5 5.0		
						5.5		

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TEST BORING LOG

BORING No.SV-02

PROJECT **824 Broadway**	LOCATION **Rensselaer, New York**	SHEET **1** OF **1**	
CLIENT **City of Rensselaer**		PROJECT No. **05608003.0000**	
DRILLING CONTRACTOR **ADT**		MEAS. PT. ELEV.	
PURPOSE		GROUND ELEV.	
WELL MATERIAL		DATUM	
DRILLING METHOD(S)	SAMPLE / CORE / CASING	DATE STARTED **4/15/13**	
DRILL RIG TYPE **Geoprobe**	TYPE	DATE FINISHED **4/15/13**	
GROUND WATER DEPTH '	DIA. "	DRILLER **Marty**	
MEASURING POINT	WEIGHT #	PIRNIE STAFF **D. Giroux**	
DATE OF MEASUREMENT	FALL "		

DEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	GEOLOGIC DESCRIPTION KEY - Color, Major, Minor Moisture, Etc.	ELEV. / DEPTH	WELL Constr.	REMARKS
					See log for MW-02			
2								
4								
6						6.5		Bentonite seal 0.5'
8						7.5 8.5		
						8.5		

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TEST BORING LOG

BORING No.SV-03

PROJECT **824 Broadway**		LOCATION **Rensselaer, New York**			SHEET **1** OF **1**
CLIENT **City of Rensselaer**					PROJECT No. **05608003.0000**
DRILLING CONTRACTOR **ADT**					MEAS. PT. ELEV.
PURPOSE					GROUND ELEV.
WELL MATERIAL					DATUM
DRILLING METHOD(S)			SAMPLE	CORE	CASING
DRILL RIG TYPE **Geoprobe**		TYPE			
GROUND WATER DEPTH **'**		DIA.	**"**		
MEASURING POINT		WEIGHT	**#**		DATE STARTED **4/16/13**
DATE OF MEASUREMENT		FALL	**"**		DATE FINISHED **4/16/13**
					DRILLER **Marty**
					PIRNIE STAFF **D. Giroux**

DEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	GEOLOGIC DESCRIPTION KEY - Color, Major, Minor Moisture, Etc.	ELEV. / DEPTH	WELL Constr.	REMARKS
					See log for MW-03			
2								
4								Bentonite seal from 4-5', bentonite chips to surface
6						5.0 6.5 7.0 7.5		
						7.5		

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TEST BORING LOG

BORING No.SV-04

PROJECT **824 Broadway**	LOCATION **Rensselaer, New York**	SHEET **1** OF **1**	
CLIENT **City of Rensselaer**		PROJECT No. **05608003.0000**	
DRILLING CONTRACTOR **ADT**		MEAS. PT. ELEV.	
PURPOSE		GROUND ELEV.	
WELL MATERIAL		DATUM	
DRILLING METHOD(S)	SAMPLE / CORE / CASING	DATE STARTED **4/16/13**	
DRILL RIG TYPE **Geoprobe**	TYPE	DATE FINISHED **4/16/13**	
GROUND WATER DEPTH '	DIA. "	DRILLER **Marty**	
MEASURING POINT	WEIGHT #	PIRNIE STAFF **D. Giroux**	
DATE OF MEASUREMENT	FALL "		

DEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	GEOLOGIC DESCRIPTION KEY - Color, Major, Minor Moisture, Etc.	ELEV. / DEPTH	WELL Constr.	REMARKS
					See log for MW-04			
2								
4								
6								Bentonite seal from 6-7', bentonite chips to surface
8						7.0 8.5 9.0		
						9.0		

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TEST BORING LOG

BORING No.SV-05

PROJECT **824 Broadway**	LOCATION **Rensselaer, New York**	SHEET **1** OF **1**	
CLIENT **City of Rensselaer**		PROJECT No. **05608003.0000**	
DRILLING CONTRACTOR **ADT**		MEAS. PT. ELEV.	
PURPOSE		GROUND ELEV.	
WELL MATERIAL		DATUM	
DRILLING METHOD(S)	SAMPLE / CORE / CASING	DATE STARTED **4/16/13**	
DRILL RIG TYPE **Geoprobe**	TYPE	DATE FINISHED **4/16/13**	
GROUND WATER DEPTH '	DIA. "	DRILLER **Marty**	
MEASURING POINT	WEIGHT #	PIRNIE STAFF **D. Giroux**	
DATE OF MEASUREMENT	FALL "		

DEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	GEOLOGIC DESCRIPTION KEY - Color, Major, Minor Moisture, Etc.	ELEV. / DEPTH	WELL Constr.	REMARKS
2					See log for MW-05			
4								
6								Bentonite seal from 6-7', bentonite chips to surface
8						7.0 8.5 9.0 9.5 9.5		

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Appendix **B**

Site Photographs

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Appendix B
Site Photographs

824 Broadway and (North of) 1 Partition Street
Rensselaer, New York

Photo 1:
Installation of monitoring well MW-04

Photo 2:
Installation of monitoring well MW-04 facing north

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Project Photos

824 Broadway and (North of) 1 Partition Street
Rensselaer, New York

Photo 3:
Installation of monitoring well MW-05 facing south

Photo 4:
Monitoring well MW-05 and soil vapor point SV-05 facing south

Project Photos

824 Broadway and (North of) 1 Partition Street
Rensselaer, New York

Photo 5:
Installation of monitoring well MW-01 facing northeast

Photo 6:
Installation of monitoring well MW-03 facing northeast

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Project Photos

824 Broadway and (North of) 1 Partition Street
Rensselaer, New York

Photo 7:
Locations of monitoring wells MW-04 and MW-05

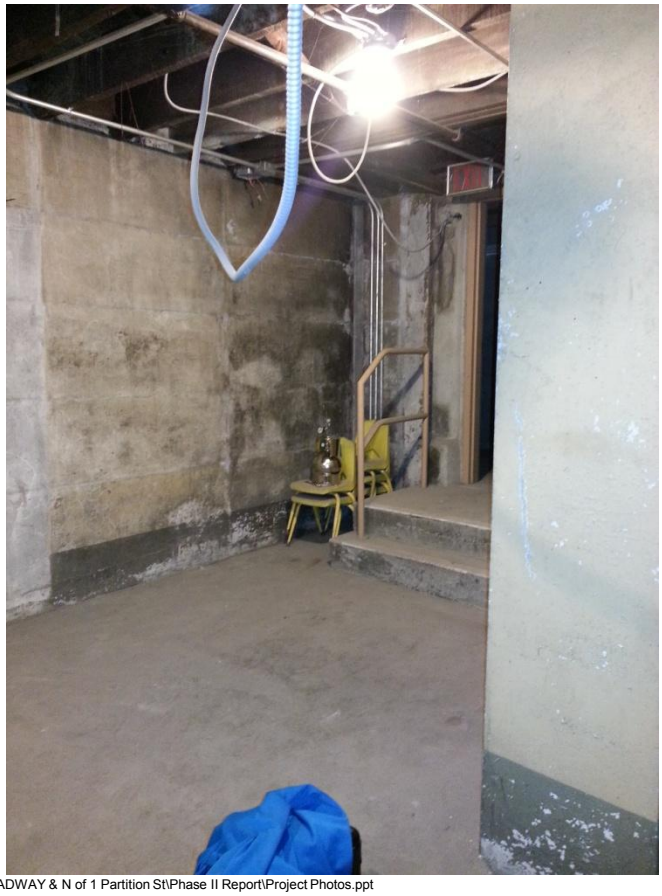

Photo 8:
Inside of 810 Broadway, location of BRO-IA-01

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Project Photos

824 Broadway and (North of) 1 Partition Street
Rensselaer, New York

Photo 9 :
Inside 810 Broadway, sampling location for BRO-SV-06

Photo 10:
Sampling set up for BRO-SV-01 at (North of) 1 Partition Street

Photo 11:
Inside 800 Broadway, site of BRO-IA-02

Photo 12:
Inside 800 Broadway, site of BRO-SV-01 (800 Broadway)

Photo 13:
Site of BRO-AA-02

Photo 14:
Monitoring well MW-01 and SV-01 after well and soil vapor point installation

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Appendix **C**

Groundwater Purge Logs

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WELL NUMBER: MW-01 DATE: 6-12-2013

PROJECT NAME: 824 Broadway and (North of) 1 Partition Street
PROJECT NUMBER: 05608003.0000
SAMPLERS: AAW

A: Total Casing and Screen Length: 14.2

B: Casing Internal Diameter: 2"

C: Water Level Below Top of Casing: 6.49

D: Volume of Water in Casing: 1.3

Well I.D.	Vol. Gal./ft.
1"	0.04
2"	0.17
3"	0.38
4"	0.66
5"	1.04
6"	1.50
8"	2.60

v = 0.0408 (2)^2 x (14.20 - 6.49) = 1.3 gal.

PARAMETER	ACCUMULATED VOLUME PURGED											
Time	1000	1005	1010	1015	1020	1025	1030	1035	1040			
Gallons				2					5			
Depth to Water	7.05	7.61	8.18	8.82	9.70	10.50	11.10	11.60	12.10			
pH	7.31	6.86	6.83	6.91	7.01	7.23	7.29	7.33	7.37			
Conductivity (mohm/cm	1.490	1.220	1.010	0.970	0.982	1.030	1.070	1.250	1.230			
Turbidity (ntu)	143.0	240.0	459.0	468.0	630.0	517.0	311.0	232	257			
Dissolved Oxygen (mg/l)	6.92	6.39	6.75	5.88	5.16	5.23	5.20	5.08	5.18			
Temperature (°C)	15.01	13.85	13.71	13.55	13.45	13.40	13.50	13.32	13.50			
Salinity	0.7	0.6	0.5	0.5	0.5	0.5	0.6	0.5	0.5			
TDS	0.938	0.770	0.645	0.619	0.629	0.654	0.686	0.737	0.727			
Redox (mV)	44	88	106	115	116	111	110	111	112			

Notes:
begin purge at 10:00 with bladder pump
BRO-MW-01 and MS/MSD @10:40 for VOCs
BRO-MW-DUP for VOCs
BRO-GW-FB (field blank) taken after sample for VOCs

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WELL NUMBER: MW-02 DATE: 4-23-2013

PROJECT NAME: 824 Broadway and (North of) 1 Partition Street
PROJECT NUMBER: 05608003.0000
SAMPLERS: DLG

A: Total Casing and Screen Length: 17.58

B: Casing Internal Diameter: 2"

C: Water Level Below Top of Casing: 14.23

D: Volume of Water in Casing: 0.6

Well I.D.	Vol. Gal./ft.
1"	0.04
2"	0.17
3"	0.38
4"	0.66
5"	1.04
6"	1.50
8"	2.60

v = 0.0408 (2)^2 x (17.58 - 14.23) = 0.6 gal.

PARAMETER	ACCUMULATED VOLUME PURGED											
Time	1253	1258	1303	1308	1313	1318	1323	1328	1333		1355	
Gallons				1		1.5			2			
Depth to Water	14.53	14.89	15.04	15.20		15.43		>15.8				
pH	7.66	7.52	7.53	7.51	7.52	7.53	7.46	7.45	7.44		7.46	
Conductivity (mohm/cm	1.300	1.300	1.280	1.260	1.250	1.440	1.490	1.510	1.490		1.5	
Turbidity (ntu)	337.0	39.5	0.0	0.0	0.0	0.0	168.0	182	148		1.5	
Dissolved Oxygen (mg/l)	6.23	7.41	7.25	7.03	6.75	6.95	5.60	5.94	6.00		5.04	
Temperature (°C)	12.49	12.41	12.29	12.25	12.26	12.27	12.24	12.36	12.30		12.6	
Salinity	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.8	0.7		0.7	
TDS	0.832	0.832	0.816	0.808	0.801	0.921	0.952	0.969	0.954		0.96	
Redox (mV)	179	182	183	184	182	181	178	179	180		184	

Notes: Begin purge at 1245 with bladder pump
Turn pump off at 1333 to let well recharge, collect sample at 1355
BRO-GW-2 for TCL VOCs

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WELL NUMBER: MW-04 DATE: 5-29-2013

PROJECT NAME: 824 Broadway and (North of) 1 Partition Street
PROJECT NUMBER: 05608003.0000
SAMPLERS: JW, BQ, RD

A: Total Casing and Screen Length: 19.14

B: Casing Internal Diameter: 2"

C: Water Level Below Top of Casing: 18.22

D: Volume of Water in Casing:

Well I.D.	Vol. Gal./ft.
1"	0.04
2"	0.17
3"	0.38
4"	0.66
5"	1.04
6"	1.50
8"	2.60

v = 0.0408 (2)^2 x (19.14 - 18.22) = 0.16 gal.

PARAMETER	ACCUMULATED VOLUME PURGED											
Time												
Gallons												
Depth to Water												
pH												
Conductivity (mohm/cm												
Turbidity (ntu)												
Dissolved Oxygen (mg/l)												
Temperature (°C)												
Salinity												
TDS												
Redox (mV)												

Notes: being purge at 1445, purged dry at 1446 with less than 500 mL purged
Sample for VOCs

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WELL NUMBER: MW-05 DATE: 4-23-2013

PROJECT NAME: 824 Broadway and (North of) 1 Partition Street
PROJECT NUMBER: 05608003.0000
SAMPLERS: DLG

A: Total Casing and Screen Length: 17.55

B: Casing Internal Diameter: 2"

C: Water Level Below Top of Casing: 11.03

D: Volume of Water in Casing: 1.1

Well I.D.	Vol. Gal./ft.
1"	0.04
2"	0.17
3"	0.38
4"	0.66
5"	1.04
6"	1.50
8"	2.60

v = 0.0408 (2)^2 x (17.55 - 11.03) = 1.1

PARAMETER	ACCUMULATED VOLUME PURGED												
Time	1005	1010	1015	1020	1025	1030	1035	1040	1045	1050	1055	1100	1105
Gallons	0.5				1.5		2.5			3.5		4	
Depth to Water	11.93			12.17		12.38			12.53			12.7	
pH	6.73	7.29	7.36	7.42	7.39	7.43	7.44	7.43	7.42	7.43	7.45	7.46	7.45
Conductivity (mohm/cm	3.46	3.48	3.56	3.57	3.55	3.56	3.58	3.60	3.63	3.66	3.71	3.73	3.74
Turbidity (ntu)	48.0	5.6	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0
Dissolved Oxygen (mg/l)	3.72	4.24	3.41	2.66	2.33	1.85	1.46	1.19	1.01	1.00	0.58	0.56	0.57
Temperature (°C)	11.88	12.46	12.61	12.73	12.77	12.83	12.85	12.88	12.87	12.9	12.9	13	13
Salinity	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
TDS	2.21	2.23	2.28	2.28	2.27	2.28	2.29	2.30	2.33	2.340	2.37	2.39	2.39
Redox (mV)	276	257	246	233	225	213	202	193	183	170	150	145	141

Notes: Begin purge at 957 with bladder pump. Collect sample at 1105
Purged ~4.5 gallons
BRO-GW-5 for TCL VOCs and TCL SVOCs

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Appendix **D**

Waste Disposal Manifests

ENTERED

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	N/A	1	518-615-0349	070913 - D1

GENERATOR

5. Generator's Name and Mailing Address
City of Rensselaer
62 Washington St.
Rensselaer, NY 12144 USA

Generator's Site Address (if different than mailing address)
624 Broadway
Rensselaer, NY 12144 USA

Generator's Phone: 518-465-1693

6. Transporter 1 Company Name: MC Environmental Services, Inc. — U.S. EPA ID Number: NYR000021071

7. Transporter 2 Company Name: Veolia ES Technical Solutions — U.S. EPA ID Number: NJD082621368

8. Designated Facility Name and Site Address: Veolia ES Technical Solutions, LLC
4301 Infirmary Road
West Carrollton, OH 45449 USA — U.S. EPA ID Number: OHD083945293

Facility's Phone: 937-859-2207

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Non-DOT Regulated None None	7	DM	2000	P	
2.	Non-Hazardous Non DOT-Regulated None None	2	DM	110	G	
3.						
4.						

13. Special Handling Instructions and Additional Information
~~9.1 - WIP #476141~~ Approval #: SRRLFSOL-NH , 55182
~~9.2 - WIP #476139~~ Approval #: SRRLFLIQ - NH , 55182
9.1 WIP 476563
9.2 WIP 476560

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Christine Thomas / For City of Rensselaer — Signature: / For City of Rensselaer — Month 7 Day 9 Year 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jim Shaw — Signature: — Month 7 Day 9 Year 13

Transporter 2 Printed/Typed Name: Greg Abele — Signature: — Month 7 Day 9 Year 13

DESIGNATED FACILITY

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

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Appendix **E**

Data Usability Summary Report – Data Validation Services

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
harry@frontiernet.net

July 19, 2013

Christine Thomas
ARCADIS Malcolm Pirnie, Inc.
855 Route 146 Suite 210
Clifton Park, NY 12065

RE: **D**ata **U**sability **S**ummary **R**eport for the USEPA Brownfield Site
824 Broadway (North of) Partition Street, Rensselaer, NY
Chemtech SDG Nos. D1856, E2401, and E2556
ALS SDG Nos. P1301756 and P1302276

Dear Ms. Thomas:

Review has been completed for the data packages generated by Chemtech Laboratories and ALS/CAS that pertain to samples collected between 04/11/13 and 06/12/13 at the 824 Broadway (North of) Partition Street site. Seven soil samples, five aqueous samples, and a field duplicate of each matrix were processed for TCL volatiles by USEPA SW846 method 8260B. One of the aqueous samples was also processed for TCL semivolatiles by USEPA SW846 method 8270D (including SIM). Twelve 6L summa canister samples and a field duplicate were analyzed for volatile analytes by USEPA method TO-15. Data pertaining to other analytes (waste characterization) reported in the data packages did not require or undergo validation review.

The data packages submitted contained full deliverables for validation, but this usability report is generated from review of the summary form information, with full review of sample raw data, and limited review of associated QC raw data. Full validation has not been performed. However, the reported summary forms have been reviewed for application of validation qualifiers, using guidance from the USEPA Region 2 validation SOPs HW-24 and HW-31, as outlined in the project QAPP of March 29, 2013.

The following items were reviewed:

* Laboratory Narrative Discussion
* Case Narratives
* Custody Documentation
* Holding Times
* Surrogate and Internal Standard Recoveries
* Matrix Spike Recoveries/Duplicate Correlations
* Field/Method/Canister Blanks
* Laboratory Control Samples
* Instrumental Tunes
* Calibration Standards
* Sample Result Verification

The data review includes evaluation of the specific items noted in The NYS DER-10 Appendix B section 2.0 (c) (DUSR description).

The items listed above that show deficiencies are discussed within the text of this narrative. The laboratory QC forms illustrating the excursions can be found within the laboratory data packages.

In summary, sample results are usable either as reported or with minor qualification. Accuracy and precision data are acceptable.

Copies of the laboratory sample ID summaries and case narratives are attached to this text. Included with this report are red-ink edited client results tables.

The following text discusses quality issues of concern.

Chains-of-Custody

The down arrow for the collection date of 04/15/13 was omitted from the custody.

TCL Volatiles by EPA 8260B

The laboratory data packages do not show the proper reporting limits for undetected analytes in the "Conc" fields on the sample report forms. Those values should be those in the "LOQ/CRQL" fields. Those reported by the laboratory are only half the values supported by the raw data.

The matrix spikes of BRO-SB-1 4-5, BRO-MW-01, and BRO-IDW show recoveries and correlations within validation guidelines. The blind field duplicate evaluations of BRO-SB-3 and BRO-MW-01 show good correlations.

Calibrations standards showed responses within analytical protocol and validation guidelines, with the exception of the following, results for which are qualified as estimated in the indicated samples:

- 1,2,3-trichlorobenzene (64%RSD), 1,2,4-trichlorobenzene (61%RSD), and 1,2-dibromo-3-chloropropane (low RRFs) in BRO-SS-01, BRO-SS-02, and BRO-IDW
- methylene chloride (21%RSD) and 1,2-dibromo-3-chloropropane (low RRFs) in BRO-SB-4-5-7, BRO-SB-5-8-9, BRO-SB-DUP, and BRO-SB-FB
- cyclohexane in the samples collected 06/12/13 and reported in SDG E2556

Due to low recoveries in the associated LCSs, the following results are qualified as estimated in value:

- methylene chloride (68%) in BRO-SS-01, BRO-SS-02, and BRO-IDW
- 1,2,3-trichlorobenzene (69%) in BRO-SB-4-5-7, BRO-SB-5-8-9, BRO-SB-DUP, and BRO-SB-FB

Tentatively Identified Compounds (TICs) that are identified with a CAS number should have been flagged as "N" by the laboratory to indicate a tentative identification.

Holding times were met. Surrogate and internal standard responses are within required ranges. Blanks show no contamination.

TCL Semivolatiles by EPA 8270D (with SIM)

The laboratory data packages do not show the proper reporting limits for undetected analytes in the "Conc" fields on the sample report forms. Those values should be those in the "LOQ/CRQL" fields. Those reported by the laboratory are only half the values supported by the raw data.

The detected result for pentachlorophenol in the sample is edited to non-detection at the reporting limit due to non-subtractive mass spectral interferences.

No project matrix spikes were performed. The LCSs show compliant recoveries within validation guidelines.

Calibrations standards showed responses within analytical protocol and validation guidelines, with the exception of the responses for 2,4-dinitrophenol (low RRFs). The result for that analyte is qualified as estimated in the sample.

The TIC that is flagged by the laboratory as "AB" is an extraction artifact, and is not to be considered a sample component.

Holding times were met. Surrogate and internal standard responses are within required ranges. Blanks show no contamination.

Volatile Analyses by EPA TO-15

The following detected results are qualified as tentative in identification and estimated in value due to interferences in the mass spectra:

- 1,4-dichlorobenzene in BRO-SV-06
- propene in BRO-IA-02
- trichlorofluoromethane in BRO-SV-3
- 1,3-dichlorobenzene, 1,3-butadiene, chloroethane, trichlorofluoromethane, and 1,1,2-trichloroethane in BRO-SV-1

The following detected results are edited to non-detection due to very poor mass spectral quality:

- styrene, n-butyl acetate, and 4-methyl-2-pentanone in BRO-SV-1
- 2-propanol, styrene, n-butyl acetate and n-hexane in BRO-SV-3

Detected results for methylene chloride in the samples collected 05/29/13 are considered external contamination, and indicated by the presence in the associated method blank. Those detections have been edited to reflect non-detection.

The laboratory duplicate evaluation of BRO-SV-5 shows good correlations.

The blind field duplicate evaluation of BRO-SV-2 shows good correlations, with the exceptions of those for acetone and ethyl acetate (both exceed ±CRDL). Results for those two compounds in the parent sample and its duplicate have been qualified as estimated in value.

Initial and continuing calibration standard responses fall within analytical requirements and

guidelines. Holding times and instrument tunes meet requirements. Surrogate and internal standard responses meet required limits. Canister blanks show no contamination.

Please do not hesitate to contact me if you have comments or questions regarding this report.

Very truly yours,

Judy Harry

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected. The associated reported quantitation limit is an estimate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

CLIENT and LABORATORY SAMPLE IDs and LABORATORY CASE NARRATIVES

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Cover Page

Order ID : E1856

Project ID : Dry Cleaners on Broadway

Client : Arcadis Inc.

Lab Sample Number	Client Sample Number
E1856-01	BRO-SB-4-5-7
E1856-02	BRO-SB-5-8-9
E1856-03	BRO-SB-1-4-5
E1856-04	E1856-03MS
E1856-05	E1856-03MSD
E1856-06	BRO-SB-3-5-6
E1856-07	BRO-SB-DUP
E1856-08	BRO-SB-FB
E1856-09	TRIPBLANK
E1856-10	BRO-SS-01
E1856-11	BRO-SS-02
E1856-12	BRO-GW-01
E1856-14	BRO-IDW
E1856-15	BRO-GW-5
E1856-16	BRO-GW-2
E1856-17	BRO-IDW-2
E1856-18	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 : Mildred V Reyes

Mildred V. Reyes, QA/QC Supervisor
2013.05.10 07:49:10 -05'00'

Date: 5/9/2013

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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Cover Page

Order ID : E2401

Project ID : Dry Cleaners on Broadway

Client : Arcadis Inc.

Lab Sample Number	Client Sample Number
E2401-01	BRO-GW-MW-4
E2401-02	TB

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 : Mildred V Reyes

Mildred V. Reyes, QA/QC Supervisor
2013.06.12 13:31:24 -05'00'

Date: 6/12/2013

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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Cover Page

Order ID : E2556

Project ID : Dry Cleaners on Broadway

Client : Arcadis Inc.

Lab Sample Number	Client Sample Number
E2556-01	BRO-MW-01
E2556-02	E2556-01MS
E2556-03	E2556-01MSD
E2556-04	BRO-GW-FB
E2556-05	TRIPBLANK
E2556-06	BRO-MW-DUP

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 : Mildred V Reyes

Mildred V. Reyes, QA/QC Supervisor
2013.06.25 14:42:40 -05'00'

Date: 6/19/2013

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DETAIL SUMMARY REPORT

Client: ARCADIS U.S., Inc.
Project ID: 824 Broadway / 05608003.0000
Service Request: P1301756

Date Received: 4/25/2013
Time Received: 09:40

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pil (psig)	Pfl (psig)	TO-15 - VOC Cans
BRO-SV-06	P1301756-001	Soil Gas	4/17/2013	10:36	SC00327	-0.88	3.64	X
BRO-IA-01	P1301756-002	Ambient Ai	4/17/2013	10:38	AC01127	-2.82	3.64	X
BRO-IA-02	P1301756-003	Ambient Ai	4/18/2013	08:50	AC00870	-2.22	3.59	X
BRO-SV-02	P1301756-004	Soil Gas	4/22/2013	14:05	SC00122	-2.50	3.75	X
BRO-AA-1	P1301756-005	Ambient Ai	4/22/2013	14:06	AC01194	-2.58	3.70	X
BRO-SV-3	P1301756-006	Soil Gas	4/22/2013	14:04	SC00517	-1.36	3.57	X
BRO-SV-4	P1301756-007	Soil Gas	4/22/2013	13:58	SC01545	-1.13	4.35	X
BRO-SV-5	P1301756-008	Soil Gas	4/22/2013	14:02	SC00897	-1.68	3.70	X
BRO-SV-1	P1301756-009	Soil Gas	4/22/2013	14:12	SC00983	-0.45	3.53	X
BRO-SV-DUP	P1301756-010	Soil Gas	4/22/2013	12:00	SC01515	-1.62	3.59	X

COLUMBIA ANALYTICAL SERVICES, INC.

DETAIL SUMMARY REPORT

Client: ARCADIS U.S., Inc. Service Request: P1302276

Project ID: Rensselaer Brownfields / 05608003.0000

Date Received: 5/30/2013

Time Received: 09:50

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pfl (psig)	TO-15 - VOC Cans
BRO-SV-01	P1302276-001	Soil Gas	5/29/2013	13:49	SC01543	-1.11	3.55	X
BRO-IA-02	P1302276-002	Ambient Ai	5/29/2013	13:31	SC00542	-2.69	3.62	X
BRO-AA-02	P1302276-003	Ambient Ai	5/29/2013	13:49	SC00653	-1.41	3.53	X

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CASE NARRATIVE

Arcadis Inc.
Project Name: Dry Cleaners on Broadway
Project # N/A
Chemtech Project # E1856
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 04/13/2013.
5 Solid samples were received on 04/16/2013.
3 Solid samples were received on 04/19/2013.
1 Solid sample was received on 04/24/2013.
2 Water samples were received on 04/16/2013.
1 Water sample was received on 04/19/2013.
3 Water samples were received on 04/24/2013.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20, SVOCMS Group1, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA, TCLP ZHE Extraction, VOC-TCLVOA-10 and VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_D were done using GC column RTX-VMS which is 20 meters, 0.18 mm id, 1.0 um df, Restek Cat. #49914. The Trap was supplied by SUPELCO, K (VOACARB 3000) , TEKMAR LSC-2000 Concentrator.The analysis performed on instrument MSVOA_F were done using GC column RTX-VMS, which is 20 meters, 0.18 mm id, 1.0 um df, Restek Cat. #49914. The Trap was supplied by Supelco, VOCARB 3000, Tekmar 2000 Concentrator.The analysis performed on instrument MSVOA_G were done using GC column RTX-VMS which is 20 meters, 0.18 mm id, 1.0 um df, Restek Cat. #49914. The Trap was supplied by OI Analytical, OI #10 Trap , OI Eclipse 4660 Concentrator.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 VOC-TCLVOA-10 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 MS {E1856-14MS} with File ID: VD037702.D recoveries met the requirements for all compounds except for 1,2,3-Trichlorobenzene[157%] and 1,2-Dibromo-3-Chloropropane[152%] .

The MS {E2024-03MS} with File ID: VN005519.D recoveries met the requirements for all compounds except for 1,1-Dichloroethene[133%], Chloromethane[135%], cis-1,2-Dichloroethene[1800%], Trichloroethene[200%] and Vinyl chloride[600%] .
The MSD {E1856-14MSD} with File ID: VD037703.D recoveries met the acceptable requirements except for 1,2,3-Trichlorobenzene[149%] and 1,2-Dibromo-3-Chloropropane[148%] .The MSD {E2024-04MSD} with File ID: VN005520.D recoveries met the acceptable requirements except for 1,1-Dichloroethene[133%], Chloromethane[137%], cis-1,2-Dichloroethene[1800%], Trichloroethene[200%] and Vinyl chloride[600%] .
The RPD for {E1856-14MSD} with File ID: VD037703.D recoveries met criteria except for Carbon Tetrachloride[31%] .
The RPD for {E1856-05MSD} with File ID: VF037921.D recoveries met criteria except for 1,4-Dioxane[38%] .
The Blank Spike for {VD0419SBS01} with File ID: VD037687.D met requirements for all samples except for Methylene Chloride[68%] and Methylene Chloride .
The Blank Spike Duplicate met requirements for all samples .The Blank Spike for {VF0415SBS01} with File ID: VF037872.D met requirements for all samples except for 1,2,4-Trichlorobenzene[69%], 1,2-Dibromo-3-Chloropropane[70%] and 2-Butanone[140%] .The Blank Spike for {VF0416SBS02} with File ID: VF037901.D met requirements for all samples except for 2-Hexanone[140%], Acetone[140%] .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .The %RSD is greater than 15% in the Initial Calibration (Method \82D041813S.M) for Methylene Chloride, 1,2,4-Trichlorobenzene,1,2,3-Trichlorobenzene these compounds are passing on Quadratic regression. The %RSD is greater than 15% in the Initial Calibration (Method \82F041213S.M) for Dichlorodifluoromethane,Methylene Chloride, 1,2,4-Trichlorobenzene,1,2,3-Trichlorobenzene, Bromoform , 1,2-Dibromo-3-Chloropropane, 1,2,3-Trichlorobenzene these compounds are passing on Quadratic regression. The %RSD is greater than 15% in the Initial Calibration (Method \82F041213S.M) for.Methyl Acetate, Bromochloromethane these compounds are passing on Linear regression. The %RSD is greater than 15% in the Initial Calibration (Method \82G041513W.M) forDichlorodifluoromethane.Methyl Acetate, Bromochloromethanethis compound is passing on Linear regression, The %RSD is greater than 15% in the Initial Calibration (Method \82G041513W.M) for Chloroethane, Acetone. these compounds are passing on Quadratic regression. The %RSD is greater than 15% in the Initial Calibration (Method \82G041513W.M) for Dichlorodifluoromethane. Methyl Acetate, Bromochloromethane these compounds are passing on Linear regression.
The %RSD is greater than 15% in the Initial Calibration (Method \82N041513W.M) for Bromomethane, Cyclohexane, these compounds are passing on Linear regression.
The %RSD is greater than 15% in the Initial Calibration (Method \82N050313W.M) for Cyclohexane this compound is passing on Linear regression.
The Continuous Calibration File ID VD037705.D met the requirements except for Methylene Chloride.
.The Continuous Calibration File ID VF037897.D met the requirements except for Acetone, Methyl tert-butyl Ether,2-Butanone, Bromochloromethane, 4-Methyl-2-Pentanone and 2-Hexanone .
The Continuous Calibration File ID VN005629.D met the requirements except for Acetone, 2-Butanone, Bromochloromethane, 4-Methyl-2-Pentanone and 2-Hexanone but it is not present in any associates samples.

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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 Mildred V Reyes Mildred V. Reyes, QA/QC Supervisor
2013.05.10 07:48:58 -05'00'

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CASE NARRATIVE

Arcadis Inc.
Project Name: Dry Cleaners on Broadway
Project # N/A
Chemtech Project # E1856
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 04/13/2013.
5 Solid samples were received on 04/16/2013.
3 Solid samples were received on 04/19/2013.
1 Solid sample was received on 04/24/2013.
2 Water samples were received on 04/16/2013.
1 Water sample was received on 04/19/2013.
3 Water samples were received on 04/24/2013.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20, SVOCMS Group1, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA, TCLP ZHE Extraction, VOC-TCLVOA-10 and VOC-TCLVOA-10. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_A using GC Column RTX-5 SILMS which is 30 meters, 0.32 mm ID, 0.5 um df, Catalog # 12739-125.The samples were analyzed on instrument BNA_F using GC Column RTX-5 which is 20 meters, 0.18 mm ID, 0.36 um dfThe analysis of SVOC-TCL BNA -20 was based on method 8270D and extraction was done based on method 3510.C

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 {E1974-02MS} with File ID: BF061935.D recoveries met the requirements for all compounds except for 1,2,4,5-Tetrachlorobenzene[88%] and 2,3,4,6-Tetrachlorophenol[82%] .
The MSD recoveries met the acceptable requirements .
The RPD for {E1974-02MSD} with File ID: BF061936.D recoveries met criteria except for 2,4-Dinitrophenol[27%], 4,6-Dinitro-2-methylphenol[30%] and Naphthalene[29%] .
The Blank Spike for {PB69431BS} with File ID: BF061949.D met requirements for all samples except for Hexachlorocyclopentadiene[130%] .
The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .
The %RSD is greater than 15% in the Initial Calibration (Method 8270-BA042513.M) for Pentachlorophenol,Hexachlorocyclopentadiene, 4-Nitrophenol these compounds are passing on Linear regression while 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Benzaldehyde these compounds are passing on Quadratic regression .
The %RSD is greater than 15% in the Initial Calibration (Method 8270-BF042513.M) for Pentachlorophenol,4,6-Dinitro-2-methylphenol, Hexachlorocyclopentadiene, 4-Nitrophenol these compounds are passing on Linear regression while 2,4-Dinitrophenol, Benzaldehyde these compounds are passing on Quadratic 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 Mildred V Reyes

Mildred V. Reyes, QA/QC Supervisor
2013.05.10 07:41:05 -05'00'

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CASE NARRATIVE

Arcadis Inc.
Project Name: Dry Cleaners on Broadway
Project # N/A
Chemtech Project # E1856
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 04/13/2013.
5 Solid samples were received on 04/16/2013.
3 Solid samples were received on 04/19/2013.
1 Solid sample was received on 04/24/2013.
2 Water samples were received on 04/16/2013.
1 Water sample was received on 04/19/2013.
3 Water samples were received on 04/24/2013.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20, SVOCMS Group1, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA, TCLP ZHE Extraction, VOC-TCLVOA-10 and VOC-TCLVOA-10. This data package contains results for SVOCMS Group1.
.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_A using GC Column RTX-5 SILMS which is 30 meters, 0.32 mm ID, 0.5 um df, Catalog # 12739-125.
The analysis of SVOCMS Group1 was based on method 8270-Modified and extraction was done based on method 3510C.

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 Blank Spike for {PB69431BS} with File ID: BF061949.D met requirements for all samples except for Hexachlorocyclopentadiene[130%] .
The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .
The %RSD is greater than 15% in the Initial Calibration (Method \SIM-BB043013.M) for 2-Fluorophenol,Phenol-d6, Nitrobenzene-d5, 2-Nitrophenol,2,4,6-Tribromophenol, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, Pentachlorophenol,Indeno(1,2,3-cd)pyrene, Benzo(k)fluoranthene 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__ Mildred V Reyes Mildred V. Reyes, QA/QC Supervisor 2013.05.10 07:39:50 -05'00'

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Arcadis Inc.
Project Name: Dry Cleaners on Broadway
Project # N/A
Chemtech Project # E2401
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
2 Water samples were received on 05/30/2013.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

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 VOC-TCLVOA-10 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 Initial Calibration met the requirements.
The %RSD is greater than 15% in the Initial Calibration (Method 82N051613W.M) for Cyclohexane this compound is passing on linear regression.
The Continuous Calibration File ID VN006159.D met the requirements except for Dichlorodifluoromethane but it was not detected in any samples.
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.

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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 Mildred V Reyes Mildred V. Reyes, QA/QC Supervisor
2013.06.12 13:31:01 -05'00'

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Arcadis Inc.
Project Name: Dry Cleaners on Broadway
Project # N/A
Chemtech Project # E2556
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
6 Water samples were received on 06/13/2013.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

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 VOC-TCLVOA-10 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 MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD recoveries met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The %RSD is greater than 15% in the Initial Calibration (Method 82N051613W.M) for Cyclohexane compound is passing on Linear regression.
The Continuous Calibration met the requirements .
The Tuning criteria met requirements.

E. Additional Comments:
The sample# BRO-MW-DUP has pH>2A.
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.

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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 Mildred V Reyes

Mildred V. Reyes, QA/QC Supervisor
2013.06.25 14:42:24 -05'00'

Client: ARCADIS U.S., Inc.
Project: 824 Broadway / 05608003.0000

Service Request No: P1301756
New York Lab ID: 11221

CASE NARRATIVE

The samples were received intact under chain of custody on April 25, 2013 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. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. Any analytes flagged with an X are not included on the laboratory's NELAP or DoD-ELAP scope of accreditation.

The Summa canisters were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. dba ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of Columbia Analytical Services, Inc. dba 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.

Client: ARCADIS U.S., Inc.
Project: Rensselaer Brownfields / 05608003.0000

Service Request No: P1302276
New York Lab ID: 11221

CASE NARRATIVE

The samples were received intact under chain of custody on May 30, 2013 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. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. Any analytes flagged with an X are not included on the laboratory's NELAP or DoD-ELAP scope of accreditation.

The Summa canisters were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. dba ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of Columbia Analytical Services, Inc. dba 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.

QUALIFIED CLIENT RESULTS TABLES

Table 1. Summary of Air Results - DRAFT UNVALIDATED
824 Broadway (North of) 1 Partition Street
Rensselaer, New York
Phase II ESA

Location		(N of) 1 Partition St	824 Broadway			City ROW
Sample ID		BRO-SV-1	BRO-SV-02	BRO-SV-DUP (BRO-SV-2)	BRO-AA-1	BRO-SV-3
Sample Date		4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013
Matrix		Result	Result	Result	Result	Result
Unit		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
CAS No.	Compound					
71-55-6	1,1,1-Trichloroethane	0.13 ND	**0.21**	**0.23**	0.15 ND	**0.21**
79-34-5	1,1,2,2-Tetrachloroethane	0.13 ND	0.15 ND	0.14 ND	0.15 ND	0.14 ND
79-00-5	1,1,2-Trichloroethane	**0.14** NJ	0.15 ND	0.14 ND	0.15 ND	0.14 ND
75-34-3	1,1-Dichloroethane	0.13 ND	0.15 ND	0.14 ND	0.15 ND	0.14 ND
75-35-4	1,1-Dichloroethene	0.13 ND	0.15 ND	0.14 ND	0.15 ND	0.14 ND
120-82-1	1,2,4-Trichlorobenzene	0.64 ND	0.76 ND	0.70 ND	0.76 ND	0.69 ND
95-63-6	1,2,4-Trimethylbenzene	**2.5**	**0.92**	**0.90**	0.76 ND	**12**
96-12-8	1,2-Dibromo-3-chloropropane	0.64 ND	0.76 ND	0.70 ND	0.76 ND	0.69 ND
106-93-4	1,2-Dibromoethane	0.13 ND	0.15 ND	0.14 ND	0.15 ND	0.14 ND
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	0.64 ND	0.76 ND	0.70 ND	0.76 ND	0.69 ND
95-50-1	1,2-Dichlorobenzene	0.13 ND	0.15 ND	0.14 ND	0.15 ND	0.14 ND
107-06-2	1,2-Dichloroethane	0.13 ND	0.15 ND	0.14 ND	0.15 ND	0.14 ND
78-87-5	1,2-Dichloropropane	0.13 ND	0.15 ND	0.14 ND	0.15 ND	0.14 ND
108-67-8	1,3,5-Trimethylbenzene	**0.75**	**0.24**	**0.24**	0.76 ND	**4.5**
106-99-0	1,3-Butadiene	**0.54** NJ	0.30 ND	0.28 ND	0.30 ND	0.27 ND
541-73-1	1,3-Dichlorobenzene	**0.12** NJ	0.15 ND	0.14 ND	0.15 ND	0.14 ND
106-46-7	1,4-Dichlorobenzene	0.13 ND	0.15 ND	0.14 ND	0.15 ND	0.14 ND
123-91-1	1,4-Dioxane	0.64 ND	0.76 ND	0.70 ND	0.76 ND	0.69 ND
78-93-3	2-Butanone (MEK)	**3.0**	**0.82**	**1.5**	**0.70**	**2.5**
591-78-6	2-Hexanone	0.64 ND	0.76 ND	**0.43**	0.76 ND	**3.5**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.3**	7.6 ND	7.0 ND	7.6 ND	**0.83** U
107-05-1	3-Chloro-1-propene (Allyl Chloride)	0.13 ND	0.15 ND	0.14 ND	0.15 ND	0.14 ND
622-96-8	4-Ethyltoluene	**0.90**	0.76 ND	0.70 ND	0.76 ND	**2.2**
108-10-1	4-Methyl-2-pentanone	**0.54** U	0.76 ND	0.70 ND	0.76 ND	**2.7**
67-64-1	Acetone	**23**	**4.8** J	**16** J	**5.1**	**16**
75-05-8	Acetonitrile	0.64 ND	0.76 ND	0.70 ND	0.76 ND	0.69 ND
107-02-8	Acrolein	2.6 ND	3.0 ND	**0.76**	3.0 ND	2.7 ND
107-13-1	Acrylonitrile	0.64 ND	0.76 ND	0.70 ND	0.76 ND	0.69 ND
80-56-8	alpha-Pinene	**6.8**	**0.23**	**0.27**	0.76 ND	**25**
71-43-2	Benzene	**2.6**	0.15 ND	**0.13**	**0.42**	**2.7**
100-44-7	Benzyl Chloride	0.64 ND	0.76 ND	0.70 ND	0.76 ND	0.69 ND
75-27-4	Bromodichloromethane	0.13 ND	0.15 ND	0.14 ND	0.15 ND	0.14 ND
75-25-2	Bromoform	0.64 ND	0.76 ND	0.70 ND	0.76 ND	0.69 ND
74-83-9	Bromomethane	0.13 ND	0.15 ND	0.14 ND	0.15 ND	0.14 ND
75-15-0	Carbon Disulfide	**12**	**1.3**	**0.60**	7.6 ND	**13**
56-23-5	Carbon Tetrachloride	**0.66**	0.15 ND	0.14 ND	**0.48**	**0.16**
108-90-7	Chlorobenzene	0.13 ND	0.15 ND	0.14 ND	0.15 ND	0.14 ND
75-00-3	Chloroethane	**0.27** NJ	0.15 ND	0.14 ND	0.15 ND	0.14 ND
67-66-3	Chloroform	**0.43**	**28**	**28**	0.15 ND	**0.78**
74-87-3	Chloromethane	0.26 ND	0.30 ND	0.28 ND	**0.45**	0.27 ND
156-59-2	cis-1,2-Dichloroethene	0.13 ND	0.15 ND	0.14 ND	0.15 ND	0.14 ND
10061-01-5	cis-1,3-Dichloropropene	0.64 ND	0.76 ND	0.70 ND	0.76 ND	0.69 ND
98-82-8	Cumene	**0.34**	0.76 ND	0.70 ND	0.76 ND	**0.97**
110-82-7	Cyclohexane	**2.5**	1.5 ND	1.4 ND	1.5 ND	**0.40**
124-48-1	Dibromochloromethane	0.13 ND	0.15 ND	0.14 ND	0.15 ND	0.14 ND
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	**12**	**12**	**2.5**	**2.6**
5989-27-5	d-Limonene	**4.0**	**0.50**	**0.59**	0.76 ND	**3.6**
64-17-5	Ethanol	**20**	7.6 ND	**1.5**	**3.0**	**3.7**
141-78-6	Ethyl Acetate	**17**	**0.72** J	**2.5** J	1.5 ND	**2.4**
100-41-4	Ethylbenzene	**2.5**	**0.32**	**0.28**	0.76 ND	**8.4**
87-68-3	Hexachlorobutadiene	0.64 ND	0.76 ND	0.70 ND	0.76 ND	0.69 ND
179601-23-1	m,p-Xylenes	**6.7**	**1.2**	**1.0**	0.76 ND	**33**
80-62-6	Methyl Methacrylate	1.3 ND	1.5 ND	1.4 ND	1.5 ND	1.4 ND
1634-04-4	Methyl tert-Butyl Ether	0.13 ND	0.15 ND	0.14 ND	0.15 ND	0.14 ND

Table 1. Summary of Air Results - DRAFT UNVALIDATED
824 Broadway (North of) 1 Partition Street
Rensselaer, New York
Phase II ESA

Location		(N of) 1 Partition St	824 Broadway			City ROW
Sample ID		**BRO-SV-1**	**BRO-SV-02**	**BRO-SV-DUP (BRO-SV-2)**	**BRO-AA-1**	**BRO-SV-3**
Sample Date		**4/22/2013**	**4/22/2013**	**4/22/2013**	**4/22/2013**	**4/22/2013**
Matrix		**Result**	**Result**	**Result**	**Result**	**Result**
Unit		**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**
CAS No.	Compound					
75-09-2	Methylene Chloride	**2.3**	**0.37**	**0.43**	**0.44**	**1.7**
91-20-3	Naphthalene	**0.29**	0.76 ND	0.70 ND	0.76 ND	**0.89**
123-86-4	n-Butyl Acetate	**1.6** U	0.76 ND	0.70 ND	0.76 ND	**0.44** U
142-82-5	n-Heptane	**17**	0.76 ND	0.70 ND	0.76 ND	**1.1**
110-54-3	n-Hexane	**34**	0.76 ND	0.70 ND	0.76 ND	**1.2** U
111-84-2	n-Nonane	**1.6**	0.76 ND	0.70 ND	0.76 ND	**19**
111-65-9	n-Octane	**6.2**	0.76 ND	0.70 ND	0.76 ND	**3.5**
103-65-1	n-Propylbenzene	**0.66**	0.76 ND	0.70 ND	0.76 ND	**2.2**
95-47-6	o-Xylene	**2.6**	**0.51**	**0.46**	0.76 ND	**15**
115-07-1	Propene	**11**	0.76 ND	**0.42**	**0.26**	**2.2**
100-42-5	Styrene	**0.21** U	0.76 ND	0.70 ND	0.76 ND	**0.22** U
127-18-4	Tetrachloroethene	**12**	**11**	**11**	0.15 ND	**41**
109-99-9	Tetrahydrofuran (THF)	**0.71**	0.76 ND	0.70 ND	0.76 ND	0.69 ND
108-88-3	Toluene	**13**	**0.93**	**0.87**	**0.57**	**8.2**
156-60-5	trans-1,2-Dichloroethene	0.13 ND	0.15 ND	0.14 ND	0.15 ND	0.14 ND
10061-02-6	trans-1,3-Dichloropropene	0.64 ND	0.76 ND	0.70 ND	0.76 ND	0.69 ND
79-01-6	Trichloroethene	0.13 ND	**1.3**	**1.3**	0.15 ND	0.14 ND
75-69-4	Trichlorofluoromethane	**1.3** NJ	**11**	**11**	**1.3**	**1.4** NJ
76-13-1	Trichlorotrifluoroethane	**0.61**	**0.57**	**0.63**	**0.61**	**0.65**
108-05-4	Vinyl Acetate	6.4 ND	7.6 ND	**1.1**	7.6 ND	6.9 ND
75-01-4	Vinyl Chloride	0.13 ND	0.15 ND	0.14 ND	0.15 ND	0.14 ND

Notes:
Detected results in bold.
ND - Compound not detected, reporting limit provided.

Table 1. Summary of Air Results - DRAFT UNVALIDATED
824 Broadway (North of) 1 Partition Street
Rensselaer, New York
Phase II ESA

Location		City ROW		810 Broadway	
Sample ID		BRO-SV-4	BRO-SV-5	BRO-SV-06	BRO-IA-01
Sample Date		4/22/2013	4/22/2013	4/22/2013	4/22/2013
Matrix		Result	Result	Result	Result
Unit		µg/m³	µg/m³	µg/m³	µg/m³
CAS No.	Compound				
71-55-6	1,1,1-Trichloroethane	**0.87**	**2.1**	0.13 U	0.15 U
79-34-5	1,1,2,2-Tetrachloroethane	0.70 U	2.0 U	0.13 U	0.15 U
79-00-5	1,1,2-Trichloroethane	0.70 U	2.0 U	0.13 U	0.15 U
75-34-3	1,1-Dichloroethane	0.70 U	2.0 U	0.13 U	0.15 U
75-35-4	1,1-Dichloroethene	0.70 U	2.0 U	0.13 U	0.15 U
120-82-1	1,2,4-Trichlorobenzene	3.5 U	10 U	0.67 U	0.77 U
95-63-6	1,2,4-Trimethylbenzene	3.5 U	10 U	**5.1**	**0.38**
96-12-8	1,2-Dibromo-3-chloropropane	3.5 U	10 U	0.67 U	0.77 U
106-93-4	1,2-Dibromoethane	0.70 U	2.0 U	0.13 U	0.15 U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	3.5 U	10 U	0.67 U	0.77 U
95-50-1	1,2-Dichlorobenzene	0.70 U	2.0 U	0.13 U	0.15 U
107-06-2	1,2-Dichloroethane	0.70 U	2.0 U	0.13 U	0.15 U
78-87-5	1,2-Dichloropropane	0.70 U	2.0 U	0.13 U	0.15 U
108-67-8	1,3,5-Trimethylbenzene	3.5 U	10 U	**1.9**	0.77 U
106-99-0	1,3-Butadiene	1.4 U	4.0 U	0.27 U	0.31 U
541-73-1	1,3-Dichlorobenzene	0.70 U	2.0 U	0.13 U	0.15 U
106-46-7	1,4-Dichlorobenzene	0.70 U	2.0 U	**0.19** NJ	0.15 U
123-91-1	1,4-Dioxane	3.5 U	10 U	0.67 U	0.77 U
78-93-3	2-Butanone (MEK)	35 U	100 U	**350**	**4.2**
591-78-6	2-Hexanone	3.5 U	10 U	**4.0**	0.77 U
67-63-0	2-Propanol (Isopropyl Alcohol)	35 U	100 U	**18**	**8.9**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	0.70 U	2.0 U	0.13 U	0.15 U
622-96-8	4-Ethyltoluene	3.5 U	10 U	**1.6**	0.77 U
108-10-1	4-Methyl-2-pentanone	3.5 U	10 U	**11**	0.77 U
67-64-1	Acetone	35 U	100 U	**220**	**85**
75-05-8	Acetonitrile	3.5 U	10 U	**13**	**0.85**
107-02-8	Acrolein	14 U	40 U	2.7 U	**1.0**
107-13-1	Acrylonitrile	3.5 U	10 U	**0.41**	0.77 U
80-56-8	alpha-Pinene	**1.0**	10 U	**5.2**	**8.9**
71-43-2	Benzene	**24**	**1.9**	**2.2**	**0.40**
100-44-7	Benzyl Chloride	3.5 U	10 U	0.67 U	0.77 U
75-27-4	Bromodichloromethane	0.70 U	2.0 U	0.13 U	0.15 U
75-25-2	Bromoform	3.5 U	10 U	0.67 U	0.77 U
74-83-9	Bromomethane	0.70 U	2.0 U	0.13 U	0.15 U
75-15-0	Carbon Disulfide	**11**	**6.1**	**7.1**	7.7 U
56-23-5	Carbon Tetrachloride	0.70 U	2.0 U	**0.46**	**0.50**
108-90-7	Chlorobenzene	0.70 U	2.0 U	0.13 U	0.15 U
75-00-3	Chloroethane	0.70 U	2.0 U	0.13 U	0.15 U
67-66-3	Chloroform	**6.6**	**78**	**0.71**	**0.16**
74-87-3	Chloromethane	1.4 U	4.0 U	0.27 U	**0.34**
156-59-2	cis-1,2-Dichloroethene	**1.5**	**11**	0.13 U	0.15 U
10061-01-5	cis-1,3-Dichloropropene	3.5 U	10 U	0.67 U	0.77 U
98-82-8	Cumene	3.5 U	10 U	**0.42**	0.77 U
110-82-7	Cyclohexane	7.0 U	20 U	1.3 U	1.5 U
124-48-1	Dibromochloromethane	0.70 U	2.0 U	0.13 U	0.15 U
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	10 U	**2.4**	**2.5**
5989-27-5	d-Limonene	3.5 U	10 U	**3.6**	**1.1**
64-17-5	Ethanol	35 U	100 U	**19**	**24**
141-78-6	Ethyl Acetate	7.0 U	20 U	**0.76**	1.5 U
100-41-4	Ethylbenzene	3.5 U	10 U	**3.7**	**0.31**
87-68-3	Hexachlorobutadiene	3.5 U	10 U	0.67 U	0.77 U
179601-23-1	m,p-Xylenes	3.5 U	10 U	**12**	**1.1**
80-62-6	Methyl Methacrylate	7.0 U	20 U	1.3 U	1.5 U
1634-04-4	Methyl tert-Butyl Ether	0.70 U	2.0 U	0.13 U	0.15 U

Table 1. Summary of Air Results - DRAFT UNVALIDATED
824 Broadway (North of) 1 Partition Street
Rensselaer, New York
Phase II ESA

Location		City ROW		810 Broadway	
Sample ID		BRO-SV-4	BRO-SV-5	BRO-SV-06	BRO-IA-01
Sample Date		4/22/2013	4/22/2013	4/22/2013	4/22/2013
Matrix		Result	Result	Result	Result
Unit		µg/m³	µg/m³	µg/m³	µg/m³
CAS No.	Compound				
75-09-2	Methylene Chloride	**1.5**	**3.9**	**1.0**	**0.53**
91-20-3	Naphthalene	3.5 U	10 U	**0.29**	**0.64**
123-86-4	n-Butyl Acetate	3.5 U	10 U	**0.74**	0.77 U
142-82-5	n-Heptane	3.5 U	10 U	**0.60**	**0.26**
110-54-3	n-Hexane	3.5 U	10 U	**0.89**	**0.53**
111-84-2	n-Nonane	3.5 U	10 U	**1.1**	**0.23**
111-65-9	n-Octane	3.5 U	10 U	**0.87**	**0.26**
103-65-1	n-Propylbenzene	3.5 U	10 U	**1.0**	0.77 U
95-47-6	o-Xylene	3.5 U	10 U	**4.2**	**0.41**
115-07-1	Propene	**1.1**	**3.9**	**0.83**	**0.93**
100-42-5	Styrene	3.5 U	10 U	**0.45**	**0.24**
127-18-4	Tetrachloroethene	**730**	**1,900**	**160**	**1.4**
109-99-9	Tetrahydrofuran (THF)	3.5 U	10 U	**120**	**2.4**
108-88-3	Toluene	**1.5**	10 U	**15**	**3.3**
156-60-5	trans-1,2-Dichloroethene	0.70 U	2.0 U	0.13 U	0.15 U
10061-02-6	trans-1,3-Dichloropropene	3.5 U	10 U	0.67 U	0.77 U
79-01-6	Trichloroethene	**48**	**120**	**2.1**	0.15 U
75-69-4	Trichlorofluoromethane	**1.2**	2.0 U	**1.2**	**1.3**
76-13-1	Trichlorotrifluoroethane	**0.56**	2.0 U	**0.55**	**0.58**
108-05-4	Vinyl Acetate	35 U	100 U	6.7 U	7.7 U
75-01-4	Vinyl Chloride	0.70 U	2.0 U	0.13 U	0.15 U

Notes:
Detected results in bold.
ND - Compound not detected, reporting limit provided

Table 1. Summary of Air Results - DRAFT UNVALIDATED
824 Broadway (North of) 1 Partition Street
Rensselaer, New York
Phase II ESA

Location		800 Broadway			
Sample ID		BRO-SV-01	BRO-IA-02	BRO-IA-02	BRO-AA-02
Sample Date		5/29/2013	4/22/2013	5/29/2013	5/29/2013
Matrix		Result	Result	Result	Result
Unit		µg/m³	µg/m³	µg/m³	µg/m³
CAS No.	Compound				
71-55-6	1,1,1-Trichloroethane	5.4 U	0.15 U	0.15 U	0.14 U
79-34-5	1,1,2,2-Tetrachloroethane	5.4 U	0.15 U	0.15 U	0.14 U
79-00-5	1,1,2-Trichloroethane	5.4 U	0.15 U	0.15 U	0.14 U
75-34-3	1,1-Dichloroethane	5.4 U	0.15 U	0.15 U	0.14 U
75-35-4	1,1-Dichloroethene	27 U	0.15 U	0.15 U	0.14 U
120-82-1	1,2,4-Trichlorobenzene	27 U	0.74 U	0.77 U	0.69 U
95-63-6	1,2,4-Trimethylbenzene	27 U	**0.26**	0.77 U	0.69 U
96-12-8	1,2-Dibromo-3-chloropropane	5.4 U	0.74 U	0.77 U	0.69 U
106-93-4	1,2-Dibromoethane	27 U	0.15 U	0.15 U	0.14 U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	5.4 U	0.74 U	0.77 U	0.69 U
95-50-1	1,2-Dichlorobenzene	5.4 U	0.15 U	0.15 U	**0.21**
107-06-2	1,2-Dichloroethane	5.4 U	0.15 U	0.15 U	0.14 U
78-87-5	1,2-Dichloropropane	27 U	0.15 U	0.15 U	0.14 U
108-67-8	1,3,5-Trimethylbenzene	11 U	0.74 U	0.77 U	0.69 U
106-99-0	1,3-Butadiene	5.4 U	0.29 U	0.31 U	0.27 U
541-73-1	1,3-Dichlorobenzene	5.4 U	0.15 U	0.15 U	0.14 U
106-46-7	1,4-Dichlorobenzene	27 U	0.15 U	0.15 U	0.14 U
123-91-1	1,4-Dioxane	270 U	0.74 U	0.77 U	0.69 U
78-93-3	2-Butanone (MEK)	27 U	**0.94**	**1.5 J**	**1.2 J**
591-78-6	2-Hexanone	270 U	0.74 U	0.77 U	**0.28 J**
67-63-0	2-Propanol (Isopropyl Alcohol)	5.4 U	**0.76**	7.7 U	6.9 U
107-05-1	3-Chloro-1-propene (Allyl Chloride)	27 U	0.15 U	0.15 U	0.14 U
622-96-8	4-Ethyltoluene	27 U	0.74 U	0.77 U	0.69 U
108-10-1	4-Methyl-2-pentanone	270 U	0.74 U	0.77 U	0.69 U
67-64-1	Acetone	27 U	**12**	**7.1 J**	**7.0**
75-05-8	Acetonitrile	110 U	0.74 U	0.77 U	0.69 U
107-02-8	Acrolein	27 U	**0.59**	**0.34 J**	**0.35 J**
107-13-1	Acrylonitrile	27 U	0.74 U	0.77 U	0.69 U
80-56-8	alpha-Pinene	5.4 U	0.74 U	0.77 U	0.69 U
71-43-2	Benzene	27 U	**0.44**	**0.38**	**0.39**
100-44-7	Benzyl Chloride	5.4 U	0.74 U	0.77 U	0.69 U
75-27-4	Bromodichloromethane	27 U	0.15 U	0.15 U	0.14 U
75-25-2	Bromoform	5.4 U	0.74 U	0.77 U	0.69 U
74-83-9	Bromomethane	270 U	0.15 U	0.15 U	0.14 U
75-15-0	Carbon Disulfide	5.4 U	7.4 U	7.7 U	**1.2 J**
56-23-5	Carbon Tetrachloride	5.4 U	**0.54**	**0.36**	**0.46**
108-90-7	Chlorobenzene	5.4 U	0.15 U	0.15 U	0.14 U
75-00-3	Chloroethane	5.4 U	0.15 U	0.15 U	0.14 U
67-66-3	Chloroform	11 U	**0.19**	**0.26**	0.14 U
74-87-3	Chloromethane	5.4 U	**0.40**	**0.62**	**0.65**
156-59-2	cis-1,2-Dichloroethene	27 U	0.15 U	0.15 U	0.14 U
10061-01-5	cis-1,3-Dichloropropene	27 U	0.74 U	0.77 U	0.69 U
98-82-8	Cumene	54 U	0.74 U	0.77 U	0.69 U
110-82-7	Cyclohexane	5.4 U	1.5 U	1.5 U	1.4 U
124-48-1	Dibromochloromethane	27 U	0.15 U	0.15 U	0.14 U
75-71-8	Dichlorodifluoromethane (CFC 12)	27 U	**2.5**	**1.9**	**2.0**
5989-27-5	d-Limonene	270 U	0.74 U	0.77 U	0.69 U
64-17-5	Ethanol	54 U	**4.1**	**1.6 J**	**3.7 J**
141-78-6	Ethyl Acetate	27 U	1.5 U	**7.2**	**6.9**
100-41-4	Ethylbenzene	27 U	0.74 U	0.77 U	0.69 U
87-68-3	Hexachlorobutadiene	27 U	0.74 U	0.77 U	0.69 U
179601-23-1	m,p-Xylenes	54 U	**0.50**	0.77 U	0.69 U
80-62-6	Methyl Methacrylate	5.4 U	1.5 U	1.5 U	1.4 U
1634-04-4	Methyl tert-Butyl Ether	**11 JB**	0.15 U	0.15 U	0.14 U

Table 1. Summary of Air Results - DRAFT UNVALIDATED
824 Broadway (North of) 1 Partition Street
Rensselaer, New York
Phase II ESA

Location		800 Broadway			
Sample ID		**BRO-SV-01**	**BRO-IA-02**	**BRO-IA-02**	**BRO-AA-02**
Sample Date		**5/29/2013**	**4/22/2013**	**5/29/2013**	**5/29/2013**
Matrix		**Result**	**Result**	**Result**	**Result**
Unit		**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**
CAS No.	Compound				
75-09-2	Methylene Chloride	27 U	**0.44**	**0.78 B** U	**0.74 B** U
91-20-3	Naphthalene	27 U	0.74 U	0.77 U	0.69 U
123-86-4	n-Butyl Acetate	27 U	0.74 U	0.77 U	0.69 U
142-82-5	n-Heptane	27 U	0.74 U	0.77 U	**0.20 J**
110-54-3	n-Hexane	27 U	**0.78**	**0.90**	**0.43 J**
111-84-2	n-Nonane	5.4 U	0.74 U	0.77 U	0.69 U
111-65-9	n-Octane	27 U	0.74 U	0.77 U	0.69 U
103-65-1	n-Propylbenzene	27 U	0.74 U	0.77 U	0.69 U
95-47-6	o-Xylene	27 U	0.74 U	0.77 U	0.69 U
115-07-1	Propene	27 U	**0.24** NJ	**0.23 J**	**0.32 J**
100-42-5	Styrene	27 U	0.74 U	0.77 U	0.69 U
127-18-4	Tetrachloroethene	**5,100 D**	**0.64**	**1.0**	**0.26**
109-99-9	Tetrahydrofuran (THF)	27 U	0.74 U	0.77 U	0.69 U
108-88-3	Toluene	27 U	**1.2**	**1.1**	**1.6**
156-60-5	trans-1,2-Dichloroethene	5.4 U	0.15 U	0.15 U	0.14 U
10061-02-6	trans-1,3-Dichloropropene	27 U	0.74 U	0.77 U	0.69 U
79-01-6	Trichloroethene	**30**	0.15 U	0.15 U	0.14 U
75-69-4	Trichlorofluoromethane	5.4 U	**1.2**	**1.2**	**1.2**
76-13-1	Trichlorotrifluoroethane	5.4 U	**0.56**	**0.55**	**0.53**
108-05-4	Vinyl Acetate	270 U	7.4 U	**1.1 J**	**1.6 J**
75-01-4	Vinyl Chloride	5.4 U	0.15 U	0.15 U	0.14 U

Notes:
Detected results in bold.
ND - Compound not detected, reporting limit provided

Table 4 (DRAFT UNVALIDATED)
Summary of Soil Results - VOCs
824 Broadway
(North of) 1 Partition Street

Edit RL's to be 2x

Sample Location				824 Broadway	City ROW		
Sample ID	6 NYCRR Part 375	6 NYCRR Part 375	6 NYCRR Part 375	BRO-SB-1	BRO-SB-3	BRO-SB-DUP (SB-3)	BRO-SB-4
Sample Depth (ft bgs)	Unrestricted Use	Restricted Residential Use	Commercial Use	4-5	5-6	5-6	5-7
Sampling Date	Soil Cleanup	Soil Cleanup	Soil Cleanup	4/15/2013	4/15/2013	4/15/2013	4/11/2013
Matrix	Objective	Objective	Objective	SOIL	SOIL	SOIL	SOIL
Units	mg/kg	mg/kg	mg/Kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs							
1,1,1-Trichloroethane	0.68	100	500	0.0028 U	0.0026 U	0.003 U	0.0024 U
1,1,2,2-Tetrachloroethane				0.0028 U	0.0026 U	0.003 U	0.0024 U
1,1,2-Trichloroethane				0.0028 U	0.0026 U	0.003 U	0.0024 U
1,1,2-Trichlorotrifluoroethane				0.0028 U	0.0026 U	0.003 U	0.0024 U
1,1-Dichloroethane	0.27	26	240	0.0028 U	0.0026 U	0.003 U	0.0024 U
1,1-Dichloroethene	0.33	100	500	0.0028 U	0.0026 U	0.003 U	0.0024 U
1,2,3-Trichlorobenzene				0.0028 U	0.0026 UJ U	0.003 UJ U	0.0024 UJ U
1,2,4-Trichlorobenzene				0.0028 U	0.0026 U	0.003 U	0.0024 UQ
1,2-Dibromo-3-Chloropropane				0.0028 U	0.0026 UJ	0.003 UJ U	0.0024 UJ UQ
1,2-Dibromoethane				0.0028 U	0.0026 U	0.003 U	0.0024 U
1,2-Dichlorobenzene	1.1	100	500	0.0028 U	0.0026 U	0.003 U	0.0024 U
1,2-Dichloroethane	0.02	3.1	30	0.0028 U	0.0026 U	0.003 U	0.0024 U
1,2-Dichloropropane				0.0028 U	0.0026 U	0.003 U	0.0024 U
1,3-Dichlorobenzene	2.4	49	280	0.0028 U	0.0026 U	0.003 U	0.0024 U
1,4-Dichlorobenzene	1.8	13	130	0.0028 U	0.0026 U	0.003 U	0.0024 U
1,4-Dioxane				0.11 U	0.11 U	0.12 U	0.0969 U
2-Butanone (MEK)	0.12	100	500	0.014 U	0.0132 U	0.0149 U	0.0121 UQ
2-Hexanone				0.014 U	0.0132 UQ	0.0149 UQ	0.0121 U
4-Methyl-2-pentanone (MIBK)				0.014 U	0.0132 U	0.0149 U	0.0121 U
Acetone	0.05	100	500	0.014 U	0.0132 UQ	0.0149 UQ	0.0121 U
Benzene	0.06	4.8	44	0.0028 U	0.0026 U	0.003 U	**0.0087**
Bromochloromethane				0.0028 U	0.0026 U	0.003 U	0.0024 U
Bromodichloromethane				0.0028 U	0.0026 U	0.003 U	0.0024 U
Bromoform				0.0028 U	0.0026 U	0.003 U	0.0024 U
Bromomethane				0.0028 U	0.0026 U	0.003 U	0.0024 U
Carbon disulfide				0.0028 U	0.0026 U	0.003 U	0.0024 U
Carbon tetrachloride	0.76	2.4	22	0.0028 U	0.0026 U	0.003 U	0.0024 U
Chlorobenzene	1.1	100	500	0.0028 U	0.0026 U	0.003 U	0.0024 U
Chloroethane				0.0028 U	0.0026 U	0.003 U	0.0024 U
Chloroform	0.37	49	350	0.0028 U	0.0026 U	0.003 U	0.0024 U
Chloromethane				0.0028 U	0.0026 U	0.003 U	0.0024 U
cis-1,2-Dichloroethene	0.25	100	500	0.0028 U	0.0026 U	0.003 U	0.0024 U
cis-1,3-Dichloropropene				0.0028 U	0.0026 U	0.003 U	0.0024 U
Cyclohexane				0.0028 U	0.0026 U	0.003 U	0.0024 U
Dibromochloromethane				0.0028 U	0.0026 U	0.003 U	0.0024 U
Dichlorodifluoromethane				0.0028 U	0.0026 U	0.003 U	0.0024 U
Ethylbenzene	1	41	390	0.0028 U	0.0026 U	0.003 U	0.0024 U
Isopropylbenzene	2*			0.0028 U	0.0026 U	0.003 U	0.0024 U
m/p-Xylenes	0.26**	100**	500**	0.0056 U	0.0053 U	0.006 U	0.0048 U
Methyl acetate				0.0028 U	0.0026 U	0.003 U	0.0024 U
Methyl tert-butyl ether	0.93	62	500	0.0028 U	0.0026 U	0.003 U	0.0024 U
Methylcyclohexane				0.0028 U	0.0026 U	0.003 U	0.0024 U
Methylene Chloride	0.05	51	500	0.0028 UQ	0.0026 UJ	0.003 UJ U	**0.002** J J
o-Xylene	0.26**	100**	500**	0.0028 U	0.0026 U	0.003 U	0.0024 U
Styrene				0.0028 U	0.0026 U	0.003 U	0.0024 U
trans-1,3-Dichloropropene				0.0028 U	0.0026 U	0.003 U	0.0024 U
Tetrachloroethene	1.3	19	150	0.0028 U	0.0026 U	0.003 U	**0.0024** J
Toluene	0.7	100	500	0.0028 U	0.0026 U	0.003 U	0.0024 U
trans-1,2-Dichloroethene	0.19	100	500	0.0028 U	0.0026 U	0.003 U	0.0024 U
Trichloroethene	0.47	21	200	0.0028 U	0.0026 U	0.003 U	0.0024 U
Trichlorofluoromethane				0.0028 U	0.0026 U	0.003 U	0.0024 U
Vinyl chloride	0.02	0.9	13	0.0028 U	0.0026 U	0.003 U	0.0024 U
Total TICS							**0.3483**

Notes:
U - Compound not detected, reporting limit provided.
Q-Indicates that the LCS did not meet the control limits requirements
J - Estimated
* - CP-51 Standard

Table 4 (DRAFT UNVALIDATED)
Summary of Soil Results - VOCs
824 Broadway
(North of) 1 Partition Street

Edit RL's to be 2X

Sample Location				City ROW	800 Broadway		
Sample ID	6 NYCRR Part 375	6 NYCRR Part 375	6 NYCRR Part 375	BRO-SB-5	BRO-SS-01	BRO-SS-02	BRO-IDW
Sample Depth (ft bgs)	Unrestricted Use	Restricted Residential Use	Commercial Use	7-9	0.2-0.6	0.2-0.6	E1856-14
Sampling Date	Soil Cleanup	Soil Cleanup	Soil Cleanup	4/12/2013	4/18/2013	4/18/2013	4/18/2013
Matrix	Objective	Objective	Objective	SOIL	SOIL	SOIL	SOIL
Units	mg/kg	mg/kg	mg/Kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs							
1,1,1-Trichloroethane	0.68	100	500	0.0025 U	0.0027 U	0.0029 U	0.0032 U
1,1,2,2-Tetrachloroethane				0.0025 U	0.0027 U	0.0029 U	0.0032 U
1,1,2-Trichloroethane				0.0025 U	0.0027 U	0.0029 U	0.0032 U
1,1,2-Trichlorotrifluoroethane				0.0025 U	0.0027 U	0.0029 U	0.0032 U
1,1-Dichloroethane	0.27	26	240	0.0025 U	0.0027 U	0.0029 U	0.0032 U
1,1-Dichloroethene	0.33	100	500	0.0025 U	0.0027 U	0.0029 U	0.0032 U
1,2,3-Trichlorobenzene				0.0025 UJ U	0.0027 UJU	0.0029 UJU	0.0032 UJU
1,2,4-Trichlorobenzene				0.0025 UQ	0.0027 UJU	0.0029 UJU	0.0032 UJU
1,2-Dibromo-3-Chloropropane				0.0025 UJUQ	0.0027 UJU	0.0029 UJU	0.0032 UJU
1,2-Dibromoethane				0.0025 U	0.0027 U	0.0029 U	0.0032 U
1,2-Dichlorobenzene	1.1	100	500	0.0025 U	0.0027 U	0.0029 U	0.0032 U
1,2-Dichloroethane	0.02	3.1	30	0.0025 U	0.0027 U	0.0029 U	0.0032 U
1,2-Dichloropropane				0.0025 U	0.0027 U	0.0029 U	0.0032 U
1,3-Dichlorobenzene	2.4	49	280	0.0025 U	0.0027 U	0.0029 U	0.0032 U
1,4-Dichlorobenzene	1.8	13	130	0.0025 U	0.0027 U	0.0029 U	0.0032 U
1,4-Dioxane				0.0992 U	0.11 U	0.12 U	0.13 U
2-Butanone (MEK)	0.12	100	500	0.0124 UQ	0.0136 U	0.0145 U	0.0161 U
2-Hexanone				0.0124 U	0.0136 U	0.0145 U	0.0161 U
4-Methyl-2-pentanone (MIBK)				0.0124 U	0.0136 U	0.0145 U	0.0161 U
Acetone	0.05	100	500	0.0124 U	0.0136 U	0.0145 U	0.0161 U
Benzene	0.06	4.8	44	0.0025 U	0.0027 U	0.0029 U	0.0032 U
Bromochloromethane				0.0025 U	0.0027 U	0.0029 U	0.0032 U
Bromodichloromethane				0.0025 U	0.0027 U	0.0029 U	0.0032 U
Bromoform				0.0025 U	0.0027 U	0.0029 U	0.0032 U
Bromomethane				0.0025 U	0.0027 U	0.0029 U	0.0032 U
Carbon disulfide				0.0025 U	0.0027 U	0.0029 U	0.0032 U
Carbon tetrachloride	0.76	2.4	22	0.0025 U	0.0027 U	0.0029 U	0.0032 U
Chlorobenzene	1.1	100	500	0.0025 U	0.0027 U	0.0029 U	0.0032 U
Chloroethane				0.0025 U	0.0027 U	0.0029 U	0.0032 U
Chloroform	0.37	49	350	0.0025 U	0.0027 U	0.0029 U	0.0032 U
Chloromethane				0.0025 U	0.0027 U	0.0029 U	0.0032 U
cis-1,2-Dichloroethene	0.25	100	500	0.0025 U	0.0027 U	0.0029 U	**0.0039 J**
cis-1,3-Dichloropropene				0.0025 U	0.0027 U	0.0029 U	0.0032 U
Cyclohexane				0.0025 U	0.0027 U	0.0029 U	0.0032 U
Dibromochloromethane				0.0025 U	0.0027 U	0.0029 U	0.0032 U
Dichlorodifluoromethane				0.0025 U	0.0027 U	0.0029 U	0.0032 U
Ethylbenzene	1	41	390	0.0025 U	0.0027 U	0.0029 U	0.0032 U
Isopropylbenzene	2*			0.0025 U	0.0027 U	0.0029 U	0.0032 U
m/p-Xylenes	0.26**	100**	500**	0.005 U	0.0054 U	0.0058 U	0.0065 U
Methyl acetate				0.0025 U	0.0027 U	0.0029 U	0.0032 U
Methyl tert-butyl ether	0.93	62	500	0.0025 U	0.0027 U	0.0029 U	0.0032 U
Methylcyclohexane				0.0025 U	0.0027 U	0.0029 U	0.0032 U
Methylene Chloride	0.05	51	500	**0.0026 J J**	0.0027 UJUQ	0.0029 UJUQ	0.0032 UJUQ
o-Xylene	0.26**	100**	500**	0.0025 U	0.0027 U	0.0029 U	0.0032 U
Styrene				0.0025 U	0.0027 U	0.0029 U	0.0032 U
trans-1,3-Dichloropropene				0.0025 U	0.0027 U	0.0029 U	0.0032 U
Tetrachloroethene	1.3	19	150	**0.0092**	**0.0071**	0.0029 U	**0.0106**
Toluene	0.7	100	500	0.0025 U	0.0027 U	0.0029 U	0.0032 U
trans-1,2-Dichloroethene	0.19	100	500	0.0025 U	0.0027 U	0.0029 U	0.0032 U
Trichloroethene	0.47	21	200	0.0025 U	0.0027 U	0.0029 U	**0.0083**
Trichlorofluoromethane				0.0025 U	0.0027 U	0.0029 U	0.0032 U
Vinyl chloride	0.02	0.9	13	0.0025 U	0.0027 U	0.0029 U	0.0032 U
Total TICS				**0.0173**			

Notes:
U - Compound not detected, reporting limit provided.
Q-Indicates that the LCS did not meet the control limits requirements
J - Estimated
* - CP-51 Standard

Table 2 (DRAFT - UNVALIDATED)
Summary of Groundwater Results - VOCs
824 Broadway
(North of) 1 Partition Street

Edit RL's to be 2X

Sample Location		810 Broadway	824 Broadway	(N of) 1 Partition St		City ROW	
Sample ID Sampling Date Matrix Units	6 NYCRR Part 703 Class GA Standard or Guidance Value ug/L	BRO-GW-01 4/17/2013 Water ug/L	BRO-GW-2 4/23/2013 Water ug/L	BRO-MW-01 6/12/2013 Water ug/L	DUP (BRO-MW-01) 6/12/2013 Water ug/L	BRO-GW-MW-4 5/29/2013 Water ug/L	BRO-GW-5 4/23/2013 Water ug/L
VOCs							
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichlorotrifluoroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-Chloropropane	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dioxane		100 U	100 U	100 U	100 U	100 U	100 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50*	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50*	2.5 U	**6.3**	2.5 U	2.5 U	**5.9**	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	**1.6**	**0.66 J**	**0.65 J**	**0.48 J**	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	**0.54 J**	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	**1.7**	**25.3**
cis-1,3-Dichloropropene	0.4**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane		0.5 U	0.5 U	0.5 UJ U	0.5 UJ U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m&p Xylenes	5	1 U	1 U	1 U	1 U	1 U	1 U
Methyl acetate		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	**2.2**	0.5 U	0.5 U	0.5 U	0.5 U
Methylcyclohexane		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**54.9**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.9**
Trichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**36.8**
Trichlorofluoromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.2**
Total Estimated Conc. (TICs)			**7.8**				

Notes:
U - Compound not detected, reporting limit provided.

Table 2 (DRAFT - UNVALIDATED)
Summary of Groundwater Results - VOCs
824 Broadway
(North of) 1 Partition Street

Edit RLs to be 2X

Sample Location		QA/QC					
Sample ID Sampling Date Matrix Units	6 NYCRR Part 703 Class GA Standard or Guidance Value ug/L	BRO-GW-FB 6/12/2013 Water ug/L	BRO-SB-FB 4/15/2013 Water ug/L	TRIPBLANK 4/15/2013 Water ug/L	TRIPBLANK 4/23/2013 Water ug/L	TRIPBLANK 5/29/2013 Water ug/L	TRIPBLANK 6/12/2013 Water ug/L
VOCs							
1,1,1-Trichloroethane	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichlorotrifluoroethane	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-Chloropropane	0.04	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	3	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	3	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	3	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dioxane		100 U	100 U	100 U	100 U	100 U	100 U
2-Butanone (MEK)	50	2.5 U	12.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50*	2.5 U	12.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)		2.5 U	12.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50*	2.5 U	12.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50*	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50*	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4**	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane		0.5 UJ U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ U
Dibromochloromethane	50	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m&p Xylenes	5	1 U	5 U	1 U	1 U	1 U	1 U
Methyl acetate		0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylcyclohexane		0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4**	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Total Estimated Conc. (TICs)					**8.3**		

Notes:
U - Compound not detected, reporting limit provide

Table 3 (DRAFT - UNVALIDATED)
Summary of Groundwater Results - SVOCs
824 Broadway (North of) 1 Partition Street, Rensselaer, New York

Sample location		City ROW	
Sample ID	6 NYCRR Part 703	BRO-GW-5	
Sampling Date	Class GA Standard	4/23/2013	
Matrix	or Guidance Value	Water	
Units	ug/L	ug/L	
SVOCs			
1,1-Biphenyl	5	5.6	U
1,2,4,5-Tetrachlorobenzene	5	5.6	U
2,2-oxybis(1-Chloropropane)		5.6	U
2,3,4,6-Tetrachlorophenol	1**	5.6	U
2,4,5-Trichlorophenol	1**	5.6	U
2,4,6-Trichlorophenol	1**	5.6	U
2,4-Dichlorophenol	1**	5.6	U
2,4-Dimethylphenol	50	5.6	U
2,4-Dinitrophenol	10*	5.6 UJ	U
2,4-Dinitrotoluene	5	5.6	U
2,6-Dinitrotoluene	5	5.6	U
2-Chloronaphthalene	10*	5.6	U
2-Chlorophenol	1**	5.6	U
2-Methylnaphthalene		5.6	U
2-Methylphenol	1**	5.6	U
2-Nitroaniline	5	5.6	U
2-Nitrophenol	1**	5.6	U
3,3'-Dichlorobenzidine	5	5.6	U
3+4 Methylphenol	1**	5.6	U
3-Nitroaniline	5	5.6	U
4,6-Dinitro-2-methylphenol	1**	5.6	U
4-Bromophenyl phenyl ether		5.6	U
4-Chloro-3-methylphenol	1**	5.6	U
4-Chloroaniline	5	5.6	U
4-Chlorophenyl-phenylether		5.6	U
4-Nitroaniline	5	5.6	U
4-Nitrophenol	1**	5.6	U
Acenaphthene	20*	5.6	U
Acenaphthylene		5.6	U
Acetophenone	20*	5.6	U
Anthracene	50*	5.6	U
Atrazine	7.5	5.6	U
Benzaldehyde		5.6	U
Benzo(a)anthracene	0.002*	5.6	U
Benzo(a)pyrene	ND	5.6	U
Benzo(b)fluoranthene	0.002*	5.6	U
Benzo(ghi)perylene		5.6	U
Benzo(k)fluoranthene	0.002*	5.6	U
Bis(2-chloroethoxy)methane	5	5.6	U
Bis(2-chloroethyl)ether	1	5.6	U
Bis(2-Ethylhexyl)phthalate	5	5.6	U
Butyl benzyl phthalate	50*	5.6	U
Caprolactam		5.6	U
Carbazole		5.6	U
Chrysene	0.002*	5.6	U
Dibenzo(a,h)anthracene		5.6	U
Dibenzofuran		5.6	U
Diethyl phthalate	50*	5.6	U
Dimethyl phthalate	50*	5.6	U
Di-n-butylphthalate	50	5.6	U
Di-n-octylphthalate	50*	5.6	U
Fluoranthene	50*	5.6	U
Fluorene	50*	5.6	U
Hexachlorobenzene	0.04	5.6	U
Hexachlorobutadiene	0.5	5.6	U
Hexachlorocyclopentadiene	5	5.6	UQ
Hexachloroethane	5	5.6	U
Indeno(1,2,3-cd)Pyrene	0.002*	5.6	U
Isophorone	50*	5.6	U
Naphthalene	10*	5.6	U
Nitrobenzene	0.4	5.6	U
n-Nitrosodi-n-propylamine		5.6	U
n-Nitrosodiphenylamine	50*	5.6	U
Pentachlorophenol	1	~~7.6~~ ~~J~~ 10 U	
Phenanthrene	50	5.6	U
Phenol	1	5.6	U
Pyrene	50	5.6	U
Total Estimated Conc. (TICs)		132.4	

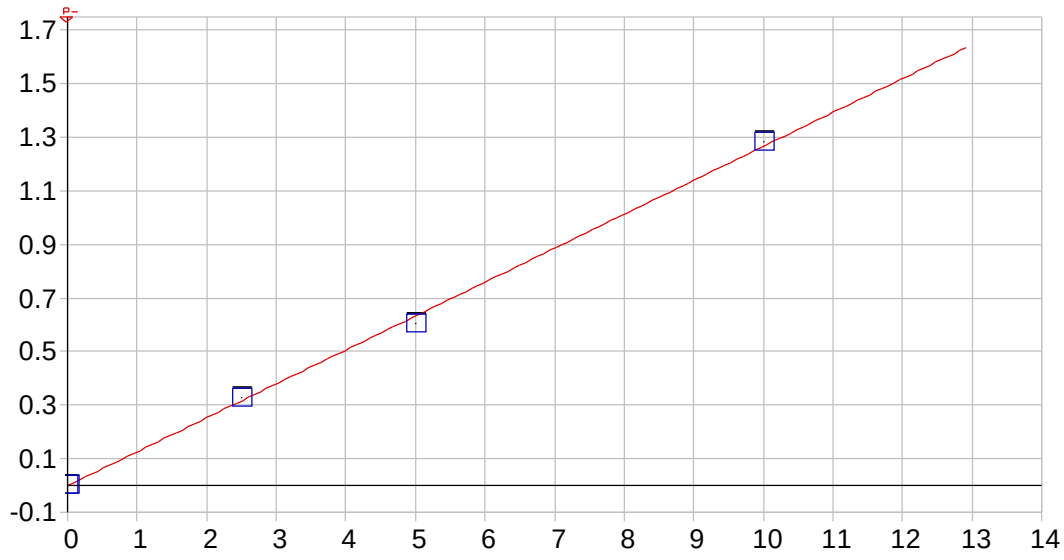
Edit RLs x 2

Notes:
* Guidance Value
**Sum of these compounds can not exceed 1 ug/L.
J - Estimated
U - Compound not detected, reporting limit provided.
Q-Indicates that the LCS did not meet the control limits requirements

ARCADIS

Appendix **F**

Analytical Reporting Forms (on CD), Alpha Analytical and ALS Environmental



As 189.042 {478}

Date of Fit:	5/1/2013 18:19:05	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000484	Re-Slope:	1.000000
A1 (Gain):	0.126688	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999563	Status:	OK.
Std Error of Est:	0.000090		
Predicted MDL:	0.002710		
Predicted MQL:	0.009035		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00048	.000	1
S1	.02000	.02180	.002	9.01	.00228	.000	1
S3	2.5000	2.5890	.089	3.56	.32752	.001	1
S4	5.0000	4.7745	-.226	-4.51	.60438	.001	1
S5	10.000	10.135	.135	1.35	1.2835	.002	1

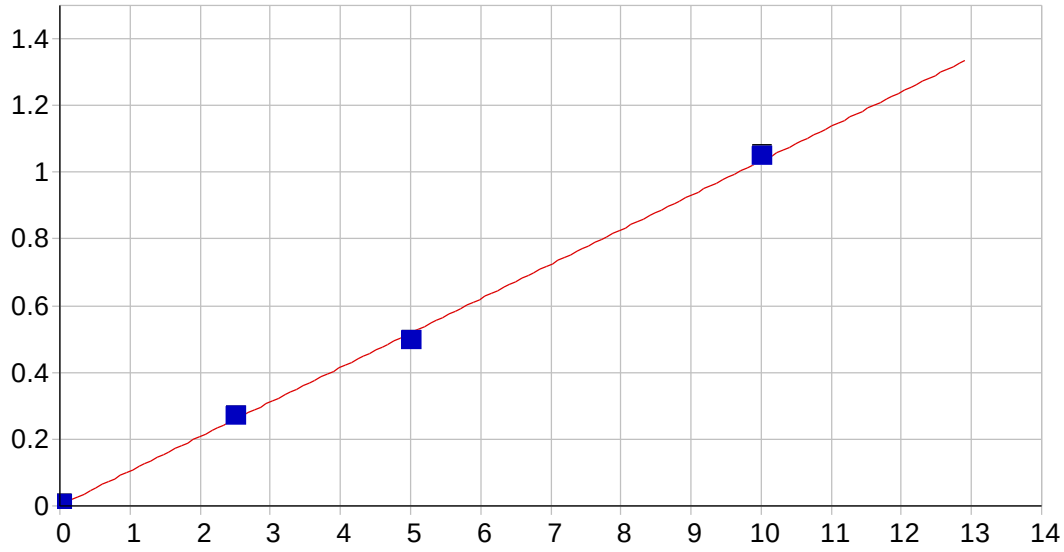
Reviewed By:Janet
On:5/2/2013 10:25:50 AM
Inst Id :P4
LB :LB65846

Pb 220.353 {453}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000486	Re-Slope:	1.000000
A1 (Gain):	0.334902	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999525	Status:	OK.
Std Error of Est:	0.000193		
Predicted MDL:	0.001243		
Predicted MQL:	0.004144		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00049	.000	1
S1	.01200	.01180	.000	-1.70	.00432	.000	1
S3	2.5000	2.5613	.061	2.45	.85672	.002	1
S4	5.0000	4.7572	-.243	-4.86	1.5906	.003	1
S5	10.000	10.182	.182	1.82	3.4041	.002	1

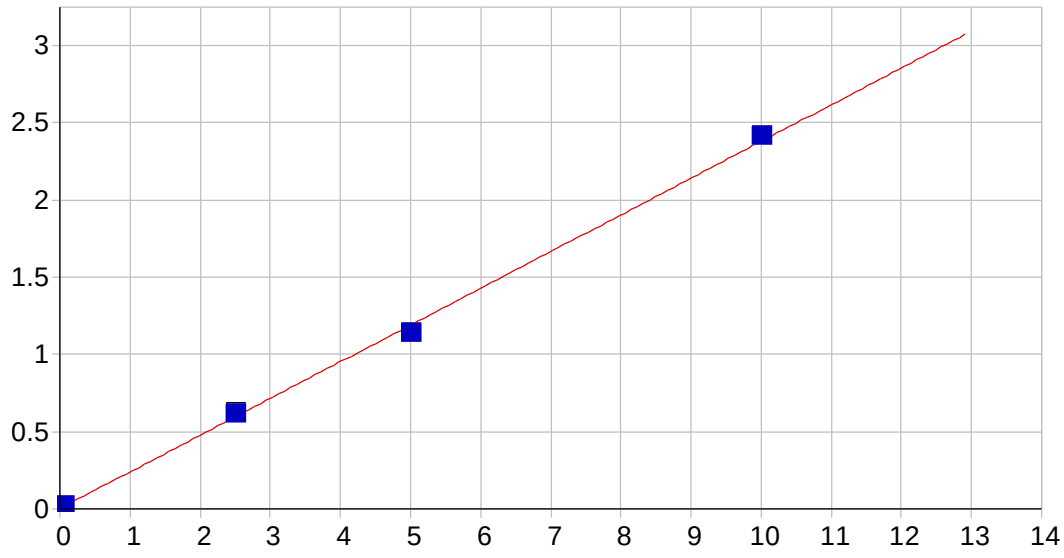


Se 196.090 {472}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000627	Re-Slope:	1.000000
A1 (Gain):	0.103319	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999539	Status:	OK.
Std Error of Est:	0.000076		
Predicted MDL:	0.002940		
Predicted MQL:	0.009801		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00063	.000	1
S1	.02000	.02121	.001	6.04	.00282	.000	1
S3	2.5000	2.5900	.090	3.60	.26818	.001	1
S4	5.0000	4.7672	-.233	-4.66	.49308	.001	1
S5	10.000	10.142	.142	1.42	1.0483	.002	1

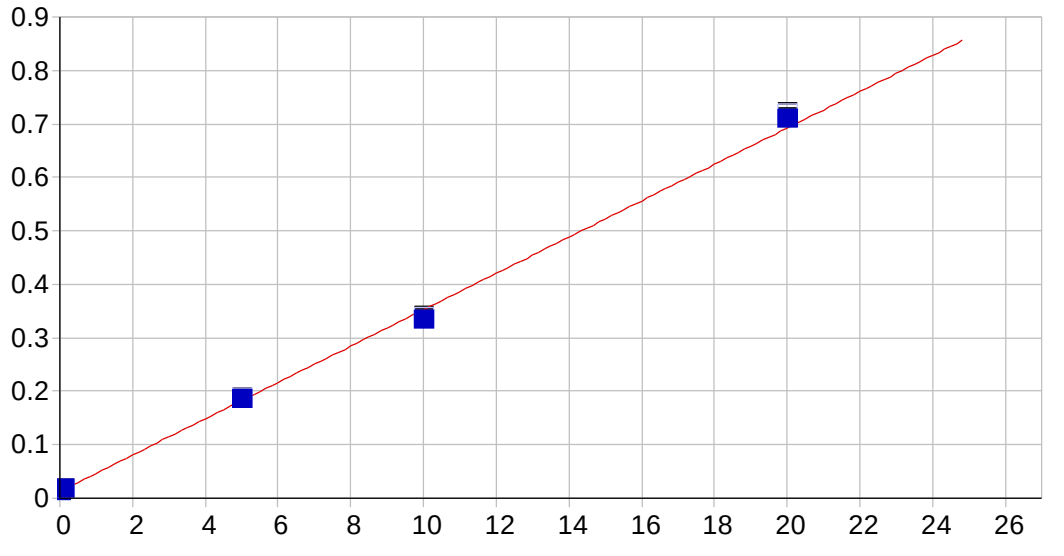


Sb 206.833 {463}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001096	Re-Slope:	1.000000
A1 (Gain):	0.237896	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999599	Status:	OK.
Std Error of Est:	0.000257		
Predicted MDL:	0.001950		
Predicted MQL:	0.006499		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00110	.000	1
S1	.05000	.05166	.002	3.31	.01335	.000	1
S3	2.5000	2.5861	.086	3.44	.61624	.004	1
S4	5.0000	4.7834	-.217	-4.33	1.1389	.000	1
S5	10.000	10.129	.129	1.29	2.4104	.000	1



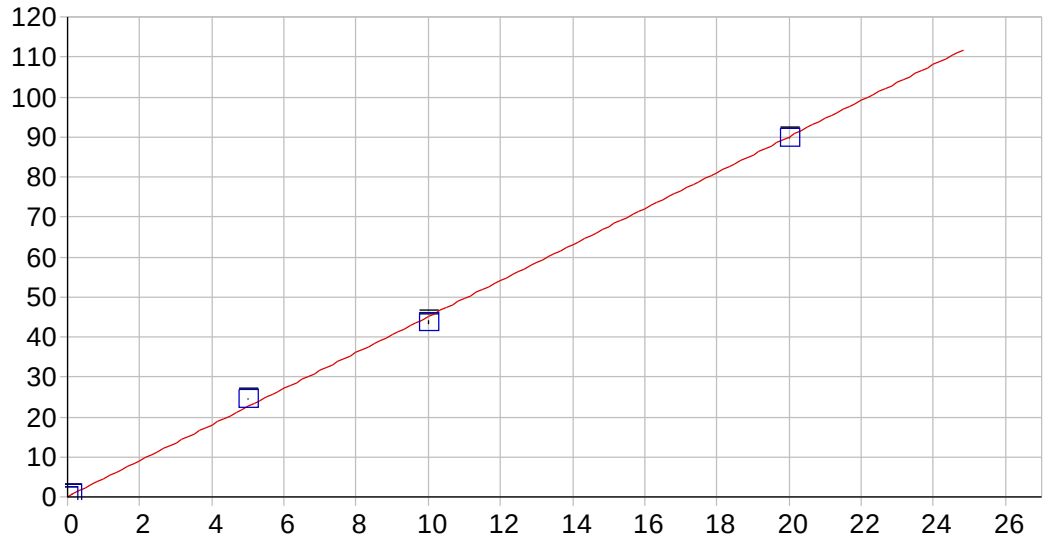
Reviewed By:Janet
On:5/2/2013 10:25:50 AM
Inst Id :P4
LB :LB65846

Al 308.215 {109}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.012666	Re-Slope:	1.000000
A1 (Gain):	0.033980	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999379	Status:	OK.
Std Error of Est:	0.000093		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.01267	.000	1
S1	.10000	.11393	.014	13.9	.01663	.000	1
S3	5.0000	5.0341	.034	.682	.18616	.000	1
S4	10.000	9.4506	-.549	-5.49	.33868	.001	1
S5	20.000	20.501	.501	2.51	.71905	.002	1



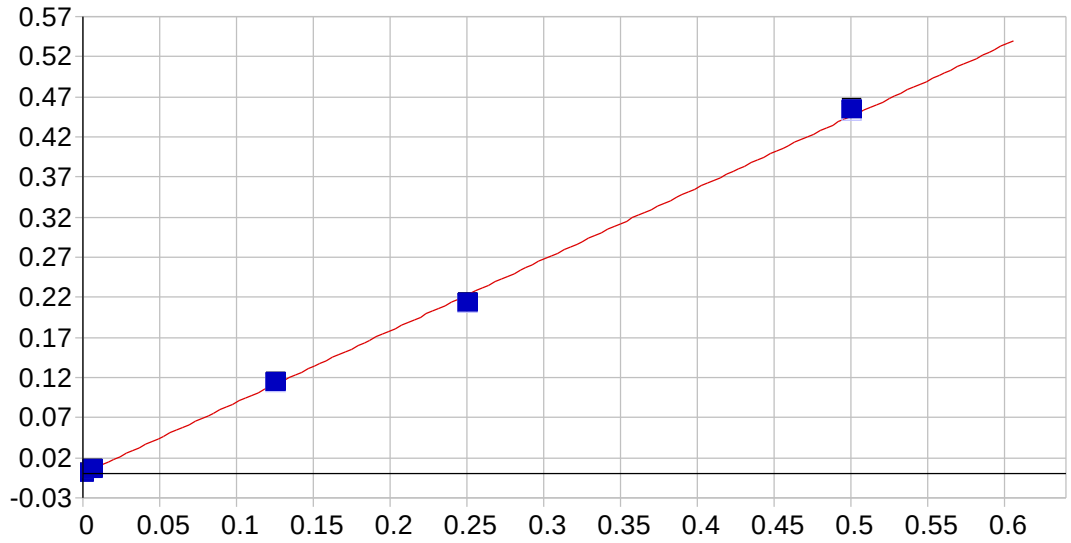
Ba 493.409 { 68}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.057101	Re-Slope:	1.000000
A1 (Gain):	4.500915	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999375	Status:	OK.
Std Error of Est:	0.012169		
Predicted MDL:	0.000634		
Predicted MQL:	0.002114		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.05705	.001	1
S1	.10000	.10579	.006	5.79	.53326	.012	1
S3	5.0000	5.4041	.404	8.08	24.380	.206	1
S5	20.000	19.915	-.085	-.426	89.692	.242	1
S4	10.000	9.6752	-.325	-3.25	43.604	.442	1

Reviewed By:Janet
On:5/2/2013 10:25:50 AM
Inst Id :P4
LB :LB65846

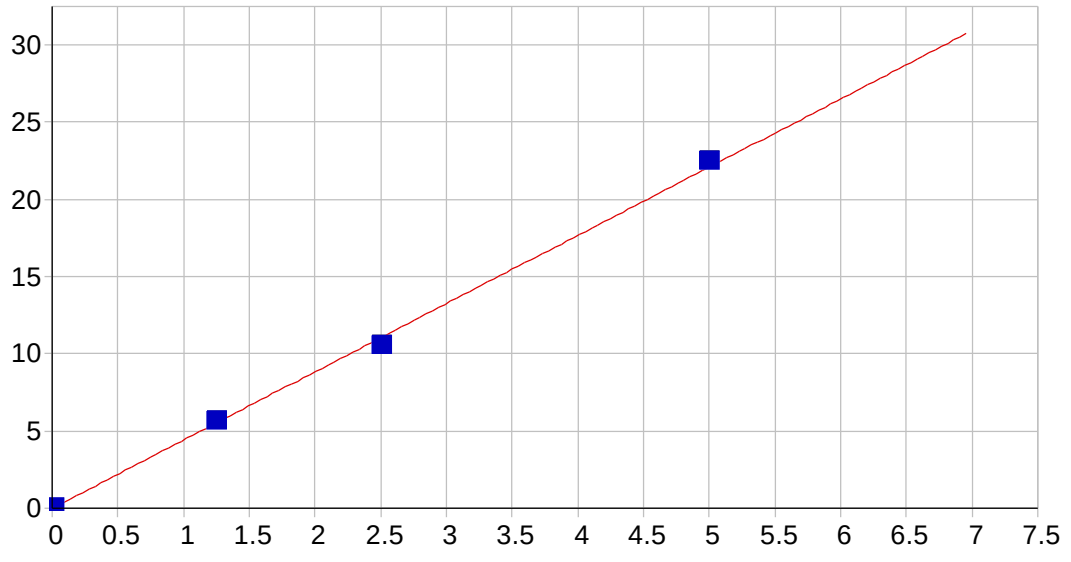


Be 234.861 {144}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000000	Re-Slope:	1.000000
A1 (Gain):	0.890954	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999601	Status:	OK.
Std Error of Est:	0.000074		
Predicted MDL:	0.000084		
Predicted MQL:	0.000279		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.00600	.00615	.000	2.56	.00542	.000	1
S3	.12500	.12715	.002	1.72	.11249	.000	1
S4	.25000	.23886	-.011	-4.45	.21124	.000	1
S5	.50000	.50884	.009	1.77	.45019	.002	1



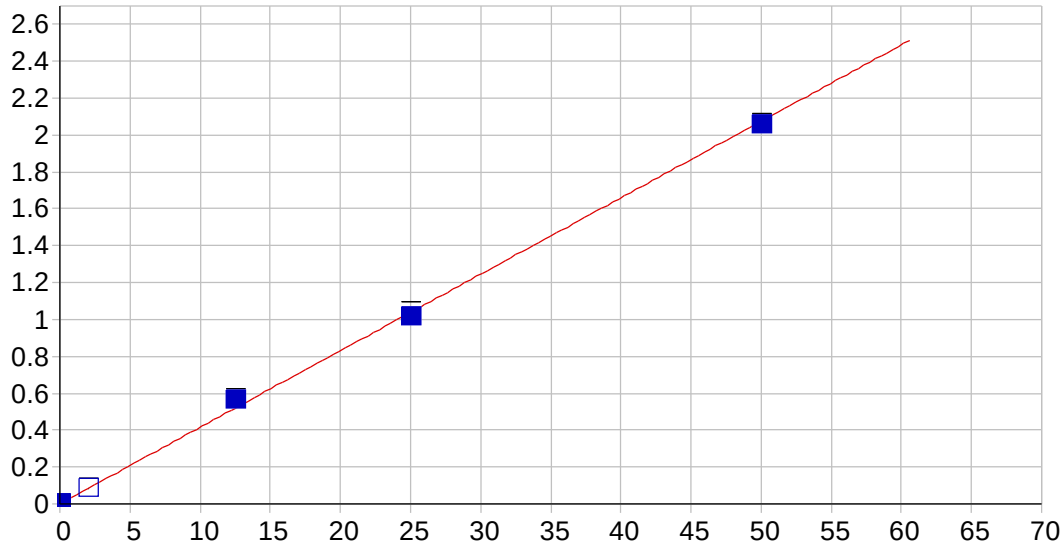
Reviewed By:Janet
On:5/2/2013 10:25:50 AM
Inst Id :P4
LB :LB65846

Cd 226.502 {449}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000724	Re-Slope:	1.000000
A1 (Gain):	4.418255	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999528	Status:	OK.
Std Error of Est:	0.001270		
Predicted MDL:	0.000101		
Predicted MQL:	0.000337		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00072	.000	1
S1	.00600	.00609	.000	1.43	.02762	.000	1
S3	1.2500	1.2787	.029	2.30	5.6493	.005	1
S4	2.5000	2.3786	-.121	-4.86	10.508	.039	1
S5	5.0000	5.0926	.093	1.85	22.497	.005	1



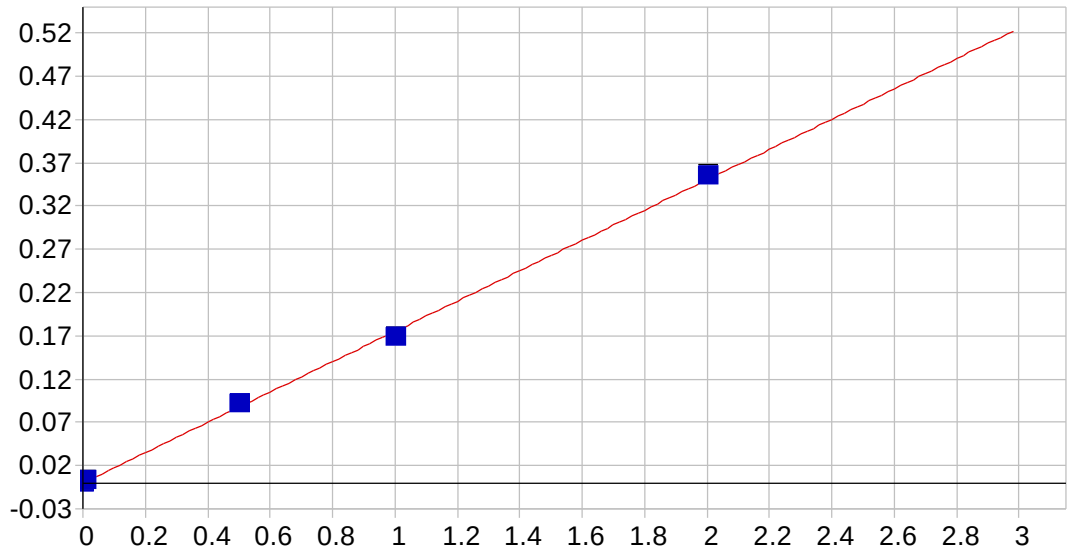
Ca 373.690 { 90}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001230	Re-Slope:	1.000000
A1 (Gain):	0.041468	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999441	Status:	OK.
Std Error of Est:	0.000757		
Predicted MDL:	0.019042		
Predicted MQL:	0.063472		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9995	.000	-.024	.08415	.000	1
S0	.00000	-.00010	.000	.000	.00123	.000	1
S3	12.500	13.523	1.02	8.19	.56200	.006	1
S4	25.000	24.462	-.538	-2.15	1.0156	.026	1
S5	50.000	49.515	-.485	-.970	2.0544	.006	1

Reviewed By:Janet
On:5/2/2013 10:25:50 AM
Inst Id :P4
LB :LB65846

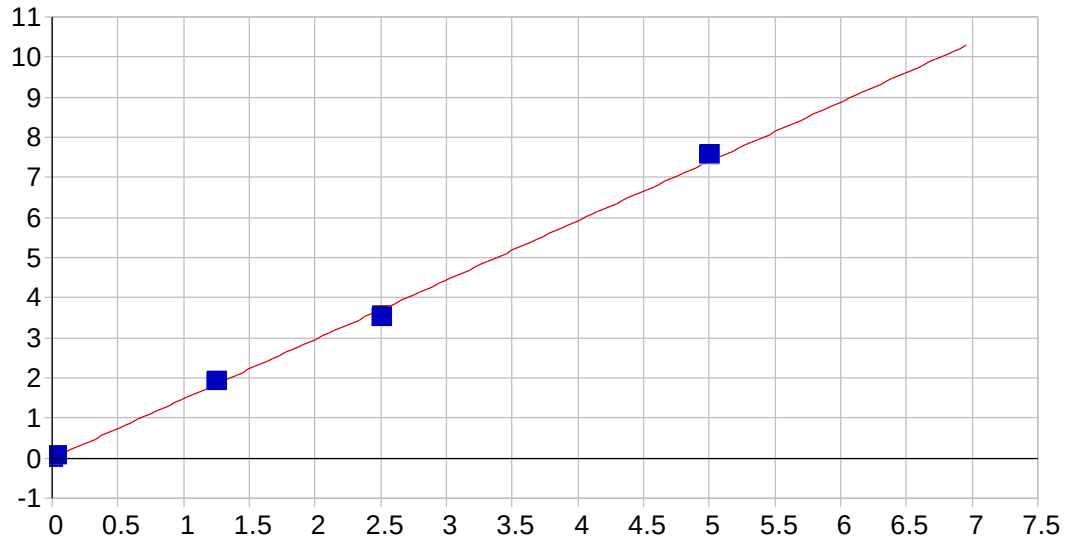


Cr 267.716 {126}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000004	Re-Slope:	1.000000
A1 (Gain):	0.175215	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999614	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.000570		
Predicted MQL:	0.001899		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01056	.001	5.56	.00184	.000	1
S3	.50000	.51870	.019	3.74	.09096	.000	1
S4	1.0000	.95833	-.042	-4.17	.16806	.000	1
S5	2.0000	2.0224	.022	1.12	.35466	.001	1



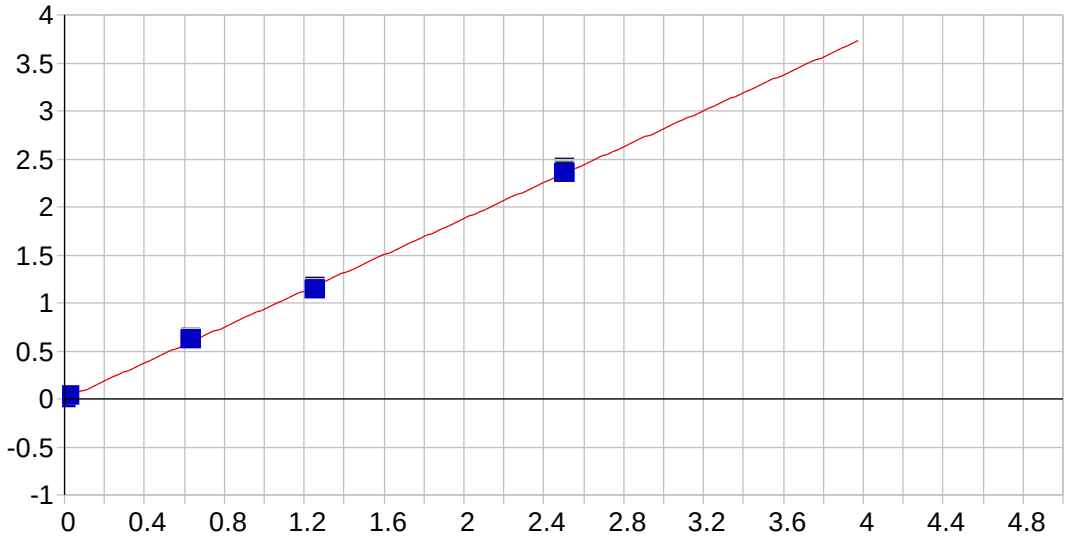
Reviewed By:Janet
On:5/2/2013 10:25:50 AM
Inst Id :P4
LB :LB65846

Co 228.616 {447}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000356	Re-Slope:	1.000000
A1 (Gain):	1.479285	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999484	Status:	OK.
Std Error of Est:	0.000995		
Predicted MDL:	0.000319		
Predicted MQL:	0.001063		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00035	.001	1
S1	.03000	.03096	.001	3.21	.04571	.000	1
S3	1.2500	1.2791	.029	2.33	1.8917	.006	1
S4	2.5000	2.3729	-.127	-5.08	3.5089	.014	1
S5	5.0000	5.0970	.097	1.94	7.5372	.003	1

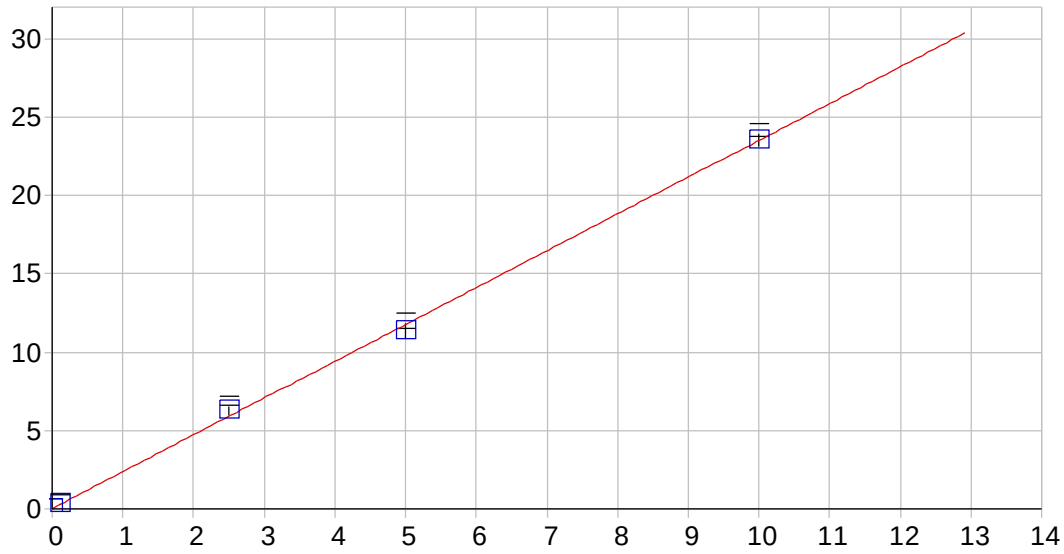


Cu 224.700 {450}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000328	Re-Slope:	1.000000
A1 (Gain):	0.938455	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999585	Status:	OK.
Std Error of Est:	0.000332		
Predicted MDL:	0.000562		
Predicted MQL:	0.001874		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.02000	.02234	.002	11.7	.02084	.000	1
S3	.62500	.65930	.034	5.49	.62776	.003	1
S4	1.2500	1.2055	-.044	-3.56	1.1497	.005	1
S5	2.5000	2.5079	.008	.315	2.3907	.003	1

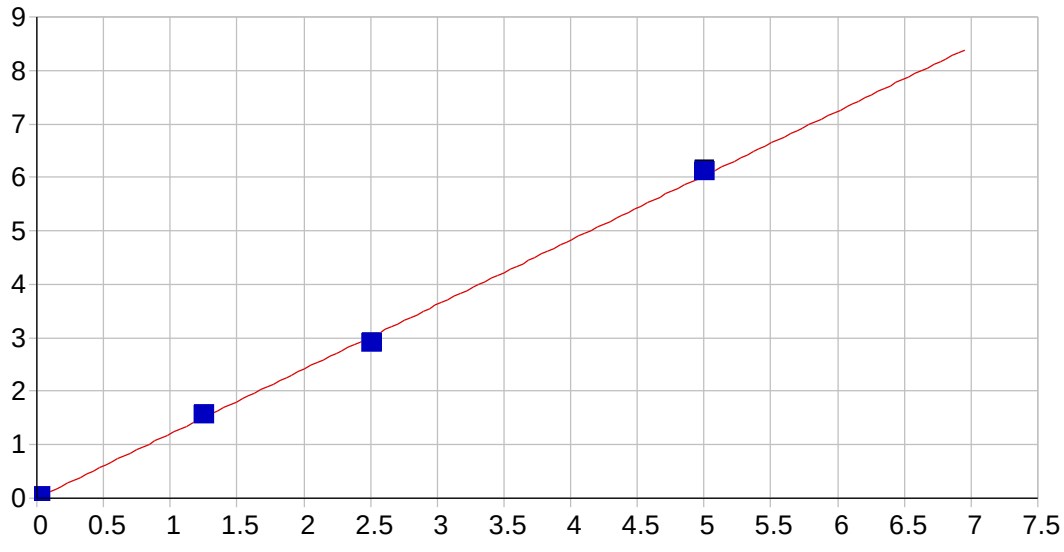


Fe 240.488 {140}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.022606	Re-Slope:	1.000000
A1 (Gain):	2.348085	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999459	Status:	OK.
Std Error of Est:	0.004182		
Predicted MDL:	0.006178		
Predicted MQL:	0.020595		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.02257	.012	1
S1	.10000	.11333	.013	13.3	.28871	.033	1
S3	2.5000	2.6621	.162	6.48	6.2733	.280	1
S4	5.0000	4.8161	-.184	-3.68	11.331	.503	1
S5	10.000	10.009	.009	.085	23.523	.426	1



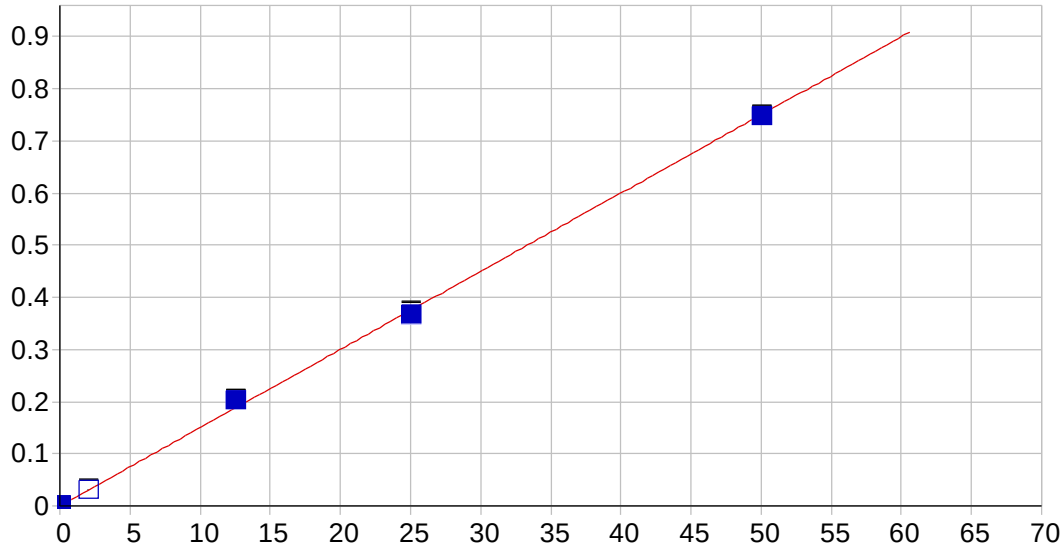
Reviewed By:Janet
On:5/2/2013 10:25:50 AM
Inst Id :P4
LB :LB65846

Mn 257.610 {131}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000342	Re-Slope:	1.000000
A1 (Gain):	1.206456	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999664	Status:	OK.
Std Error of Est:	0.000534		
Predicted MDL:	0.000076		
Predicted MQL:	0.000254		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.02000	.02217	.002	10.8	.02708	.000	1
S3	1.2500	1.2927	.043	3.42	1.5600	.000	1
S4	2.5000	2.4041	-.096	-3.84	2.9009	.007	1
S5	5.0000	5.0510	.051	1.02	6.0943	.024	1



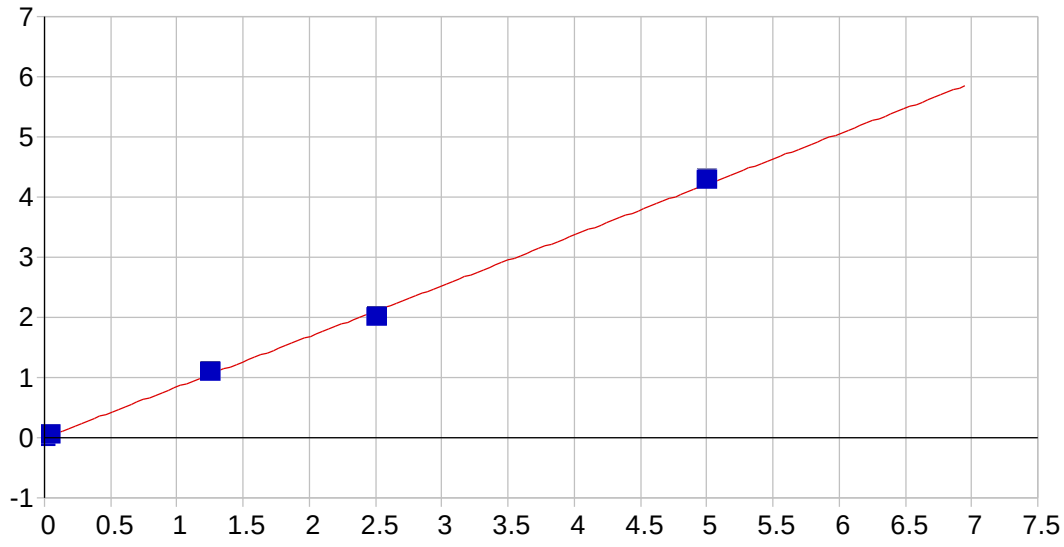
Mg 279.079 {121}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000077	Re-Slope:	1.000000
A1 (Gain):	0.014999	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999541	Status:	OK.
Std Error of Est:	0.000248		
Predicted MDL:	0.030852		
Predicted MQL:	0.102838		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9882	-.012	-.588	.02990	.001	1
S0	.00000	-.00007	.000	.000	.00008	.000	1
S3	12.500	13.387	.887	7.09	.20051	.002	1
S4	25.000	24.329	-.671	-2.68	.36428	.008	1
S5	50.000	49.796	-.204	-.408	.74555	.003	1

Reviewed By:Janet
On:5/2/2013 10:25:50 AM
Inst Id :P4
LB :LB65846

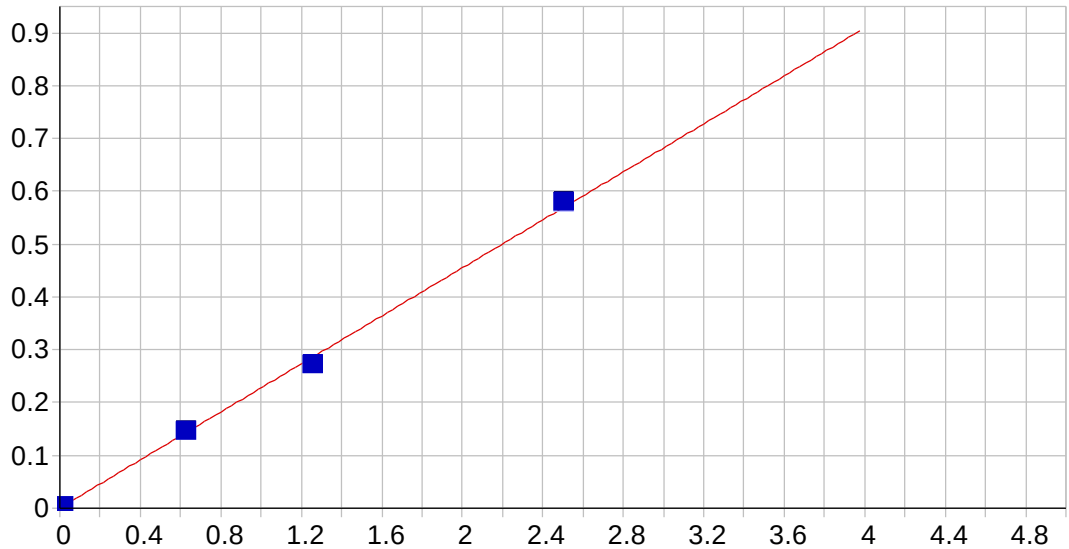


Ni 231.604 {445}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001252	Re-Slope:	1.000000
A1 (Gain):	0.842326	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999463	Status:	OK.
Std Error of Est:	0.000670		
Predicted MDL:	0.000554		
Predicted MQL:	0.001847		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00125	.000	1
S1	.04000	.04270	.003	6.76	.03483	.000	1
S3	1.2500	1.2879	.038	3.03	1.0856	.002	1
S4	2.5000	2.3714	-.129	-5.14	2.0002	.005	1
S5	5.0000	5.0879	.088	1.76	4.2924	.006	1



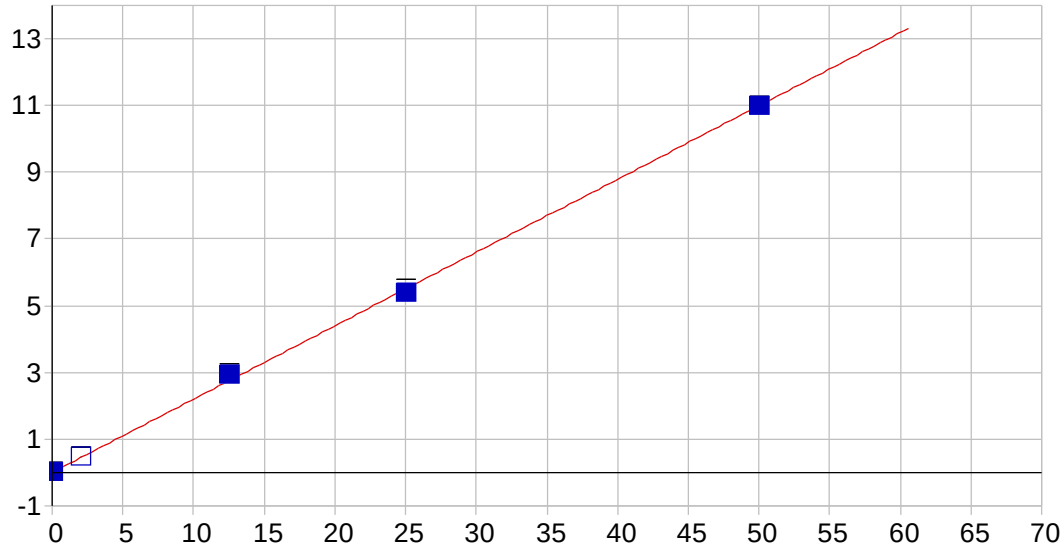
Reviewed By:Janet
On:5/2/2013 10:25:50 AM
Inst Id :P4
LB :LB65846

Ag 328.068 {103}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000143	Re-Slope:	1.000000
A1 (Gain):	0.227453	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999577	Status:	OK.
Std Error of Est:	0.000056		
Predicted MDL:	0.000661		
Predicted MQL:	0.002204		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.01000	.00945	-.001	-5.53	.00228	.000	1
S3	.62500	.63708	.012	1.93	.14468	.000	1
S4	1.2500	1.1930	-.057	-4.56	.27075	.001	1
S5	2.5000	2.5455	.045	1.82	.57763	.001	1



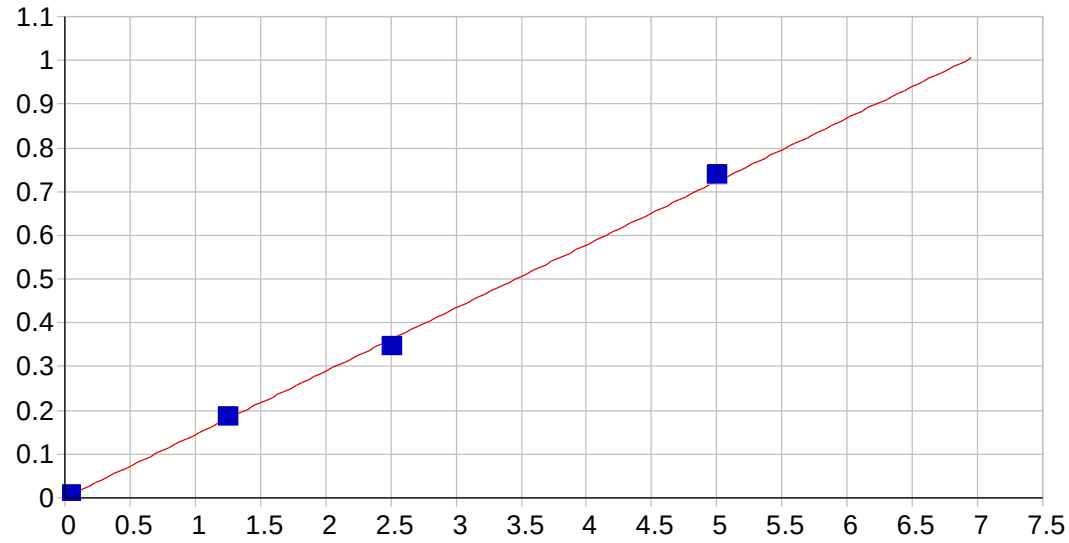
Na 589.592 { 57}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001142	Re-Slope:	1.000000
A1 (Gain):	0.219900	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999619	Status:	OK.
Std Error of Est:	0.003316		
Predicted MDL:	0.011441		
Predicted MQL:	0.038136		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0221	.022	1.11	.44353	.001	1
S0	.00000	-.00009	.000	.000	-.00116	.000	1
S3	12.500	13.301	.801	6.41	2.9259	.026	1
S4	25.000	24.366	-.634	-2.53	5.3614	.134	1
S5	50.000	49.811	-.189	-.378	10.961	.009	1

Reviewed By:Janet
On:5/2/2013 10:25:50 AM
Inst Id :P4
LB :LB65846

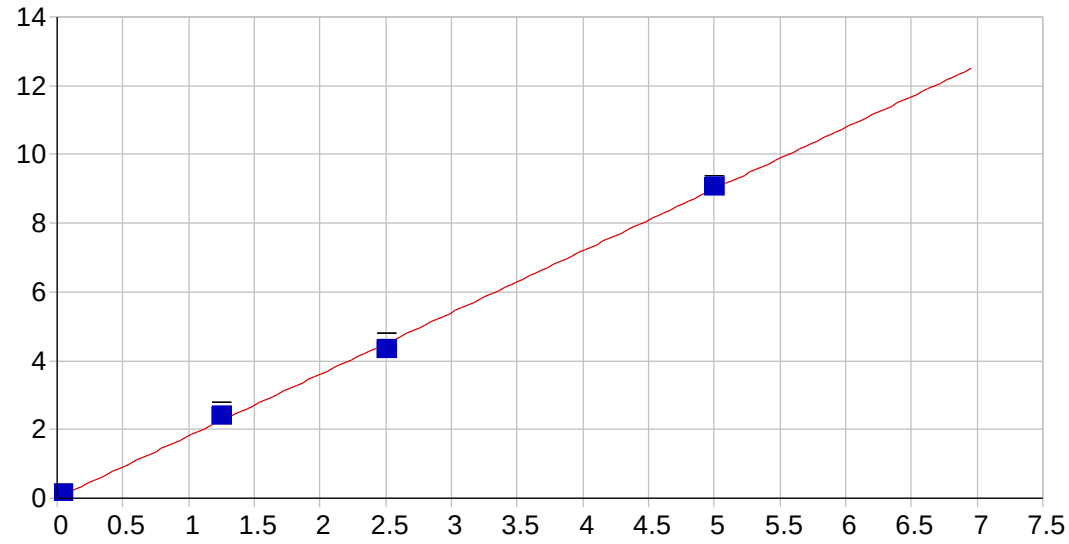


V 292.402 {115}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000188	Re-Slope:	1.000000
A1 (Gain):	0.144588	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999541	Status:	OK.
Std Error of Est:	0.000106		
Predicted MDL:	0.000788		
Predicted MQL:	0.002625		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.04000	.04174	.002	4.35	.00622	.000	1
S3	1.2500	1.2777	.028	2.22	.18475	.000	1
S4	2.5000	2.3802	-.120	-4.79	.34399	.001	1
S5	5.0000	5.0904	.090	1.81	.73549	.002	1



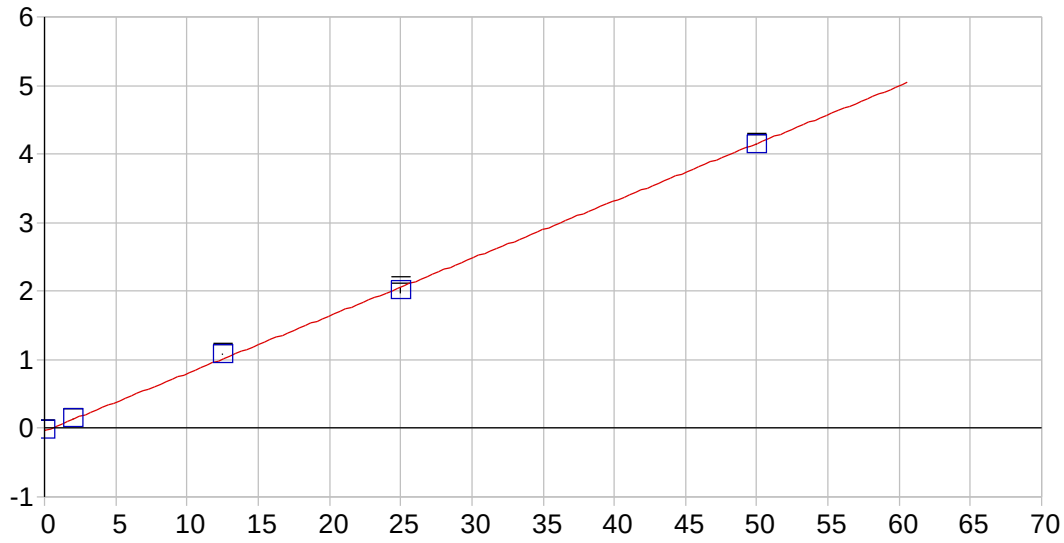
Reviewed By:Janet
On:5/2/2013 10:25:50 AM
Inst Id :P4
LB :LB65846

Zn 206.200 {163}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.014655	Re-Slope:	1.000000
A1 (Gain):	1.795483	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999398	Status:	OK.
Std Error of Est:	0.001508		
Predicted MDL:	0.004658		
Predicted MQL:	0.015527		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.01464	.001	1
S1	.04000	.04810	.008	20.3	.10103	.007	1
S3	1.2500	1.3239	.074	5.91	2.3917	.086	1
S4	2.5000	2.3943	-.106	-4.23	4.3137	.202	1
S5	5.0000	5.0237	.024	.474	9.0348	.063	1

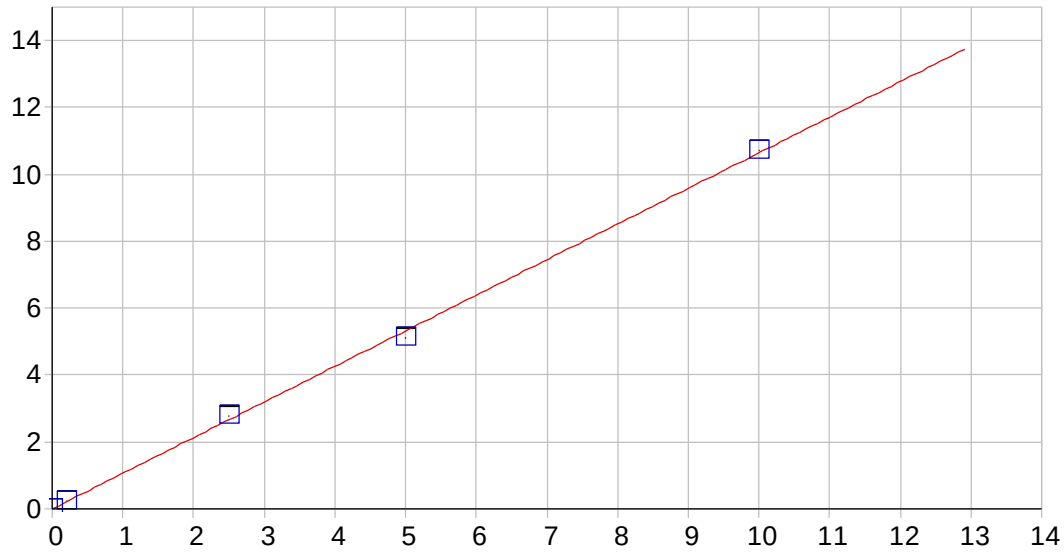


K 766.490 { 44}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.037417	Re-Slope:	1.000000
A1 (Gain):	0.083817	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999644	Status:	OK.
Std Error of Est:	0.001220		
Predicted MDL:	0.043849		
Predicted MQL:	0.146164		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0196	.020	.981	.13186	.001	1
S0	.00000	-.00009	.000	.000	-.03742	.000	1
S3	12.500	13.275	.775	6.20	1.0753	.007	1
S4	25.000	24.395	-.605	-2.42	2.0073	.045	1
S5	50.000	49.810	-.190	-.381	4.1375	.011	1

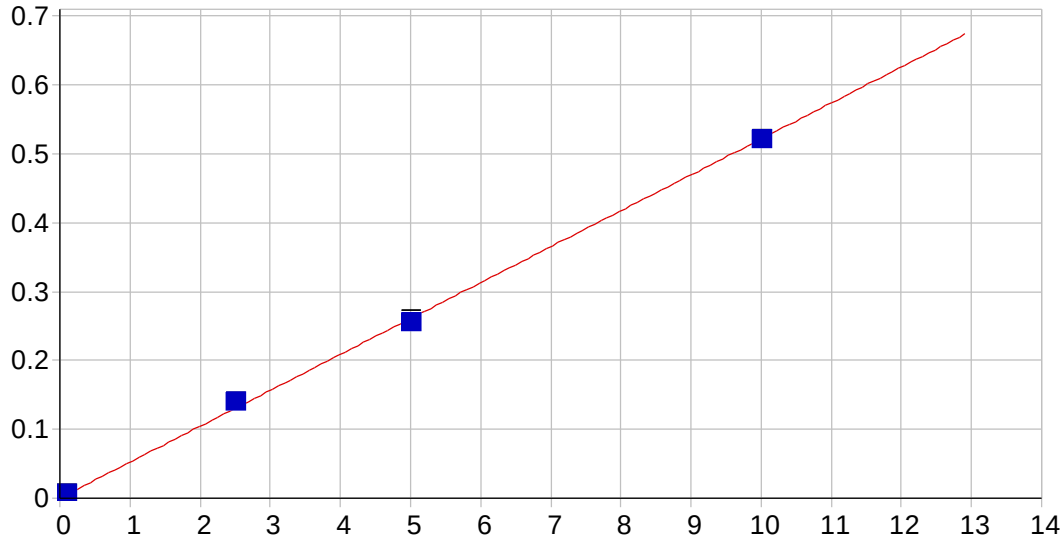


Mo 202.030 {467}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001194	Re-Slope:	1.000000
A1 (Gain):	1.064382	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999600	Status:	OK.
Std Error of Est:	0.002312		
Predicted MDL:	0.000310		
Predicted MQL:	0.001034		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00118	.000	1
S1	.20000	.21368	.014	6.84	.22863	.000	1
S3	2.5000	2.6148	.115	4.59	2.7843	.012	1
S4	5.0000	4.8059	-.194	-3.88	5.1165	.013	1
S5	10.000	10.066	.066	.657	10.715	.002	1



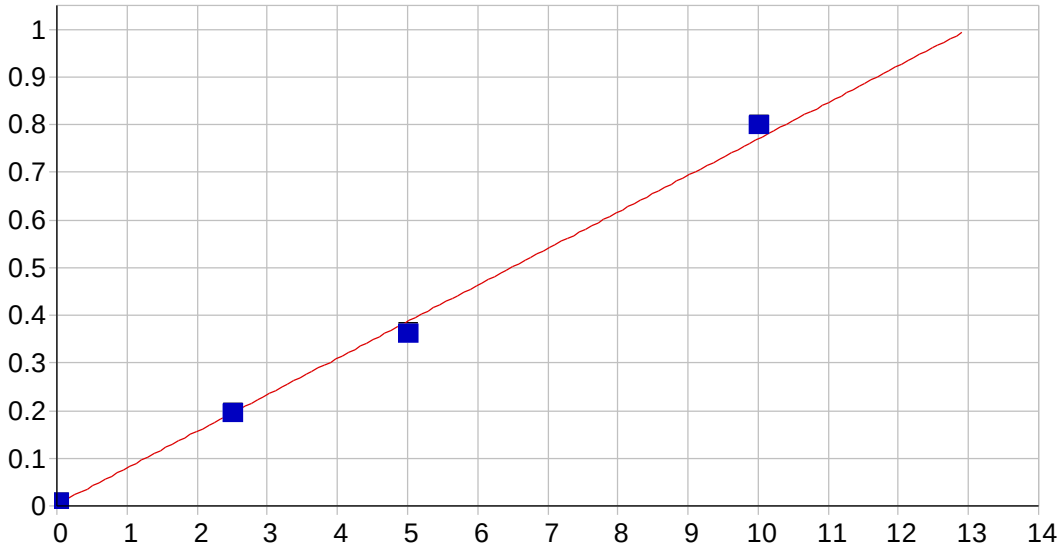
Reviewed By:Janet
On:5/2/2013 10:25:50 AM
Inst Id :P4
LB :LB65846

B 249.678 {135}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000095	Re-Slope:	1.000000
A1 (Gain):	0.052168	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999600	Status:	OK.
Std Error of Est:	0.000080		
Predicted MDL:	0.007958		
Predicted MQL:	0.026528		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00009	.000	1
S1	.10000	.10621	.006	6.21	.00563	.000	1
S3	2.5000	2.6602	.160	6.41	.13895	.001	1
S4	5.0000	4.8715	-.128	-2.57	.25438	.004	1
S5	10.000	9.9620	-.038	-.380	.52008	.000	1



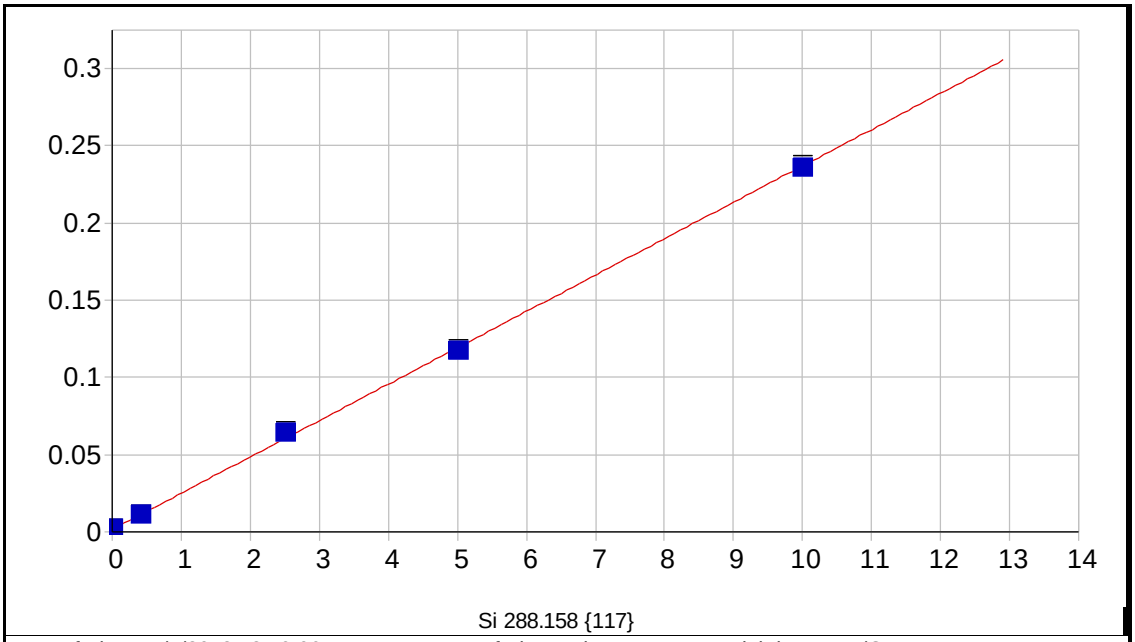
S 182.034 {485}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002925	Re-Slope:	1.000000
A1 (Gain):	0.076697	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998951	Status:	OK.
Std Error of Est:	0.000085		
Predicted MDL:	0.002909		
Predicted MQL:	0.009698		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00293	.000	1
S1	.02000	.01532	-.005	-23.4	.00405	.000	1
S3	2.5000	2.4720	-.028	-1.12	.19246	.000	1
S4	5.0000	4.6678	-.332	-6.64	.36080	.001	1
S5	10.000	10.365	.365	3.65	.79761	.000	1

Reviewed By:Janet
On:5/2/2013 10:25:50 AM
Inst Id :P4
LB :LB65846

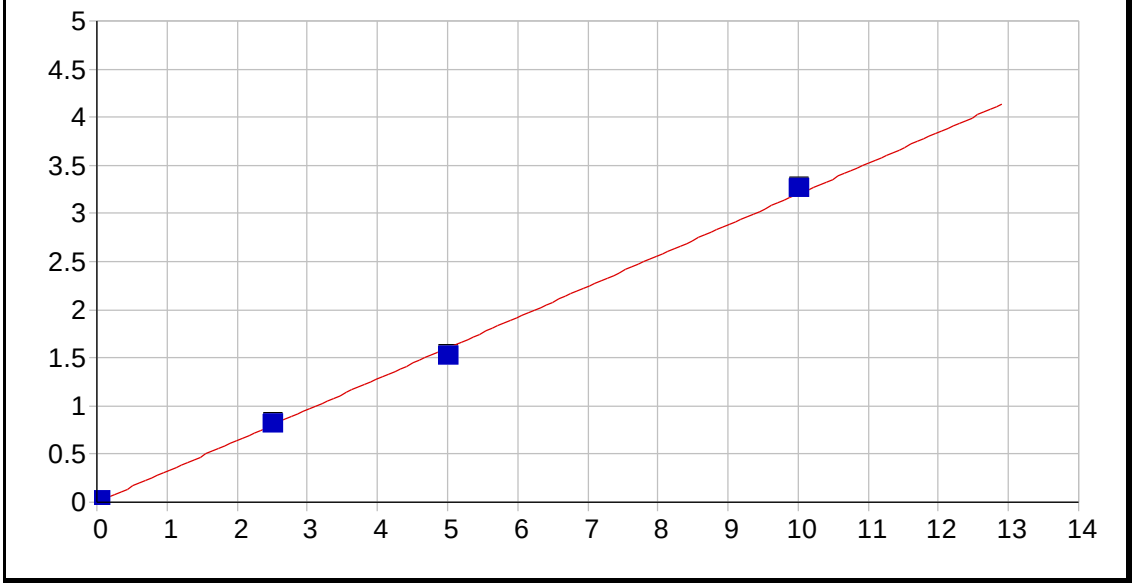


Si 288.158 {117}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001449	Re-Slope:	1.000000
A1 (Gain):	0.023555	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999622	Status:	OK.
Std Error of Est:	0.000071		
Predicted MDL:	0.019770		
Predicted MQL:	0.065899		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00145	.000	1
S1	.40000	.40869	.009	2.17	.01107	.000	1
S3	2.5000	2.6626	.163	6.50	.06413	.000	1
S4	5.0000	4.8910	-.109	-2.18	.11658	.001	1
S5	10.000	9.9377	-.062	-.623	.23538	.002	1



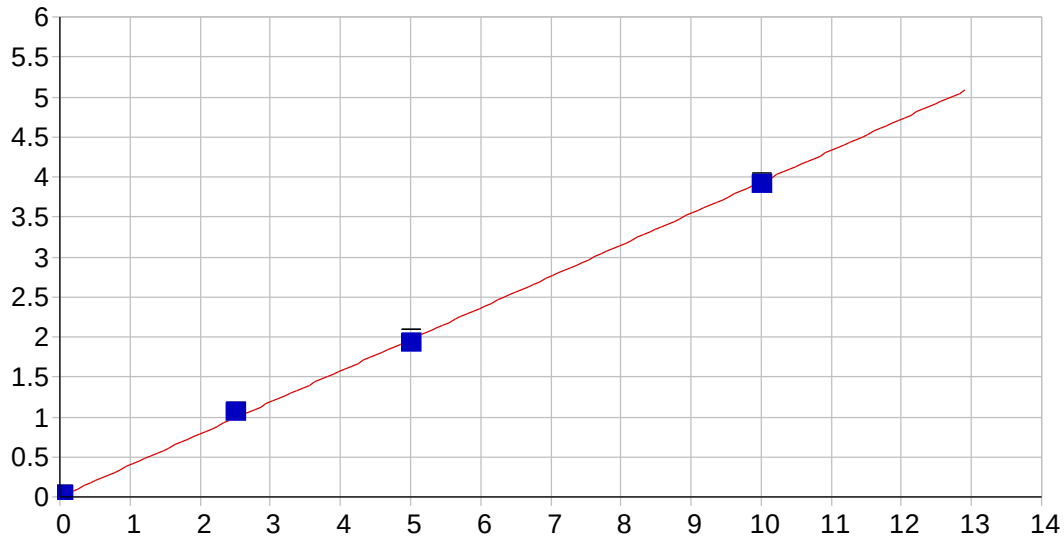
Reviewed By:Janet
On:5/2/2013 10:25:50 AM
Inst Id :P4
LB :LB65846

Sn 189.989 {477}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000436	Re-Slope:	1.000000
A1 (Gain):	0.320069	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999508	Status:	OK.
Std Error of Est:	0.000343		
Predicted MDL:	0.000721		
Predicted MQL:	0.002403		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00044	.000	1
S1	.04000	.04031	.000	.785	.01331	.000	1
S3	2.5000	2.5496	.050	1.99	.81475	.002	1
S4	5.0000	4.7520	-.248	-4.96	1.5179	.005	1
S5	10.000	10.198	.198	1.98	3.2576	.002	1

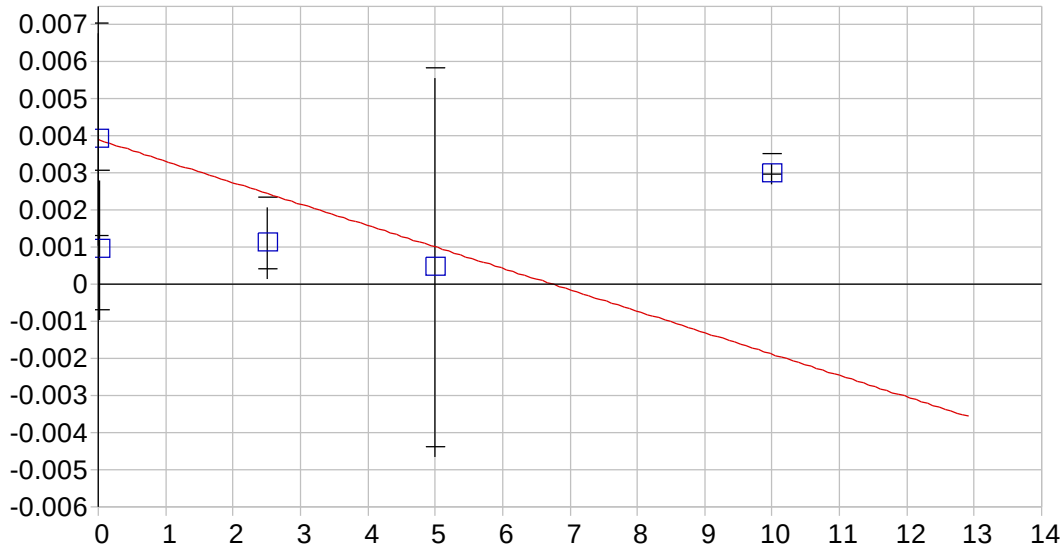


Ti 336.121 {100}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001061	Re-Slope:	1.000000
A1 (Gain):	0.393423	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999581	Status:	OK.
Std Error of Est:	0.000389		
Predicted MDL:	0.001750		
Predicted MQL:	0.005833		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00106	.000	1
S1	.04000	.04199	.002	4.98	.01757	.001	1
S3	2.5000	2.6723	.172	6.89	1.0520	.010	1
S4	5.0000	4.8944	-.106	-2.11	1.9257	.047	1
S5	10.000	9.9313	-.069	-.687	3.9065	.007	1

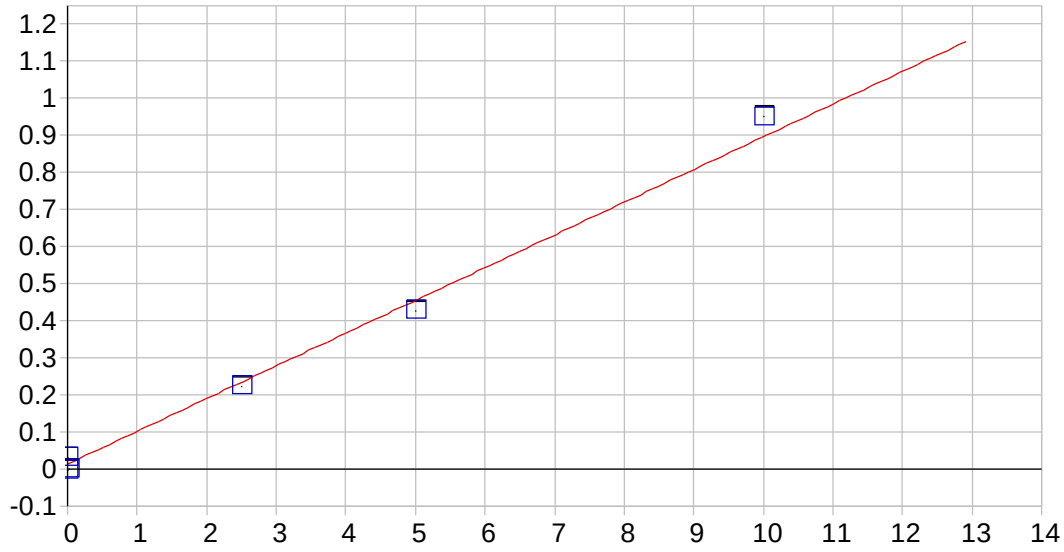


Li 670.784 { 50}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003903	Re-Slope:	1.000000
A1 (Gain):	-0.000578	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.114217	Status:	Warning Negative Gain
Std Error of Est:	0.000121		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00513	-.005	.000	.00391	.003	1
S1	.02000	5.1479	5.13	25600.	.00093	.002	1
S3	2.5000	4.8136	2.31	92.5	.00112	.001	1
S4	5.0000	5.9472	.947	18.9	.00046	.005	1
S5	10.000	1.6113	-8.39	-83.9	.00297	.000	1



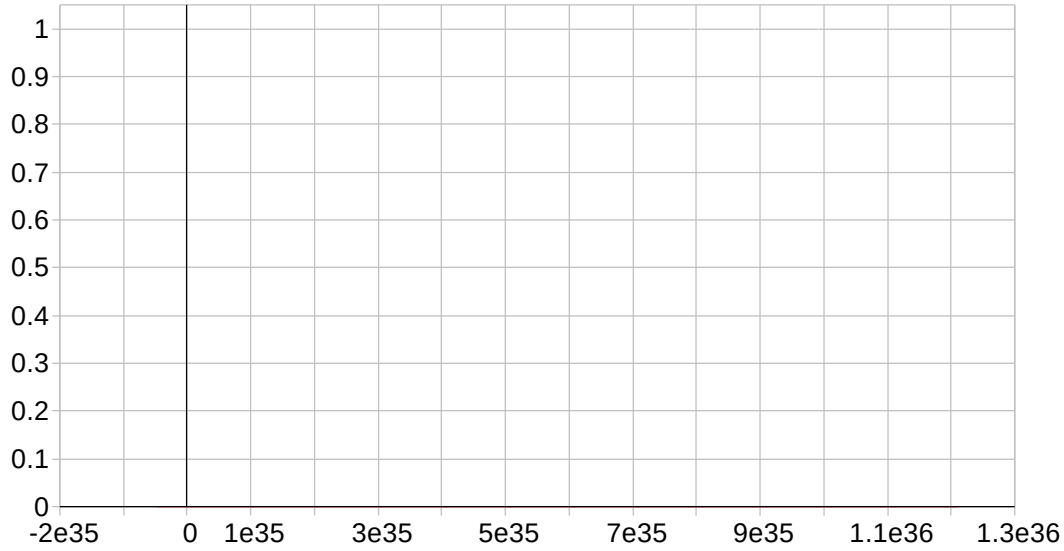
Reviewed By:Janet
On:5/2/2013 10:25:50 AM
Inst Id :P4
LB :LB65846

P 177.495 {490}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.013894	Re-Slope:	1.000000
A1 (Gain):	0.088259	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.071251	Status:	OK.
Std Error of Est:	0.020025		
Predicted MDL:	0.002031		
Predicted MQL:	0.006769		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.18516	-.185	.000	-.00245	.000	1
S1	.02000	-.16565	-.186	-928.	-.00073	.000	1
S2	.00000	.18534	.185	.000	.03025	.000	1
S3	2.5000	2.3780	-.122	-4.88	.22377	.001	1
S4	5.0000	4.6881	-.312	-6.24	.42766	.001	1
S5	10.000	10.620	.620	6.20	.95117	.001	1

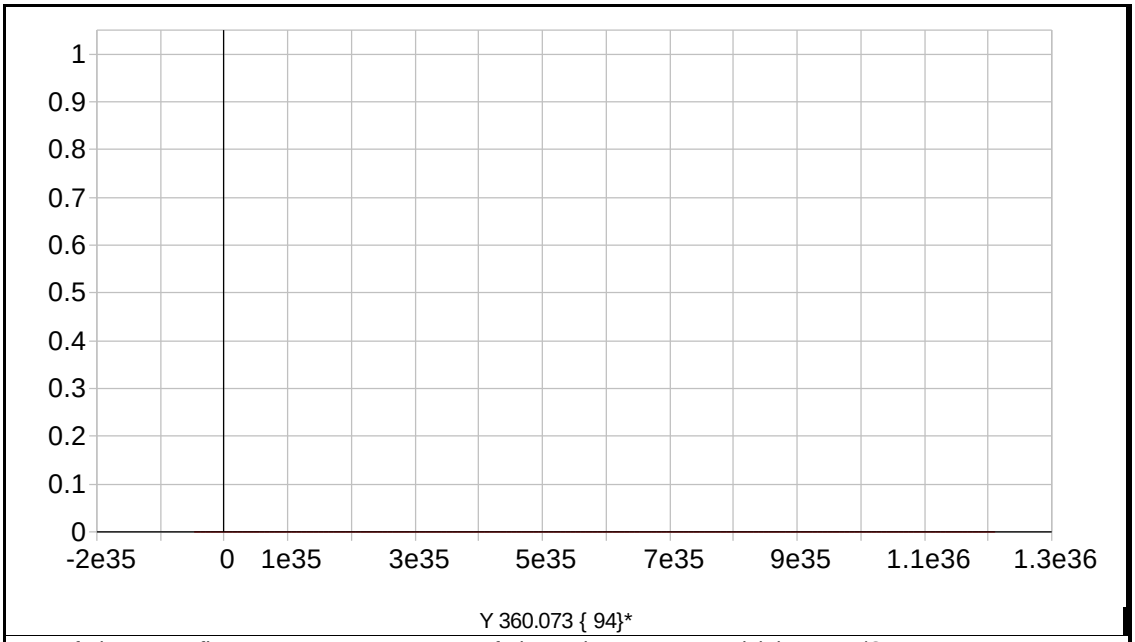


Y 224.306 {450}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

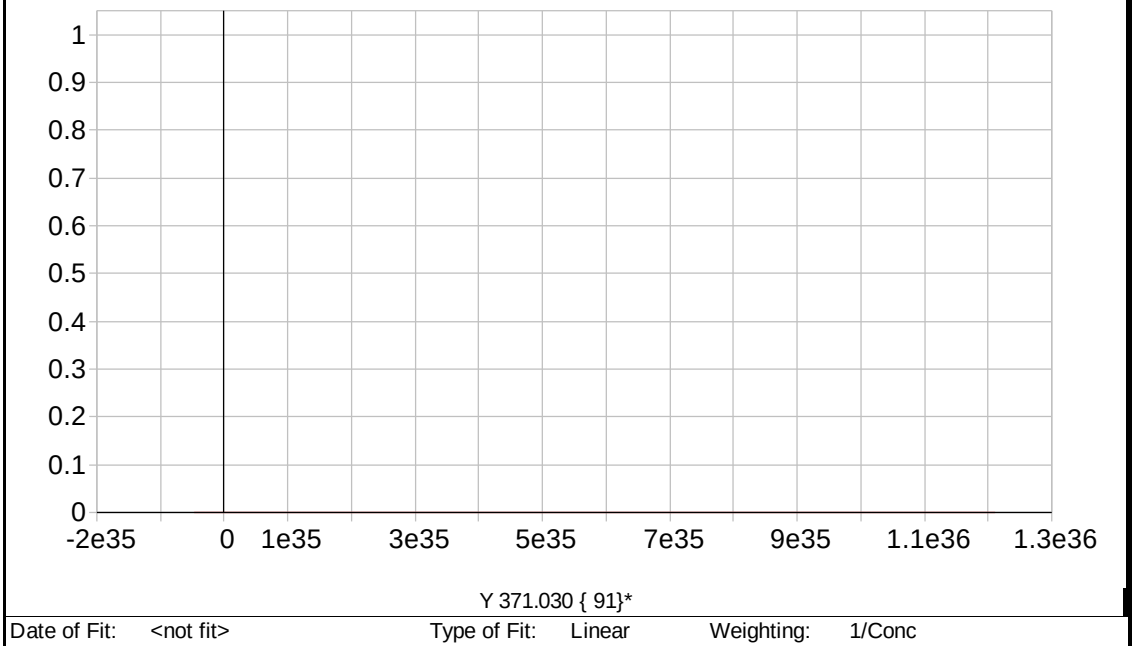
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 360.073 { 94}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	0.000000			Re-Slope:	1.000000	
A1 (Gain):	0.000000			Y-int:	0.000000	
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000			Status:	Warning	Zero Gain
Std Error of Est:	0.000000					
Predicted MDL:	n/a					
Predicted MQL:	n/a					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

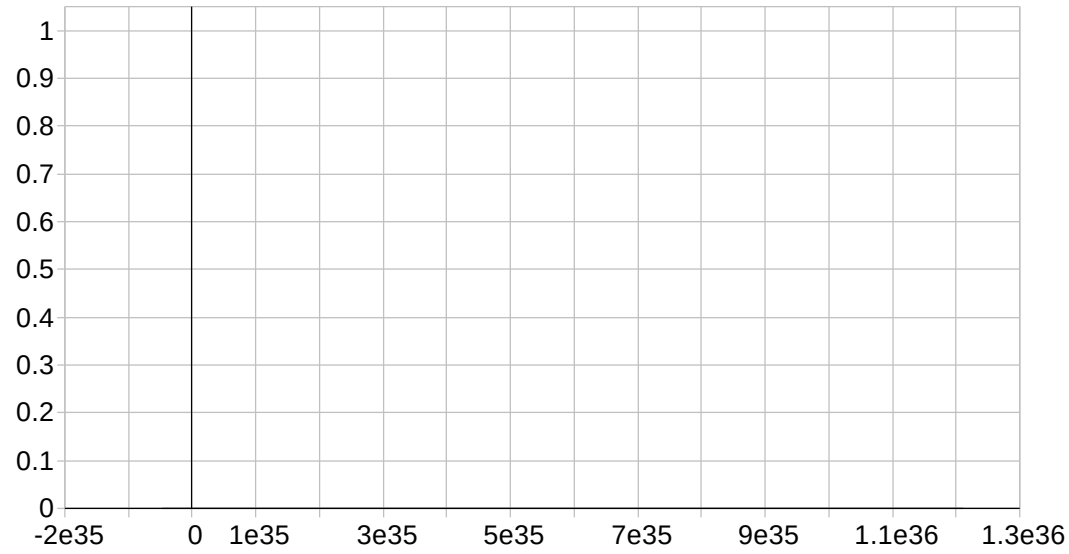


Y 371.030 { 91}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	0.000000			Re-Slope:	1.000000	
A1 (Gain):	0.000000			Y-int:	0.000000	

A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					

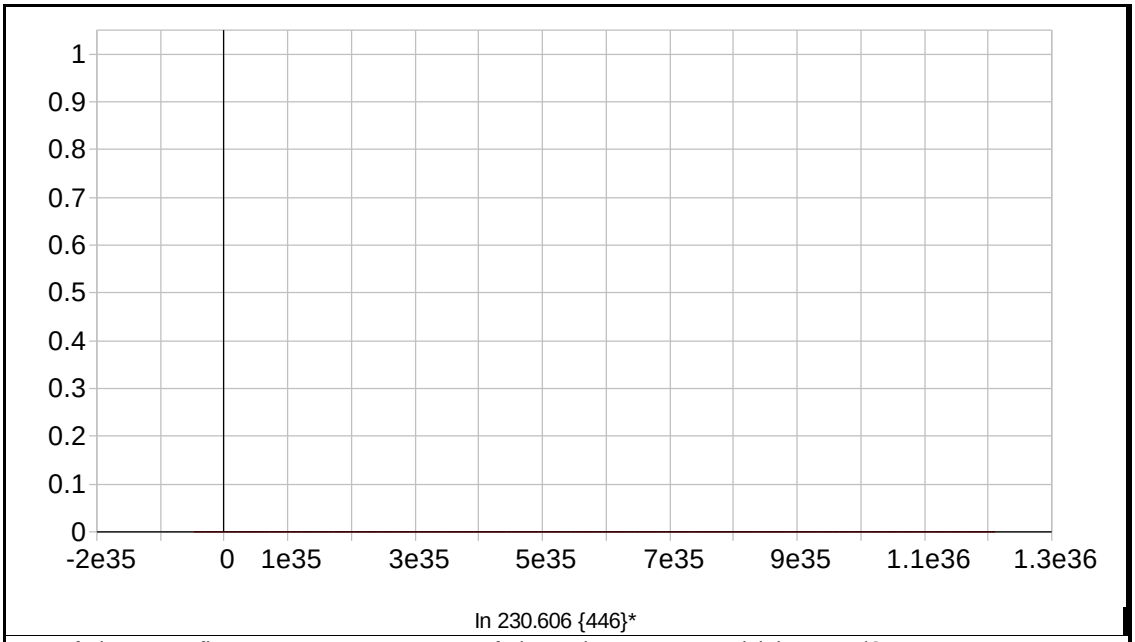
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



ln 230.606 {146}*

Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):		0.000000			Re-Slope:	1.000000	
A1 (Gain):		0.000000			Y-int:	0.000000	
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					

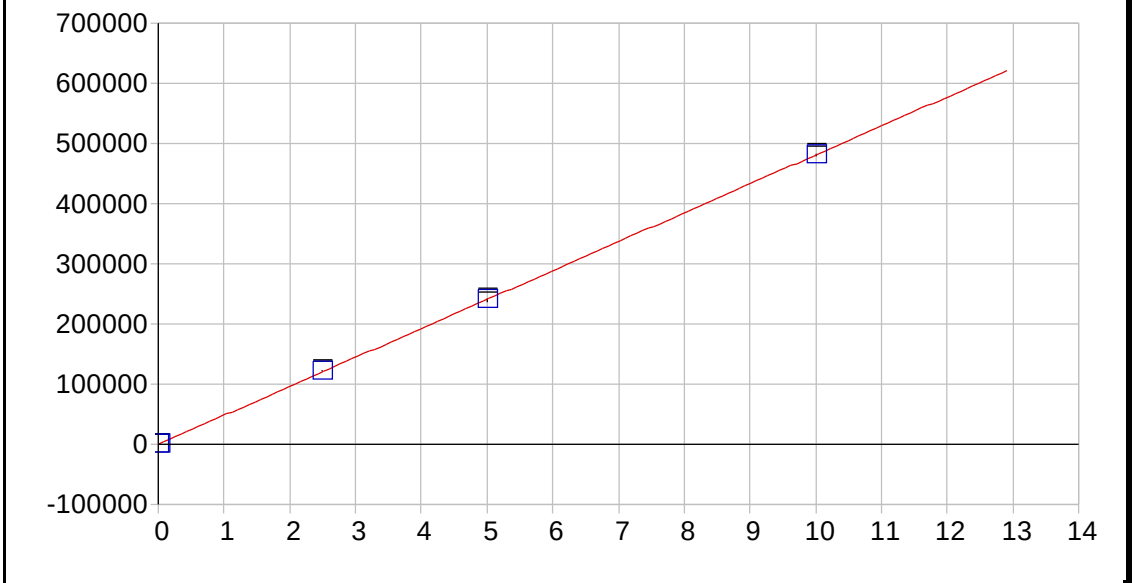
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



In 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	0.000000			Re-Slope:	1.000000	
A1 (Gain):	0.000000			Y-int:	0.000000	
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a					
Predicted MQL:	n/a					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Sr 407.771 { 83}

Date of Fit:	5/1/2013 18:19:06	Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	-5.679214			Re-Slope:	1.000000	
A1 (Gain):	48106.623851			Y-int:	0.000000	

APPENDIX C

SOIL BORING LOGS/MONITORING WELL COMPLETION LOGS

ARCADIS
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TEST BORING LOG

BORING No.MW-01

PROJECT	824 Broadway	LOCATION	Rensselaer, New York
CLIENT	City of Rensselaer		
DRILLING CONTRACTOR	ADT		
PURPOSE			
WELL MATERIAL			
DRILLING METHOD(S)		SAMPLE	CORE / CASING
DRILL RIG TYPE	Geoprobe	TYPE	
GROUND WATER DEPTH	5.0'	DIA.	"
MEASURING POINT		WEIGHT	#
DATE OF MEASUREMENT		FALL	"

SHEET	1 OF 1
PROJECT No.	05608003.0000
MEAS. PT. ELEV.	
GROUND ELEV.	
DATUM	
DATE STARTED	4/15/13
DATE FINISHED	4/15/13
DRILLER	Ritchie C.
PIRNIE STAFF	D. Giroux

DEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	GEOLOGIC DESCRIPTION KEY - Color, Major, Minor Moisture, Etc.	ELEV. / DEPTH	WELL Constr.	REMARKS
					Topsoil			
2	1		0		FILL, brown silty SAND with brick, gravel and ash, wet at 5'	1.0		Hand clear to 3.0
4								BRO-SB-1-4-5 (4-5 feet) and MS/MSD
								5.0 ▼
6					Brown CLAY	5.0		
8	5		0					
10					Brown CLAY with silt, SILT lens at 10.5-11	10.0		
12	5		0					
14								15.0
						15.0		

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TEST BORING LOG

BORING No.MW-03

PROJECT	824 Broadway	LOCATION	Rensselaer, New York
CLIENT	City of Rensselaer		
DRILLING CONTRACTOR	ADT		
PURPOSE			
WELL MATERIAL			
DRILLING METHOD(S)		SAMPLE	CORE / CASING
DRILL RIG TYPE	HSA	TYPE	
GROUND WATER DEPTH	8.0'	DIA.	"
MEASURING POINT		WEIGHT	#
DATE OF MEASUREMENT		FALL	"

SHEET	1 OF 1
PROJECT No.	05608003.0000
MEAS. PT. ELEV.	
GROUND ELEV.	
DATUM	
DATE STARTED	4/15/13
DATE FINISHED	4/15/13
DRILLER	Ritchie C.
PIRNIE STAFF	D. Giroux

DEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	GEOLOGIC DESCRIPTION KEY - Color, Major, Minor Moisture, Etc.	ELEV. / DEPTH	WELL Constr.	REMARKS
					Asphalt			
					FILL, gravel	0.5		Hand clear to 5 ft
					Brown Silty CLAY to Clayey SILT, moist	4.5		5.0
	0.4	1 1 2 2			Brown Silty CLAY, moist	5.0		BRO-SB-3-5-6 and duplicate (BRO-SB-DUP)
	0.5	3 4 3 3			Gray Silty CLAY to Clayey SILT, wet	8.0		7.0 ▼
	1.5	1 2 3 4			Gray Clayey SILT	9.0		
	1.5	4 4 4 5			Clayey SILT with fine sand	10.0		
	1.0	1 1 2 3			Gray Clayey SILT to Silty Clay, with sand from 11-12, moist	11.0		
	1.5	1 2 3 3			Gray Silty CLAY	13.0		17.0
	1.5	4 4 7 8			Gray/brown CLAY	17.0		
						19.0		

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TEST BORING LOG

BORING No.MW-04

PROJECT	824 Broadway	LOCATION	Rensselaer, New York
CLIENT	City of Rensselaer		
DRILLING CONTRACTOR	ADT		
PURPOSE			
WELL MATERIAL			
DRILLING METHOD(S)		SAMPLE	CORE / CASING
DRILL RIG TYPE	HSA	TYPE	
GROUND WATER DEPTH	9.0'	DIA.	"
MEASURING POINT		WEIGHT	#
DATE OF MEASUREMENT		FALL	"

SHEET	1 OF 2
PROJECT No.	05608003.0000
MEAS. PT. ELEV.	
GROUND ELEV.	
DATUM	
DATE STARTED	4/11/13
DATE FINISHED	4/11/13
DRILLER	Ritchie C.
PIRNIE STAFF	D. Giroux

DEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	GEOLOGIC DESCRIPTION KEY - Color, Major, Minor Moisture, Etc.	ELEV. / DEPTH	WELL Constr.	REMARKS
					Concrete			
					Brown Silty SAND with fine to coarse gravel, trace cobbles	0.5		Hand clear to 5'
2								
4								
6	1	1 1 2 2			FILL, brown and black gravelly SAND with black material, moist to wet, loose	5.0		BRO-SB-4-5-7
8	0.4	2 1 2 3			FILL, brown gravelly SAND with silt, some clay, moist, loose	7.0		7.0
10	0.2	3 3 4 3			Brown Silty CLAY, wet, stiff	9.0		9.0 ▼
12	1	2 3 4 5			Gray Clayey SILT	12.5		
14	1.5	1 1 3 3			Gray CLAY	13.5		
16		1 2 2 3			Gray CLAY with silt Brown CLAY	15.0 16.0		
18		4 5 5 12			Gray/brown mottled CLAY, fine to coarse gravel at 17.7', wet, loose	17.0		19.0
		2 3			Gray sand lens, dry Gray Clayey SILT	19.0		

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TEST BORING LOG

BORING No.MW-05

PROJECT	**824 Broadway**	LOCATION	**Rensselaer, New York**
CLIENT	**City of Rensselaer**		
DRILLING CONTRACTOR	**ADT**		
PURPOSE			
WELL MATERIAL			
DRILLING METHOD(S)			
DRILL RIG TYPE	**HSA**		
GROUND WATER DEPTH	**10.0'**		
MEASURING POINT			
DATE OF MEASUREMENT			

	SAMPLE	CORE	CASING
TYPE			
DIA.	"		
WEIGHT	#		
FALL	"		

SHEET	**1** OF **1**
PROJECT No.	**05608003.0000**
MEAS. PT. ELEV.	
GROUND ELEV.	
DATUM	
DATE STARTED	**4/12/13**
DATE FINISHED	**4/12/13**
DRILLER	**Ritchie C.**
PIRNIE STAFF	**D. Giroux**

DEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	GEOLOGIC DESCRIPTION KEY - Color, Major, Minor Moisture, Etc.	ELEV. DEPTH	WELL Constr.	REMARKS
2								Hand clear to 5'
4								
6	0.8	3 2 1 1	0		FILL, Silty SAND with gravel, moist	6.0		
8	1	1 1 1 1	40		Brown fine to medium SAND, trace fine gravel, moist	7.0		8.0 BRO-SB-5-8-9
10	0.5	1 1 3 1			Brown CLAY GRAVEL, wet	9.0 10.0		▼
12	0.5	1 1 1/1 ft			GRAVEL Brown Silty CLAY to Clayey SILT	11.0 11.2		
14	0.5	3 3 3 2			Brown Silty CLAY to Clayey SILT, rock in shoe	13.0		
16	2	1 3 5 2			Gray CLAY			
18		7 9 9 10			Brownish gray CLAY	17.0		18.0
						19.0		

TEST BORING LOG

HANSON VAN VLEET, LLC 902 Route 146, Clifton Park, NY 12065						**BORING NO. MW-6**
PROJECT: 800 Broadway, Rensselaer, NY, Brownfield Site No. C442043						Sheet 1 of 1
CLIENT: Tim Bayly						Job No.: 3222.95002
DRILLING CONTRACTOR: Aquifer Drilling & Testing						Meas.
PURPOSE: Remedial Investigation						Ground Elev.:
DRILLING METHOD: H.S.A.			SAMPLE	CORE	CASING	Datum: GL
DRILL RIG TYPE: CME 55		TYPE	SS		HAS	Date Started: 7/20/15
GROUND WATER DEPTH: Dry		DIAM.	2"		4.25"	Date Finished: 7/20/15
MEASURING POINT: Top of PVC		WEIGHT	140 lbs.	Submitted		Driller: Less Darrow
DATE OF MEASUREMENT: 8/6/15		FALL	30"	For Analysis		Inspector: L. Williams

Depth Ft.	Sample No.	Blows on Sample Spoon	Unified-Class	PID (ppm)	Geologic Description	Remarks Cuttings
		--			Asphalt and stone fill	Rec = 0.5'
1	S-1	1	SP	ND	Dark brown med to fine SAND, little	Dry
		2			Gravel (fill).	
2		3				
		3	SP		Brown med to fine SAND, trace Silt,	Dry
3	S-2	6		ND	little fine to med Gravel.	Rec = 1.3'
S-2		6				
4		5				
5	S-3	1	SP	ND	Brown med to fine SAND, trace Silt,	Dry
		1			little fine to med Gravel (Rec: 0.2').	Rec = 0.7'
		1	CL	ND	Brown SILT and CLAY, w/ GRAVEL	
6		2			(Rec: 0.4').	
S-4		1				
7	S-4	2	CL	ND	Brown SILT and CLAY, occasional	Rec = 1.2'
		2			layer of med to fine SAND.	Dry
8		3				
		1				
9	S-5	1	CL	ND	Brown grading to Grey silty CLAY.	Rec = 0.8'
		1				Dry - Moist
10		2				
S-6		WH			Grey silty CLAY, occasional	Rec = 1.5'
11	S-6	WH	CL	ND	layer of med to fine SAND.	Moist
		WH				
12		2				
		WH			Grey silty CLAY, occasional	Rec = 1.2'
13	S-7	2	CL	ND	layer of med to fine SAND.	Moist
S-7		3				
14		4				
		WH				
15	S-8	2	CL	ND	Grey silty CLAY, occasional	Rec = 1.3'
		3			layer of med to fine SAND.	Moist
16		5				
	S-9A	5	CL	ND	Grey silty CLAY, occasional	Rec = 2.0'
17 S-9A		6			layer of med to fine SAND (Rec: 1.6').	Moist
	S-9B	10		ND	Black Organic Mtrl (Rec: 0.02').	Dry
18 S-9C	S-9C	7	SP	ND	Grey m to f SAND, trace Silt (Rec: 0.2'	Moist
		2	CL	ND	Grey silty CLAY.	Rec = 1.8'
19 S-10	10	4				Moist
		6	CL	ND	Grading to brown silty CLAY.	
20		8				

20' END OF BORING

MONITORING WELL COMPLETION LOG **WELL NO.** MW-6

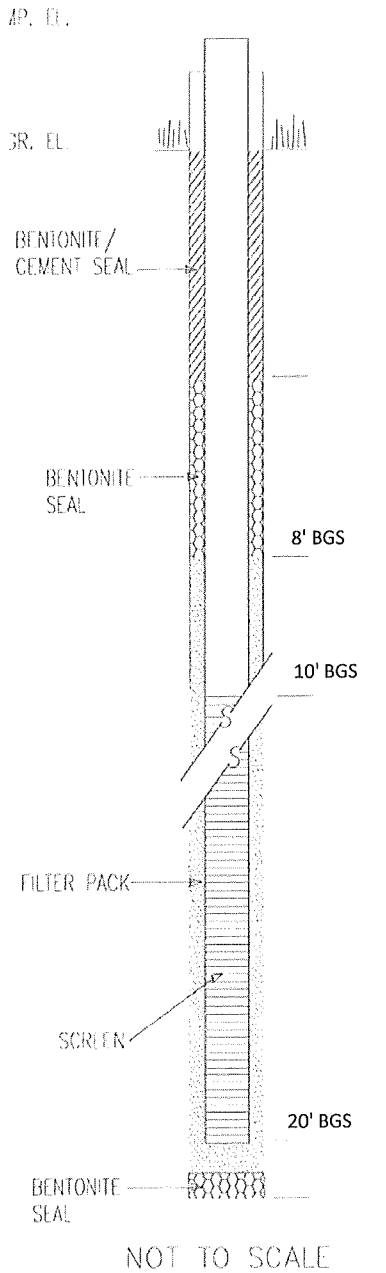
HANSON

VAN VLEET LLC.

PROJECT 800 Broadway

CLIENT Tim Bailey
PROJECT NO. 3222.95002
DATE DRILLED 7/21/15

WELL CONSTRUCTION DETAIL



Inspector: L. Williams
Drilling Contractor: ADT

Type of Well: 2" Monitoring Well
Static Water Level: Dry Date 8/6/15
Measuring Point (M.P.): Top of PVC
Total Depth of Well: 20' BGS
Total Depth of Boring: 20' BGS

Drilling Method
Type: HSA Diameter: 4 1/4"
Casing: HSA

Sample Method
Type: SS Diameter: 2"
Weight: 140 lbs Fall: 30"
Interval: Continuous

Riser Pipe Left in Place
Material: PVC Diameter: 2"
Length: 10' Joint Type: Threaded

Screen
Material: PVC Diameter: 2"
Slot Size: 0.010' Interval: 10' - 20' BGS
Stratigraphic Unit Screened: Clay w/ Sand Layers

Filter Pack
Sand: #1 Morie Gravel: Natural:
Grade:
Amount: Interval: 8'-20' BGS

Seal(s)
Type: Bentonite Chips Interval: 2'-8' BGS
Type: Interval:
Locking Casing: x Yes ___ No
Notes:

TEST BORING LOG

HANSON VAN VLEET, LLC 902 Route 146, Clifton Park, NY 12065					BORING NO. MW-7
PROJECT: 800 Broadway, Rensselaer, NY, Brownfield Site No. C442043					Sheet 1 of 1
CLIENT: Tim Bayly					Job No.: 3222.95002
DRILLING CONTRACTOR: Aquifer Drilling & Testing					Meas.
PURPOSE: Remedial Investigation					Ground Elev.:
DRILLING METHOD: H.S.A.		SAMPLE	CORE	CASING	Datum:
DRILL RIG TYPE: CME 55	TYPE	SS		HAS	Date Started: 7/21/15
GROUND WATER DEPTH: 13.20'	DIAM.	2"		4.25"	Date Finished: 7/21/15
MEASURING POINT: Top of PVC	WEIGHT	140 lbs.	Submitted for Analysis		Driller: Less Darrow
DATE OF MEASUREMENT: 8/6/15	FALL	30"			Inspector: L. Williams

Depth Ft.	Sample No.	Blows on Sample Spoon	Unified-Class	PID (ppm)	Geologic Description	Remarks Cuttings
		9			Fill	Rec = 1.1'
1	S-1	5	FILL	ND	Fill (Brick Fragments)	Dry
		3				
2		1				
		2	FILL		Fill - Med to coarse SAND, trace	Dry
3	S-2	2		ND	Gravel, Brick Frags, Glass, Ashes.	Rec = 0.8'
S-2A		2	CL		Brown silty CLAY.	Dry
4		2				
		1	CL	ND	Brown silty CLAY.	Moist
5	S-3A	2				Rec = 1'
	S-3B	1	FILL	ND	Fill-Black Cinders.	Moist
6		1				
		1	FILL	ND	Fill-Black Cinders.	Moist
7	S-4	1				Rec = 1.7'
S-4		2	CL	ND	Brown silty CLAY, trace Gravel.	Moist
8		3				
		1	FILL	ND	Fill-Black Cinders.	Rec = 1.6'
9 S-5	S-5	1		ND	Brown silty CLAY, 0.7' layer fine to	Moist
		2			med SAND, some Silty Clay.	Moist-Wet
10		4		ND	Brown silty CLAY.	Moist
		1	CL	ND	Brown silty CLAY.	
11	S-6	2		ND	Dark grey silty CLAY, layer of fine to	Rec = 1.5'
		2			med SAND.	Moist
12		4	CL	ND	Grey silty CLAY.	
		2	CL	ND	Brown silty CLAY, layer of fine to med	Rec = 2.0'
13	S-7	6			SAND, trace Silt.	Wet
		7				
14		8	CL	ND	Brown silty CLAY.	
		3				
15	S-8	4	CL	ND	Brown silty CLAY.	Rec = 2.0'
S-8		7				Moist
16		7				
		7				
17	S-9	9	CL	ND	Brown silty CLAY.	Rec = 2.0'
		8				Moist
18		9				
		2				
19	S-10	4	CL	ND	Brown SILT and CLAY.	Rec = 2.0'
S-10		6				Moist
20		7				

20' END OF BORING.

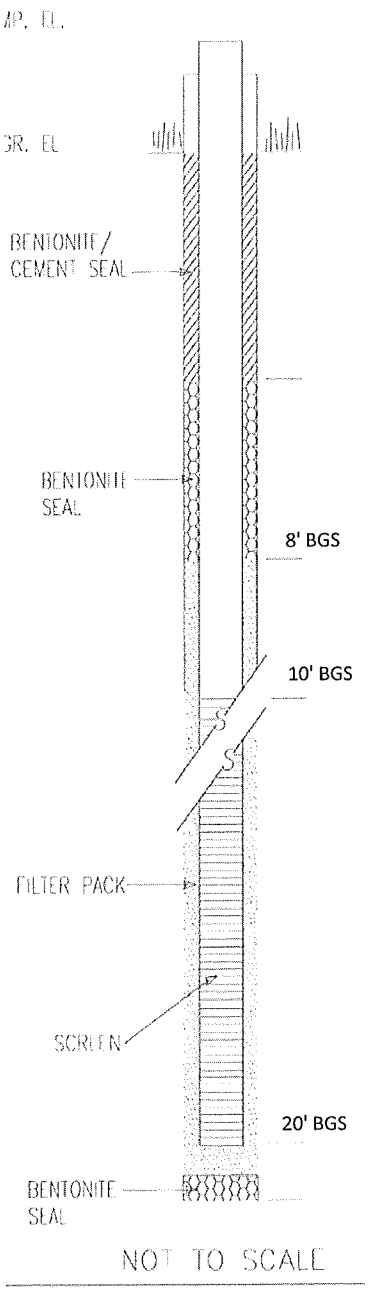
MONITORING WELL COMPLETION LOG **WELL NO.** MW-7

HANSON
VAN VLEET LLC.

PROJECT 800 Broadway

CLIENT Tim Bailey
PROJECT NO. 3222.95002
DATE DRILLED 7/21/15

WELL CONSTRUCTION DETAIL



Inspector: L. Williams
Drilling Contractor: ADT

Type of Well: 2" Monitoring Well
Static Water Level: 13.20 Date 8/6/15
Measuring Point (M.P.): Top of PVC
Total Depth of Well: 20' BGS
Total Depth of Boring: 20' BGS

Drilling Method
Type: HSA Diameter: 4 1/4"
Casing: HSA

Sample Method
Type: SS Diameter: 2"
Weight: 140 lbs Fall: 30"
Interval: Continuous

Riser Pipe Left in Place
Material: PVC Diameter: 2"
Length: 10' Joint Type: Threaded

Screen
Material: PVC Diameter: 2"
Slot Size: 0.010' Interval: 10' - 20' BGS
Stratigraphic Unit Screened: Clay w/ Sand Layers

Filter Pack
Sand: #1 Morie Gravel: Natural:
Grade:
Amount: Interval: 8'-20' BGS

Seal(s)
Type: Bentonite Chips Interval: 2'-8' BGS
Type: Interval:
Locking Casing: x Yes ___ No
Notes:

TEST BORING LOG

HANSON VAN VLEET, LLC 902 Route 146, Clifton Park, NY 12065						**BORING NO. MW-8**
PROJECT: 800 Broadway, Rensselaer, NY, Brownfield Site No. C442043						Sheet 1 of 1
CLIENT: Tim Bayly						Job No.:
DRILLING CONTRACTOR: Aquifer Drilling & Testing						Meas.
PURPOSE: Remedial Investigation						Ground Elev.:
DRILLING METHOD: H.S.A.			SAMPLE	CORE	CASING	Datum: GL
DRILL RIG TYPE: CME 55		TYPE	SS		HAS	Date Started: 7/20/15
GROUND WATER DEPTH: 13.55'		DIAM.	2"		4.25"	Date Finished: 7/20/15
MEASURING POINT: Top of PVC		WEIGHT	140 lbs.	Submitted		Driller: Less Darrow
DATE OF MEASUREMENT: 8/6/15		FALL	30"	For Analysis		Inspector: L. Williams

Depth Ft.	Sample No.	Blows on Sample Spoon	Unified-Class	PID (ppm)	Geologic Description	Remarks Cuttings
		--	FILL		Fill	Rec = 0.6'
1	S-1	2		ND	Brown fine SAND with Concrete	Dry
		6			Rubble.	
2		6				
		5				Dry
3	S-2	3	SW	ND	Brown fine SAND.	Rec = 1.4'
S-2		2				
4		2				
		1	SW		Brown fine SAND.	Dry
5	S-3	1		ND		Rec = 0.8'
		1			Two 1" layers of CLAY.	
6		2				
		1	SW		Brown fine SAND, with 1" layer	Dry
7	S-4	1		ND	of CLAY.	Rec = 1.3'
S-4		1				
8		1				
	S-5A	1	SW	ND	Brown fine SAND.	Rec = 1.1'
9		1				Dry
	S-5B	2	SW	ND	Dark Brown fine SAND, trace fine	
10		4			Gravel,trace Clay.	Dry
	S-6A	2	SW	ND	Brown fine SAND, trace fine Gravel,	Dry
11		1			trace Clay.	Rec = 1.7'
S-6B	S-6B	1	CL	ND	Brown silty Clay	Dry
12		2				
		1				Rec = 0.5'
13	S-7	1	CL	ND	Brown silty Clay	Dry-Moist
		2				
14		2				
		1			Brown silty CLAY with occasional	Rec = 1.4'
15	S-8	1	CL	ND	layers of med to fine SAND, trace Silt.	Wet
S-8		1				
16		5				
		5	CL	ND	Brown silty CLAY with occasional	Rec = 2.0'
17	S-9	5			layers of med to fine SAND, trace Silt.	Wet
		5				
18		9				
		2				Rec = 2.0'
19	S-10	4	CL	ND	Brown silty CLAY with occasional	Wet
S-11		6			layers of med to fine SAND, trace Silt.	
20		8				

20' END OF BORING.

MONITORING WELL COMPLETION LOG **WELL NO.** MW-8

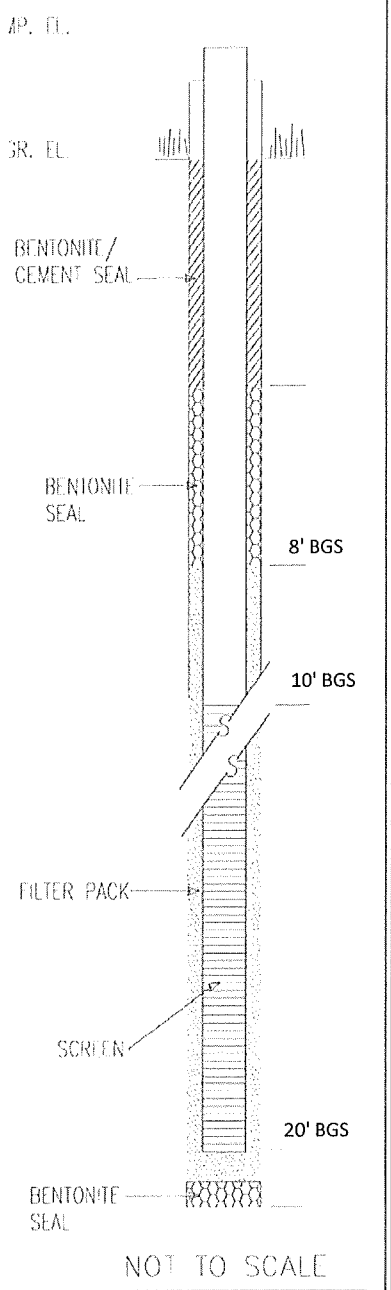
HANSON

VAN VLEET LLC.

PROJECT 800 Broadway

CLIENT Tim Bailey
PROJECT NO. 3222.95002
DATE DRILLED 7/21/15

WELL CONSTRUCTION DETAIL



Inspector: L. Williams
Drilling Contractor: ADT

Type of Well: 2" Monitoring Well
Static Water Level: 13.55' Date 8/6/15
Measuring Point (M.P.): Top of PVC
Total Depth of Well: 20' BGS
Total Depth of Boring: 20' BGS

Drilling Method
Type: HSA Diameter: 4 1/4"
Casing: HSA

Sample Method
Type: SS Diameter: 2"
Weight: 140 lbs Fall: 30"
Interval: Continuous

Riser Pipe Left in Place
Material: PVC Diameter: 2"
Length: 10' Joint Type: Threaded

Screen
Material: PVC Diameter: 2"
Slot Size: 0.010' Interval: 10' - 20' BGS
Stratigraphic Unit Screened: Clay w/ Sand Layers

Filter Pack
Sand: #1 Morie Gravel: Natural:
Grade:
Amount: Interval: 8'-20' BGS

Seal(s)
Type: Bentonite Chips Interval: 2'-8' BGS
Type: Interval:
Locking Casing: x Yes ___ No
Notes:

TEST BORING LOG

HANSON VAN VLEET, LLC 902 Route 146, Clifton Park, NY 12065						**BORING NO. MW-9**
PROJECT: 800 Broadway, Rensselaer, NY, Brownfield Site No. C442043						Sheet 1 of 2
CLIENT: Tim Bayly						Job No.:
DRILLING CONTRACTOR: Aquifer Drilling and Testing						Meas.
PURPOSE: Remedial Investigation						Ground Elev.:
DRILLING METHOD: Hand Auger and Driven Macrocore				CORE	CASING	Datum:
DRILL RIG TYPE:		TYPE				Date Started: 9/1/15
GROUND WATER DEPTH:		DIAM.				Date Finished: 9/2/15
MEASURING POINT:		WEIGHT		SAMPLE SUBMITTED FOR LAB ANALYSIS		Driller: M. Bachner
DATE OF MEASUREMENT:		FALL				Inspector: J. Gironda

Depth Ft.	Sample No.	Blows on Sample Spoon per 6"	Unified-Class	PID (ppm)	Geologic Description	Remarks Cuttings
0.00 – 0.50				ND	Concrete floor and fragments, with fine brown SAND.	Dry
0.75	S-1			ND		Hand Auger
1.00					Brown fine SAND, some Silt and Clay.	Dry
1.25						
1.50						
1.75				ND	Layer of Concrete.	
2.00	S-2			ND		Hand Auger
2.25					Brown SILT and CLAY.	Dry
2.50						
2.75						
3.00						
3.25	S-3			ND		Hand Auger
3.50					Brown SILT and CLAY.	Dry
3.75						
4.00	S-4			69 PPM		Hand Auger
4.25					Brown SILT and CLAY.	Dry
4.50						
4.75						
5.00					Rock Fragments.	
5.25	S-5			31 PPM		Hand Auger
5.50					Brown SILT and CLAY.	Dry
5.75						
6.00						
6.25	S-6					Macro Core
6.50						

HANSON VAN VLEET, LLC 902 Route 146, Clifton Park, NY 12065						BORING NO.: MW-9
PROJECT: 800 Broadway, Rensselaer, NY, Brownfield Site No. C442043						Sheet 2 of 2
CLIENT: Tim Bayly						Job No.:
Depth Ft.	Sample No.	Blows on Sample Spoon per 6"	Unified-Class	PID (ppm)	Geologic Description	Remarks Cuttings
6.75	S-6			115 PPM	Brown SILT and CLAY.	Moist
7.00						
7.25	S-7			415 PPM	Dark Grey/Black coarse SAND,	Macro Core
7.50					some Silt and Clay.	Wet w Odor
7.75	REFUSAL AT 7.5' MOVE 1.5' DOWNGRADIENT TO MW-9A, BEGIN SAMPLING AT 7.75' on 9/2/15.					
8.00						Macro Core
8.25	S-8			*NA	Dark Grey/Black coarse SAND,	Wet w Odor
8.50					some Silt and Clay.	
8.75	S-9			*NA	Grey SILT and CLAY.	Tight
9.00						Odor
	Refusal at 9.0', end of boring. Set 1" MW-9 to 9' BGS. 5' 10 slot screen from 9-4' BGS, solid riser to 1' AGS. Morie sand pack from 9-2' BGS. Bentonite from 2' BGS to Grade.					
	* PID malfunction on 9/2/15, no PID Readings available for samples S-8 or S-9.					

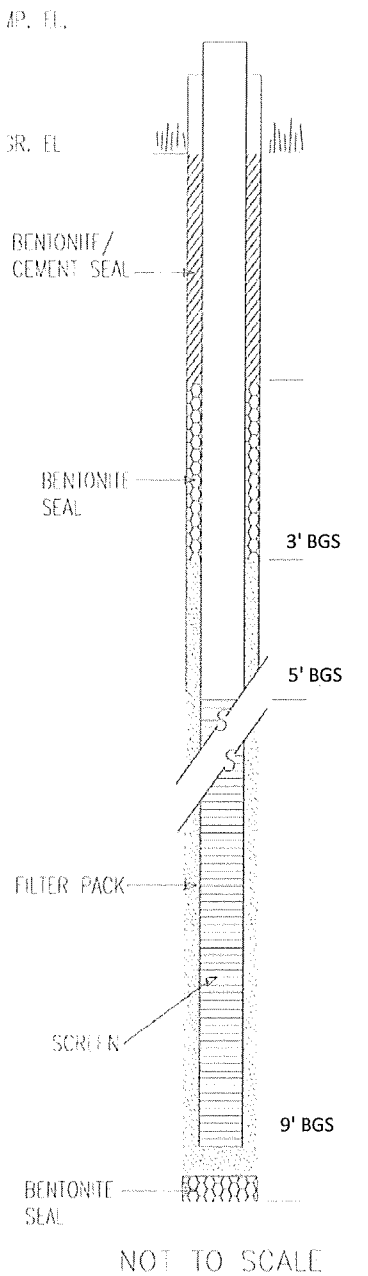
MONITORING WELL COMPLETION LOG **WELL NO._** MW-9

HANSON
VAN VLEET LLC.

PROJECT__ 800 Broadway

CLIENT___ Tim Bailey
PROJECT NO._3222.95002
DATE DRILLED__9/1-2/15_____

WELL CONSTRUCTION DETAIL



Inspector: ___J. Gironda_____
Drilling Contractor:___ADT_____

Type of Well:____1" Monitoring Well_____
Static Water Level:__Approx 7'_____Date__9/21/15
Measuring Point (M.P.):___Grade_____
Total Depth of Well:_____9' BGS_____
Total Depth of Boring:___9' BGS_____

Drilling Method
Type:___Direct Push___Diameter:____1"_____
Casing:____Macrocore_____

Sample Method
Type:___Macrocore___Diameter:___1"_____
Weight:___NA___Fall:___NA_____
Interval:__Continuous_____

Riser Pipe Left in Place
Material:___PVC_____Diameter:_____1"_____
Length:_____5'_____Joint Type:____Threaded___

Screen
Material:___PVC_____Diameter:_____1"_____
Slot Size:____0.010'____Interval:___9'-4' BGS_
Stratigraphic Unit Screened:_Clay overlying Sand

Filter Pack
Sand:____#1 Morie_Gravel:_____Natural:_____
Grade:_____
Amount:_____Interval:_____9'-3' BGS

Seal(s)
Type:__Bentonite Chips_Interval:___0'-3' BGS__
Type:_____Interval:_____
Locking Casing: ___Yes __x_No
Notes:

TEST BORING LOG

HANSON VAN VLEET, LLC 902 Route 146, Clifton Park, NY 12065							**BORING NO. MW-10**
PROJECT: 800 Broadway, Rensselaer, NY, Brownfield Site No. C442043							Sheet 1 of 1
CLIENT: Tim Bayly							Job No.:
DRILLING CONTRACTOR: Aquifer Drilling & Testing							Meas.
PURPOSE: Remedial Investigation							Ground Elev.:
DRILLING METHOD: Hand Auger / Driven Macrocore					CORE	CASING	Datum: GL
DRILL RIG TYPE:			TYPE			HAS	Date Started: 9/1/15
GROUND WATER DEPTH:			DIAM.				Date Finished: 9/1/15
MEASURING POINT:			WEIGHT		Submitted for Lab Analysis		Driller: M. Bachner
DATE OF MEASUREMENT:			FALL				Inspector: J. Gironda

Depth Ft.	Sample No.	Blows on Sample Spoon	Unified-Class	PID (ppm)	Geologic Description	Remarks Cuttings
1				ND	Grey fine SAND with concrete frags,	HAND AUGER
					(Fill).	DRY
2	S-1			ND	Brown SILT and CLAY.	HAND AUGER
						DRY, TIGHT
3	S-2			ND	Brown SILT and CLAY.	MACROCORE
						4' REC
4	S-3			ND	Brown SILT and CLAY.	MACROCORE
						DRY TIGHT
5	S-4			ND	Brown SILT and CLAY.	MACROCORE
						DRY TIGHT
6	S-5			ND	Brown SILT and CLAY.	MACROCORE
						DRY TIGHT
7	S-6			ND	Brown coarse SAND, little Silt and	MACROCORE
					Clay. MOIST.	REFUSAL AT 9'
8	S-7			ND	Coarse SAND, little Silt and Clay.	MOIST
	S-8			ND	Grey SILT and CLAY.	DRY TIGHT
9	S-9			ND	Grey SILT and CLAY.	DRY TIGHT
10						

Refusal with macrocore at 9.0' BGS, end of boring. Set 1" MW-10 to 9' BGS. 5' 10 slot screen set from 9' to 4' BGS. Solid riser set from 4' BGS to 1' AGS. Morie sand set from 9' to 2' BGS. Bentonite from 2' BGS to Grade Surface.

MONITORING WELL COMPLETION LOG **WELL NO._** MW-10

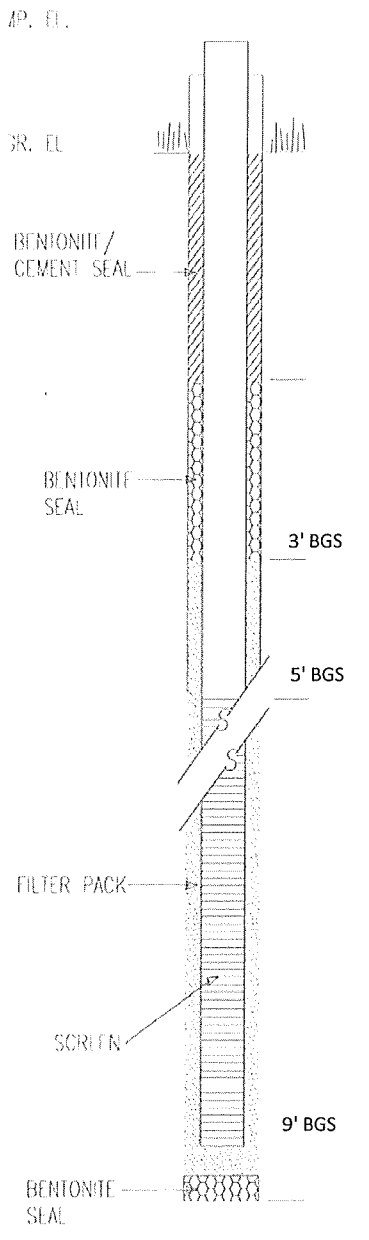
HANSON

VAN VLEET LLC.

PROJECT__ 800 Broadway

CLIENT___ Tim Bailey
PROJECT NO._3222.95002
DATE DRILLED__9/1/15_____

WELL CONSTRUCTION DETAIL



Inspector: ___J. Gironda_____
Drilling Contractor:___ADT_____

Type of Well:____1" Monitoring Well_____
Static Water Level:__Approx 7'_____Date__9/21/15
Measuring Point (M.P.):___Grade_____
Total Depth of Well:_____9' BGS_____
Total Depth of Boring:___9' BGS_____

Drilling Method
Type:___Direct Push___Diameter:____1"_____
Casing:____Macrocore_____

Sample Method
Type:___Macrocore___Diameter:___1"_____
Weight:___NA___Fall:___NA_____
Interval:__Continuous_____

Riser Pipe Left in Place
Material:___PVC_____Diameter:_____1"_____
Length:_____5'_____Joint Type:____Threaded___

Screen
Material:___PVC_____Diameter:_____1"_____
Slot Size:____0.010'____Interval:___9'-4' BGS_
Stratigraphic Unit Screened:_Clay overlying Sand

Filter Pack
Sand:____#1 Morie_Gravel:_____Natural:_____
Grade:_____
Amount:_____Interval:_____9'-3' BGS

Seal(s)
Type:__Bentonite Chips_Interval:___0'-3' BGS__
Type:_____Interval:_____
Locking Casing: ___Yes __x_No
Notes:

TEST BORING LOG

HANSON VAN VLEET, LLC 902 Route 146, Clifton Park, NY 12065							**BORING NO. MW-11**
PROJECT: 800 Broadway, Rensselaer, NY, Brownfield Site No. C442043							Sheet 1 of 1
CLIENT: Tim Bayly							Job No.:
DRILLING CONTRACTOR: Aquifer Drilling & Testing							Meas.
PURPOSE: Remedial Investigation							Ground Elev.:
DRILLING METHOD: Hand Auger / Driven Macrocore					CORE	CASING	Datum: GL
DRILL RIG TYPE:		TYPE				HAS	Date Started: 9/1/15
GROUND WATER DEPTH:		DIAM.					Date Finished: 9/1/15
MEASURING POINT:		WEIGHT			Submitted for Lab Analysis		Driller: M. Bachner
DATE OF MEASUREMENT:		FALL					Inspector: J. Gironda

Depth Ft.	Sample No.	Blows on Sample Spoon	Unified-Class	PID (ppm)	Geologic Description	Remarks Cuttings
1	S-1			ND	Brown fine SAND some Silt.	Hand Auger
						Dry
2	S-2			ND	Brown fine SAND with SILT and CLAY	Hand Auger
					little Brick fragments (Fill).	Dry
3	S-3			ND	Brown fine SAND with SILT and CLAY	Hand Auger
					little Brick fragments (Fill).	Dry
4	S-4			ND	Brown SILT and CLAY.	Macrocore: 4' rec.
						Dry, tight
5	S-5			ND	Brown SILT and CLAY.	Macrocore
						Dry, tight
6	S-6			ND	Brown SILT and CLAY.	Macrocore
						Dry, tight
7	S-7			ND	Brown SILT and CLAY.	Macrocore
						Dry, tight
8	S-8			ND	Brown SILT and CLAY.	Macrocore Full Rec
						Moist
9	S-9			ND	Brown SILT and CLAY.	Moist
	S-10				Brown SILT and CLAY.	Moist
10	S-11			ND	Brown SILT and CLAY.	Moist
	Refusal with macrocore at 9.5' BGS, end of boring. Set 1" MW-11 to 10.5' BGS. 5' 10 slot screen set from 10.5' to 5.5' BGS. Solid riser set from 5.5' BGS to 1' AGS. Morie sand set from 10.5 to 3.5' BGS, Bentonite from 3.5' BGS to Grade Surface.					

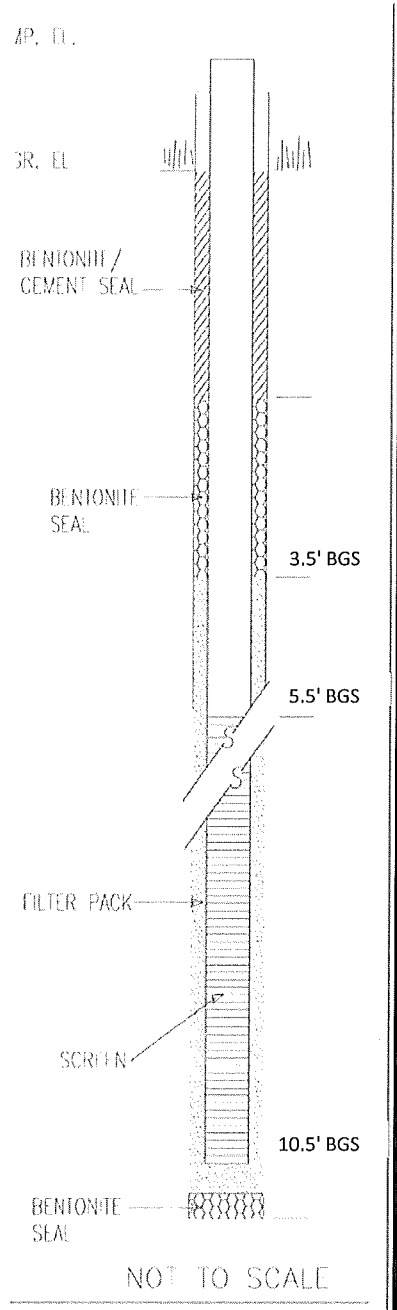
MONITORING WELL COMPLETION LOG **WELL NO.** MW-11

HANSON
VAN VLEET LLC.

PROJECT 800 Broadway

CLIENT Tim Bailey
PROJECT NO. 3222.95002
DATE DRILLED 9/1/15

WELL CONSTRUCTION DETAIL



Inspector: J. Gironda
Drilling Contractor: ADT

Type of Well: 1" Monitoring Well
Static Water Level: Dry Date 9/21/15
Measuring Point (M.P.): Grade
Total Depth of Well: 10.5' BGS
Total Depth of Boring: 9.5' BGS

Drilling Method
Type: Direct Push Diameter: 1"
Casing: Macrocore

Sample Method
Type: Macrocore Diameter: 1"
Weight: NA Fall: NA
Interval: Continuous

Riser Pipe Left in Place
Material: PVC Diameter: 1"
Length: 6.5' Joint Type: Threaded

Screen
Material: PVC Diameter: 1"
Slot Size: 0.010' Interval: 5.5'-10.5' BGS
Stratigraphic Unit Screened: Clay overlying Sand

Filter Pack
Sand: #1 Morie Gravel: Natural:
Grade:
Amount: Interval: 10.5'-3.5' BGS

Seal(s)
Type: Bentonite Chips Interval: 0'-3.5' BGS
Type: Interval:
Locking Casing: Yes x No
Notes:

APPENDIX D

FIELD WELL DEVELOPMENT RECORDS

HANSON

VAN VLEET, LLC

Water Supply & Environmental Consultants

Site: TIM BAYLY BCP C442043
Job #
Personel: JAMES GIRONDA

Date: 8/6/15
Well #: MW-1

Well Information

Screen I.D.:
Screened Interval:
Stratigraphic Unit:
Comments:

Riser Same?:

Depth to Water: 5.73
Well Water Volume: 1.51

Sand/Silt Accumulation:

Development Technique

Type: BAILER
Well Dedicated Equipment: YES

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began:

Time Finished:

Volume Removed:

Water Characteristics - Well Volume 1

Color: TAN
Turbidity: 215
Odor: NONE
Temperature: 16.0

pH: 7.40
Cond: 519
TDS: 389
ORP: -30
DO: 32.2

Water Characteristics - Well Volume 2

Color: TAN
Turbidity: 200
Odor: NONE
Temperature: 15.0

pH: 7.30
Cond: 603
TDS: 425
ORP: -70
DO: 29.4

Water Characteristics - Well Volume 3

Color: TAN
Turbidity: 205
Odor: NONE
Temperature: 14.7

pH: 7.33
Cond: 640
TDS: 450
ORP: -80
DO: 27.3

HANSON

VAN VLEET, LLC

Water Supply & Environmental Consultants

Site: TIM BAYLY BCP C442043
Job #
Personel: JAMES GIRONDA

Date: 8/6/15
Well #: MW-3

Well Information

Screen I.D.:
Screened Interval:
Stratigraphic Unit:
Comments:

Riser Same?:

Depth to Water: 15.80
Well Water Volume: 0.01 GALLONS

Sand/Silt Accumulation:

Development Technique

Type: BAILER
Well Dedicated Equipment: YES

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began:

Time Finished:

Volume Removed: 0.25 GALLONS (WELL DRY AFTER SECOND VOLUME PURGED)

Water Characteristics - Well Volume 1

Color: TAN
Turbidity: 60
Odor: NONE
Temperature: 18.5

pH: 6.80
Cond: 2.60
TDS: 1.54
ORP: 116
DO: 42.1

Water Characteristics - Well Volume 2

Color: TAN/ORANGE
Turbidity: 100
Odor: NONE
Temperature: 17.7

pH: 6.66
Cond: 2.50
TDS: 1.75
ORP: 126
DO: 54.3

Water Characteristics - Well Volume 3

Color:
Turbidity:
Odor:
Temperature:

pH:
Cond:
TDS:
ORP:
DO:

HANSON

VAN VLEET, LLC

Water Supply & Environmental Consultants

Site: TIM BAYLY BCP C442043
Job #
Personel: JAMES GIRONDA

Date: 8/6/15
Well #: MW-4

Well Information

Screen I.D.:
Screened Interval:
Stratigraphic Unit:
Comments:

Riser Same?:

Depth to Water: 18.15
Well Water Volume: 0.15

Sand/Silt Accumulation:

Development Technique

Type: BAILER
Well Dedicated Equipment: YES

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began:

Time Finished:

Volume Removed:

Water Characteristics - Well Volume 1

Color: BROWN/ORANGE
Turbidity: 370
Odor: NONE
Temperature: 18.7

pH: 7.20
Cond: 2.92
TDS: 2.05
ORP: -60
DO: 69.3

Water Characteristics - Well Volume 2

Color: BROWN/ORANGE
Turbidity: 330
Odor: NONE
Temperature: 18.7

pH: 7.22
Cond: 3.16
TDS: 1.98
ORP: -71
DO: 65.4

Water Characteristics - Well Volume 3

Color: BROWN/ORANGE
Turbidity: 350
Odor: NONE
Temperature: 18.0

pH: 7.30
Cond: 3.41
TDS: 2.21
ORP: -57
DO: 63.8

HANSON

VAN VLEET, LLC

Water Supply & Environmental Consultants

Site: TIM BAYLY BCP C442043
Job #
Personel: JAMES GIRONDA

Date: 8/6/15
Well #: MW-5

Well Information

Screen I.D.:
Screened Interval:
Stratigraphic Unit:
Comments:

Riser Same?:

Depth to Water: 11.20
Well Water Volume: 1.02 GALLONS

Sand/Silt Accumulation:

Development Technique

Type: BAILER
Well Dedicated Equipment: YES

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began:

Time Finished:

Volume Removed:

Water Characteristics - Well Volume 1

Color: NONE
Turbidity: 60
Odor: NONE
Temperature: 18.0

pH: 7.30
Cond: 4.25
TDS: 3.01
ORP: 30
DO: 36.8

Water Characteristics - Well Volume 2

Color: NONE
Turbidity: 40
Odor: NONE
Temperature: 17.7

pH: 7.30
Cond: 4.42
TDS: 3.12
ORP: 82
DO: 36.5

Water Characteristics - Well Volume 3

Color: NONE
Turbidity: 25
Odor: NONE
Temperature: 18.0

pH: 7.19
Cond: 4.35
TDS: 3.08
ORP: 95
DO: 35.7

HANSON

VAN VLEET, LLC

Water Supply & Environmental Consultants

Site: TIM BAYLY BCP C442043
Job # _____
Personel: JAMES GIRONDA

Date: 8/6/15
Well #: MW-6

Well Information

Screen I.D.: _____
Screened Interval:_____
Stratigraphic Unit: _____
Comments: _____

Riser Same?: _____

Depth to Water: WELL DRY - NO DEVELOPMENT
Well Water Volume: _____

Sand/Silt Accumulation: _____

Development Technique

Type: _____
Well Dedicated Equipment: _____

Flow Rate: _____
Decon Procedures: _____

Observations

Time Began: _____

Time Finished: _____

Volume Removed: _____

Water Characteristics - Well Volume 1

Color: _____
Turbidity: _____
Odor: _____
Temperature: _____

pH: _____
Cond: _____
TDS: _____
ORP: _____
DO: _____

Water Characteristics - Well Volume 2

Color: _____
Turbidity: _____
Odor: _____
Temperature: _____

pH: _____
Cond: _____
TDS: _____
ORP: _____
DO: _____

Water Characteristics - Well Volume 3

Color: _____
Turbidity: _____
Odor: _____
Temperature: _____

pH: _____
Cond: _____
TDS: _____
ORP: _____
DO: _____

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VAN VLEET, LLC

Water Supply & Environmental Consultants

Site: TIM BAYLY BCP C442043
Job #
Personel: JAMES GIRONDA

Date: 8/6/15
Well #: MW-7

Well Information

Screen I.D.:
Screened Interval:
Stratigraphic Unit:
Comments:

Riser Same?:

Depth to Water: 13.20
Well Water Volume: 1.10

Sand/Silt Accumulation:

Development Technique

Type: BAILER
Well Dedicated Equipment: YES

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began:

Time Finished:

Volume Removed:

Water Characteristics - Well Volume 1

Color: GREY/WHITE
Turbidity: 220
Odor: NONE
Temperature: 15.3

pH: 7.48
Cond: 875
TDS: 620
ORP: 130
DO: 75

Water Characteristics - Well Volume 2

Color: GREY/WHITE
Turbidity: 210
Odor: NONE
Temperature: 14.80

pH: 7.48
Cond: 890
TDS: 625
ORP: 139
DO: 74.3

Water Characteristics - Well Volume 3

Color: GREY
Turbidity: 175
Odor: NONE
Temperature: 14.6

pH: 7.28
Cond: 935
TDS: 660
ORP: 141
DO: 75.2

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VAN VLEET, LLC

Water Supply & Environmental Consultants

Site: TIM BAYLY BCP C442043
Job #
Personel: JAMES GIRONDA

Date: 8/6/15
Well #: MW-8

Well Information

Screen I.D.:
Screened Interval:
Stratigraphic Unit:
Comments:

Riser Same?:

Depth to Water: 13.55
Well Water Volume: 1.05

Sand/Silt Accumulation:

Development Technique

Type: BAILER
Well Dedicated Equipment: YES

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began:

Time Finished:

Volume Removed:

Water Characteristics - Well Volume 1

Color: NONE
Turbidity: 82
Odor: NONE
Temperature: 16.4

pH: 7.32
Cond: 2.13
TDS: 1.50
ORP: 105
DO: 70.1

Water Characteristics - Well Volume 2

Color: NONE
Turbidity: 105
Odor: NONE
Temperature: 16.0

pH: 7.35
Cond: 2.33
TDS: 1.65
ORP: 123
DO: 67.3

Water Characteristics - Well Volume 3

Color: NONE
Turbidity: 105
Odor: NONE
Temperature: 15.8

pH: 7.32
Cond: 2.40
TDS: 1.70
ORP: 129
DO: 71.1

HANSON

Water Supply & Environmental Consultants

VAN VLEET, LLC

Site: TIM BAYLY BCP C442043
Job # _____
Personel: JAMES GIRONDA

Date: 9/18/15
Well #: MW-9

Well Information

Screen I.D.: _____
Screened Interval: _____
Stratigraphic Unit: _____
Comments: _____

Riser Same?: _____

Depth to Water: 7.30 BTOC
Well Water Volume: 0.10 GALLONS

Sand/Silt Accumulation: _____

Development Technique

Type: BAILER
Well Dedicated Equipment: YES

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began: 12:40

Time Finished: 13:05

Volume Removed: APPROX 12 OZ (DRY AFTER ONE WELL VOLUME)

Water Characteristics - Well Volume 1

Color: BROWN/TAN
Turbidity: 275
Odor: SOLVENT ODOR
Temperature: 16.05

pH: 7.31
Cond: 795
TDS: 1.50
ORP: 105
DO: 70.1

Water Characteristics - Well Volume 2

Color: _____
Turbidity: _____
Odor: _____
Temperature: _____

pH: _____
Cond: _____
TDS: _____
ORP: _____
DO: _____

Water Characteristics - Well Volume 3

Color: _____
Turbidity: _____
Odor: _____
Temperature: _____

pH: _____
Cond: _____
TDS: _____
ORP: _____
DO: _____

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VAN VLEET, LLC

Water Supply & Environmental Consultants

Site: TIM BAYLY BCP C442043
Job # _____
Personel: JAMES GIRONDA

Date: 9/18/15
Well #: MW-10

Well Information

Screen I.D.: _____
Screened Interval: _____
Stratigraphic Unit: _____
Comments: _____

Riser Same?: _____

Depth to Water: 7.30 BTOC
Well Water Volume: 0.10 GALLONS

Sand/Silt Accumulation: _____

Development Technique

Type: BAILER
Well Dedicated Equipment: YES

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began: 12:40

Time Finished: 13:05

Volume Removed: APPROX 12 OZ (DRY AFTER ONE WELL VOLUME)

Water Characteristics - Well Volume 1

Color: BROWN/TAN
Turbidity: 275
Odor: SOLVENT ODOR
Temperature: 16.05

pH: 7.31
Cond: 795
TDS: 1.50
ORP: 105
DO: 70.1

Water Characteristics - Well Volume 2

Color: _____
Turbidity: _____
Odor: _____
Temperature: _____

pH: _____
Cond: _____
TDS: _____
ORP: _____
DO: _____

Water Characteristics - Well Volume 3

Color: _____
Turbidity: _____
Odor: _____
Temperature: _____

pH: _____
Cond: _____
TDS: _____
ORP: _____
DO: _____

HANSON

VAN VLEET, LLC

Water Supply & Environmental Consultants

Site: TIM BAYLY BCP C442043
Job # _____
Personel: James Gironda
_____

Date: 9/18/15
Well #: MW-11

Well Information

Screen I.D.: 1"
Screened Interval: _____
Stratigraphic Unit: _____
Comments: _____
_____

Riser Same?: _____

Depth to Water: DRY- NO DEVELOPMENT
Well Water Volume: _____

Sand/Silt Accumulation: _____

Development Technique

Type: _____
Well Dedicated Equipment: _____

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began: _____

Time Finished: _____

Volume Removed: _____

Water Characteristics - Well Volume 1

Color: _____
Turbidity: _____
Odor: _____
Temperature: _____

pH: _____
Cond: _____
TDS: _____
ORP: _____
DO: _____

Water Characteristics - Well Volume 2

Color: _____
Turbidity: _____
Odor: _____
Temperature: _____

pH: _____
Cond: _____
TDS: _____
ORP: _____
DO: _____

Water Characteristics - Well Volume 3

Color: _____
Turbidity: _____
Odor: _____
Temperature: _____

pH: _____
Cond: _____
TDS: _____
ORP: _____
DO: _____

APPENDIX E

PRE-SAMPLING WELL PURGING RECORDS

HANSON

VAN VLEET, LLC

Water Supply & Environmental Consultants

Site: TIM BAYLY BCP C442043
Job #
Personel: Laurie Williams

Date: 10/29/15
Well #: MW-1

Well Information

Screen I.D.:
Screened Interval:
Stratigraphic Unit:
Comments:

Riser Same?:

Depth to Water: 5.68
Well Water Volume: 1.37

Sand/Silt Accumulation:

Development Technique

Type: BAILER
Well Dedicated Equipment: YES

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began: 4:05

Time Finished:

Volume Removed: 4.25 gal

Water Characteristics - Well Volume 1

Color: GREY
Turbidity: 425
Odor: NONE
Temperature: 14.9

pH: 7.45
Cond: 580
TDS: 410
ORP: -101
DO: 11.8

Water Characteristics - Well Volume 2

Color: GREY
Turbidity: 564
Odor: NONE
Temperature: 14.6

pH: 7.41
Cond: 784
TDS: 510
ORP: -111
DO: 18.2

Water Characteristics - Well Volume 3

Color: BROWN/GREY
Turbidity: 564
Odor: NONE
Temperature: 14.6

pH: 7.39
Cond: 819
TDS: 577
ORP: -117
DO: 17.4

HANSON

VAN VLEET, LLC

Water Supply & Environmental Consultants

Site: TIM BAYLY BCP C442043
Job #
Personel: Laurie Williams

Date: 10/28/15
Well #: MW-3

Well Information

Screen I.D.: 2"
Screened Interval:
Stratigraphic Unit:
Comments:

Riser Same?:

Depth to Water: 14.76
Well Water Volume: 0.92 GAL

Sand/Silt Accumulation:

Development Technique

Type: BAILER
Well Dedicated Equipment: YES

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began: 13:20

Time Finished:

Volume Removed: 1 gal

Water Characteristics - Well Volume 1

Color: CLOUDY
Turbidity: 64.8
Odor: NONE
Temperature: 14.7

pH: 6.85
Cond: 2.70
TDS: 1.92
ORP: 109
DO: 21.7

Water Characteristics - Well Volume 2

Color: CLOUDY
Turbidity: 208
Odor: NONE
Temperature: 13.3

pH: 6.71
Cond: 2.78
TDS: 1.92
ORP: 126
DO: 17.3

Water Characteristics - Well Volume 3

Color: CLOUDY
Turbidity: 180
Odor: NONE
Temperature: 13.2

pH: 6.77
Cond: 2.76
TDS: 1.96
ORP: 91
DO: 35.8

HANSON

VAN VLEET, LLC

Water Supply & Environmental Consultants

Site: TIM BAYLY BCP C442043
Job #
Personel: Laurie Williams

Date: 10/29/15
Well #: MW-4

Well Information

Screen I.D.: 2"
Screened Interval:
Stratigraphic Unit:
Comments:

Riser Same?:

Depth to Water: 18.05
Well Water Volume: 0.11 GAL

Sand/Silt Accumulation:

Development Technique

Type: BAILER
Well Dedicated Equipment: YES

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began: 13:15

Time Finished: SAMPLED AT 2:00

Volume Removed: 0.4 gal

Water Characteristics - Well Volume 1

Color: BROWN
Turbidity: 319
Odor: NONE
Temperature: 17.4

pH: 6.88
Cond: 3.01
TDS: 2.11
ORP: -98
DO: 16.4

Water Characteristics - Well Volume 2

Color: ORANGE/BROWN
Turbidity: 228
Odor: NONE
Temperature: 17.0

pH: 6.89
Cond: 2.96
TDS: 2.07
ORP: -96
DO: 33.1

Water Characteristics - Well Volume 3

Color: CLOUDY
Turbidity: 145
Odor: NONE
Temperature: 16.7

pH: 6.91
Cond: 2.98
TDS: 2.08
ORP: -90
DO: 25.2

HANSON

VAN VLEET, LLC

Water Supply & Environmental Consultants

Site: TIM BAYLY BCP C442043
Job #
Personel: Laurie Williams

Date: 10/29/15
Well #: MW-5

Well Information

Screen I.D.: 2"
Screened Interval:
Stratigraphic Unit:
Comments:

Riser Same?:

Depth to Water: 11.21
Well Water Volume: 1.04 GAL

Sand/Silt Accumulation:

Development Technique

Type: BAILER
Well Dedicated Equipment: YES

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began: 10:00

Time Finished: SAMPLED AT 11:00

Volume Removed: 3 gal

Water Characteristics - Well Volume 1

Color: CLEAR
Turbidity: 28.8
Odor: NONE
Temperature: 20.8

pH: 7.11
Cond: 2.49
TDS: 1.75
ORP: 126
DO: 15.4

Water Characteristics - Well Volume 2

Color: CLOUDY
Turbidity: 57.7
Odor: NONE
Temperature: 20.7

pH: 7.07
Cond: 2.55
TDS: 1.80
ORP: 124
DO: 12.8

Water Characteristics - Well Volume 3

Color:
Turbidity: 112
Odor: NONE
Temperature: 20.4

pH: 7.06
Cond: 2.52
TDS: 1.79
ORP: 114
DO: 11.3

HANSON

VAN VLEET, LLC

Water Supply & Environmental Consultants

Site: TIM BAYLY BCP C442043
Job #
Personel: Laurie Williams

Date: 10/29/15
Well #: MW-6

Well Information

Screen I.D.: 2"
Screened Interval:
Stratigraphic Unit:
Comments:

Riser Same?:

Depth to Water: 17.54
Well Water Volume: 0.319 GAL

Sand/Silt Accumulation:

Development Technique

Type: BAILER
Well Dedicated Equipment: YES

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began: 14:40

Time Finished: SAMPLED AT 15:30

Volume Removed: 1 GAL

Water Characteristics - Well Volume 1

Color: CLOUDY
Turbidity: 192
Odor: NONE
Temperature: 13.6

pH: 7.01
Cond: 1874
TDS: 1.33
ORP: 12
DO: 11.7

Water Characteristics - Well Volume 2

Color: CLOUDY
Turbidity: 131
Odor: NONE
Temperature: 13.1

pH: 6.94
Cond: 19.1
TDS: 1.35
ORP: 34
DO: 9.5

Water Characteristics - Well Volume 3

Color: CLOUDY
Turbidity: 200
Odor: NONE
Temperature: 12.5

pH: 6.99
Cond: 1874
TDS: 1.33
ORP: 6.97
DO: 14.3

HANSON

Water Supply & Environmental Consultants

VAN VLEET, LLC

Site: TIM BAYLY BCP C442043
Job #
Personel: Laurie Williams

Date: 10/29/15
Well #: MW-7

Well Information

Screen I.D.: 2"
Screened Interval:
Stratigraphic Unit:
Comments:

Riser Same?:

Depth to Water: 9.72
Well Water Volume: 1.59 GAL

Sand/Silt Accumulation:

Development Technique

Type: BAILER
Well Dedicated Equipment: YES

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began: 16:50

Time Finished: SAMPLED AT 17:45

Volume Removed: 5 GAL

Water Characteristics - Well Volume 1

Color: GREY CLOUDY
Turbidity: 498
Odor: NONE
Temperature: 15.4

pH: 7.35
Cond: 777
TDS: 550
ORP: 96
DO: 36.2

Water Characteristics - Well Volume 2

Color: CLOUDY
Turbidity: 568
Odor: NONE
Temperature: 14.5

pH: 7.32
Cond: 892
TDS: 681
ORP: 84
DO: 37.5

Water Characteristics - Well Volume 3

Color: CLOUDY
Turbidity: 569
Odor: NONE
Temperature: 13.9

pH: 7.29
Cond: 982
TDS: 697
ORP: 72
DO: 34.5

HANSON

Water Supply & Environmental Consultants

VAN VLEET, LLC

Site: TIM BAYLY BCP C442043
Job #
Personel: Laurie Williams

Date: 10/29/15
Well #: MW-8

Well Information

Screen I.D.: 2"
Screened Interval:
Stratigraphic Unit:
Comments:

Riser Same?:

Depth to Water: 13.54
Well Water Volume: 0.97 GAL

Sand/Silt Accumulation:

Development Technique

Type: BAILER
Well Dedicated Equipment: YES

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began: 11:30

Time Finished: SAMPLED AT 12:30

Volume Removed: 3 GAL

Water Characteristics - Well Volume 1

Color: GREY CLOUDY
Turbidity: 151
Odor: NONE
Temperature: 19.5

pH: 7.12
Cond: 2.52
TDS: 1.79
ORP: -76
DO: 19

Water Characteristics - Well Volume 2

Color: CLOUDY
Turbidity: 136
Odor: NONE
Temperature: 18.6

pH: 7.2
Cond: 2.52
TDS: 1.79
ORP: -50
DO: 14.9

Water Characteristics - Well Volume 3

Color: CLOUDY
Turbidity: 950
Odor: NONE
Temperature: 17.1

pH: 7.34
Cond: 2.53
TDS: 1.79
ORP: 76
DO: 21.3

HANSON

VAN VLEET, LLC

Water Supply & Environmental Consultants

Site: TIM BAYLY BCP C442043
Job #
Personel: Laurie Williams

Date: 10/29/15
Well #: MW-9

Well Information

Screen I.D.: 2"
Screened Interval:
Stratigraphic Unit:
Comments:

Riser Same?:

Depth to Water: 9.60
Well Water Volume: 0.098 GAL

Sand/Silt Accumulation:

Development Technique

Type: BAILER
Well Dedicated Equipment: YES

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began: 9:40

Time Finished: SAMPLED AT 11:52

Volume Removed: 0.1 GAL

Water Characteristics - Well Volume 1

Color: CLOUDY OR/BR
Turbidity: 749
Odor: NONE
Temperature: 13.6

pH: 7.37
Cond: 597
TDS: 418
ORP: 135
DO: 57.6

Water Characteristics - Well Volume 2

Color: MUDDY BROWN
Turbidity: 1360
Odor: NONE
Temperature: 13.4

pH: 7.32
Cond: 598
TDS: 417
ORP: 137
DO: 61.7

Water Characteristics - Well Volume 3

Color: CLOUDY BROWN
Turbidity: 487
Odor: NONE
Temperature:

pH: 7.28
Cond: 565
TDS: 401
ORP: 158
DO: 58.3

HANSON

VAN VLEET, LLC

Water Supply & Environmental Consultants

Site: TIM BAYLY BCP C442043
Job #
Personel: Laurie Williams

Date: 10/30/15
Well #: MW-10

Well Information

Screen I.D.: 2"
Screened Interval:
Stratigraphic Unit:
Comments:

Riser Same?:

Depth to Water: 7.50'
Well Water Volume: 0.094 GAL

Sand/Silt Accumulation:

Development Technique

Type: BAILER
Well Dedicated Equipment: YES

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began: 10:20

Time Finished: SAMPLED AT 11:40

Volume Removed: 0.1 GAL

Water Characteristics - Well Volume 1

Color: CLOUDY OR/BR
Turbidity: 310
Odor: NONE
Temperature: 13.8

pH: 7.09
Cond: 765
TDS: 542
ORP: -129
DO: 10.6

Water Characteristics - Well Volume 2

Color: CLOUDY
Turbidity: 230
Odor: NONE
Temperature: 13.6

pH: 6.97
Cond: 546
TDS: 762
ORP: -124
DO: 5.8

Water Characteristics - Well Volume 3

Color: CLOUDY
Turbidity: 364
Odor: NONE
Temperature: 12.7

pH: 7.10
Cond: 746
TDS: 515
ORP: -125
DO: 9.0

HANSON

Water Supply & Environmental Consultants

VAN VLEET, LLC

Site: TIM BAYLY BCP C442043
Job # _____
Personel: Laurie Williams
_____

Date: 10/30/15
Well #: MW-11

Well Information

Screen I.D.: 2"
Screened Interval: _____
Stratigraphic Unit: _____
Comments: _____
_____

Riser Same?: _____

Depth to Water: DRY
Well Water Volume: _____

Sand/Silt Accumulation: _____

Development Technique

Type: _____
Well Dedicated Equipment: _____

Flow Rate: NA
Decon Procedures: DEDICATED

Observations

Time Began: _____

Time Finished: _____

Volume Removed: _____

Water Characteristics - Well Volume 1

Color: _____
Turbidity: _____
Odor: _____
Temperature: _____

pH: _____
Cond: _____
TDS: _____
ORP: _____
DO: _____

Water Characteristics - Well Volume 2

Color: _____
Turbidity: _____
Odor: _____
Temperature: _____

pH: _____
Cond: _____
TDS: _____
ORP: _____
DO: _____

Water Characteristics - Well Volume 3

Color: _____
Turbidity: _____
Odor: _____
Temperature: _____

pH: _____
Cond: _____
TDS: _____
ORP: _____
DO: _____

APPENDIX F

INVESTIGATION DERIVED WASTE MANIFESTS AND "CONTAINED-IN" DETERMINATION

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau A
625 Broadway, 12th Floor, Albany, NY 12233-7015
P: (518) 402-9625 I F: (518) 402-9627
www.dec.ny.gov

December 15, 2015

Mr. Kirby Van Vleet
Vice President/Partner/Senior Hydrogeologist
Hanson Van Vleet, LLC
902 Route 146
Clifton Park, NY 12065

Re: Contained-In Determination Request for Investigation-Derived Waste
Tim Bayly Property, 800 Broadway, Rensselaer, NY
BCP # C442043

Dear Mr. Van Vleet:

We have completed our review of the data (Lab Report: GBJ62104, GBJ86812, GBK17096) submitted with your December 10, 2015 request, via e-mail, for a "contained-in" determination at the referenced project site.

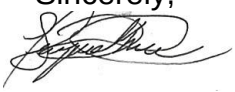
Concentrations detected for individual VOCs were all significantly less than their current "contained-in" soil action levels and Land Disposal Restriction concentrations. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level. The three (3) 55-gallon drums, containing soil cuttings collected during the subsurface investigation at t the referenced project site, do not have to be managed as hazardous waste and can be transported off-site to Veolia ES Technical Solutions (EPA ID: OHD093945293), located in West Carrollton, OH.

.

Water (drill return water, decon water and purge water) collecting from monitoring sampling met "contained-in" groundwater action levels and Land Disposal Restriction concentrations. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level. One (1), 55-gallon drums, containing drill return water, decon water and purge water collected during the subsurface investigation at the referenced project site, do not have to be managed as hazardous waste and can be transported off-site to Veolia ES Technical Solutions (EPA ID: OHD093945293), located in West Carrollton, OH.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9622 or email me at henry.wilkie@dec.ny.gov.

Sincerely,



Henry Wilkie
Environmental Engineer 1
Remedial Section B

ecc: M. Rogers, Region 4

VEOLIA
ENVIRONMENTAL SERVICES

WASTESTREAM INFORMATION PROFILE

☐ Recertification

Disposal Code

Veolia ES LOCATION
☐ Invoice Address
ADDRESS ____ CITY ____ ST ____
☐ Manifest from – blank if direct

Veolia ES TSDF requested ____ Technology requested ____ Generator No.____ **Generator EPA ID No. NOT REQUIRED**

1. **Generator Name** Tim Bayly Property **Generator State No.** ____
Address 800 Broadway **State Wastestream No.** ____
City Rensselaer **State** NY **Country** USA **ZIP** 12144
NAICS (SIC) Code 7216 ____ ____ **Source** ____ **Origin** ____ **Form** ____ **System Type** ____

2. **Waste Name** VOC-impacted drill cuttings (soils) **Lab or Waste Area**____

3. **Process Generating Waste** Sub-surface Investigation

4. **Shipping Name** NON HAZARDOUS, NON DOT REGULATED
Hazard Class None **UN/NA No.**None **PG**___ **RQ amt**____**lb**

RQ Desc:	1.	2.
DOT Desc:	1.	2.

5. **Waste Codes** ____ ____ ____ ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

Wastewater ☐ **Non Wastewater** ☒ **Sub Category** ____

6. **Physical and chemical properties** *(check all that apply)*

pH
a ☐ < 2
b ☐ 2 - 5
c ☒ 5 - 9
d ☐ 9 - 12.5
e ☐ > 12.5
____ exact

Specific Gravity
a ☐ < .8
b ☐ .8 - 1.0
c ☐ 1.0
d ☒ 1.0 - 1.2
e ☐ > 1.2
____ exact

Flash Point (F)
a ☐ < 80
b ☐ 80 - 100
c ☐ 101 - 140
d ☐ 141 - 200
e ☐ > 200
f ☒ no flash ____exact

Solids
____ % suspended
____ % settleable
____ % dissolved
____ % ash
____ water solubility
____ BTU/lb
Free Liquid Range 0 to 2%

Physical State
s ☒ solid
m ☐ semi-solid
l ☐ liquid
p ☐ pumpable semi-solid
f ☐ flowable powder
g ☐ gas
a ☐ aerosol
r ☐ pressurized liquid
d ☐ debris per 40 CFR 268.45
h ☐ sharps

Hazardous Characteristics
a ☐ air reactive
w ☐ water reactive
c ☐ cyanide reactive
f ☐ sulfide reactive
e ☐ explosive
o ☐ oxidizing acid
p ☐ peroxide former
r ☐ radioactive or NRC regulated
s ☐ shock sensitive
t ☐ temp sensitive
m ☐ polymerization/monomer
n ☐ OSHA carcinogen
I ☐ infectious
h ☐ inhalation hazard Zone: _

Odor
a none ☒
b mild ☐
c strong ☐
describe____

Halogens
Br 0 % Bromine
Cl 0 % Chlorine
F 0 % Fluorine
I 0 % Iodine

Layers: a ☐ **multilayered:** b ☐ **bi-layered:** c ☒ **single phase:**

Viscosity by Layer:	Top Layer	Second Layer	Bottom Layer
	☐ high (syrup)	☐ high (syrup)	☐ high (syrup)
	☐ medium (oil)	☐ medium (oil)	☐ medium (oil)
	☐ low (water)	☐ low (water)	☐ low (water)
	☐ solid	☐ solid	☐ solid

Color
brownish
____
____

Used oil y/n N **HOC <1000 ppm**☐ **or > 1000 ppm**☐

WIP No. ____

7. **Chemical Composition** [M = Marine Pollutant, S - Severe Marine Pollutant, O = Ozone Depleting Substance, U = Underlying Hazardous Constituent, B = Benzene NESHAP, T = TRI Chemical, C = OSHA Carcinogen]

	Constituents	Range	Units		Constituents	Range	Units
	VOC-impacted soils	98-100	%				
	Water	0 - 2	%				

Total Composition Must Equal or Exceed 100%

Other:

8. Is the wastestream being imported into the USA? Yes ☐ No ☒
9. Does the wastestream contain PCBs regulated by 40CFR? Yes ☐ No ☒
   PCB concentration _____ppm
10. Is the wastestream subject to the Marine Pollutant Regulations? Yes ☐ No ☒
11. Is the wastestream from an industry regulated under Benzene NESHAP? Yes ☐ No ☒
    If yes, is the wastestream subject to Notification and Control Requirements? Yes ☐ No ☐
    Benzene concentration _____ ppm
    Does it contain >= 10% water? Yes ☐ No ☐
    What is the TAB at your facility? _____ Mg/Yr
12. Is the wastestream subject to RCRA subpart CC controls? Yes ☐ No ☒
    Volatile organic concentration, if known _____ ppmw
    CC approved analytical method ☐ Generator Knowledge ☐
13. Is the wastestream from a CERCLA or state mandated cleanup? Yes ☐ No ☒

14. **Container Information** (*Identify UN container marking if known*)
    Packaging: **Bulk Solid** ☐ Type/Size: _____ **Bulk Liquid** ☐ Type/Size: _____ **Drum** ☒ Type/Size: **55 GAL STL**
    Other _____
    Shipping Frequency: Units **3** Per Month ☐ Quarter ☐ Year ☐ One Time ☒ Other _____

15. **Additional Information**: **Generator Mailing Address: Mr. Tim Bayly - Tim Bayly Development, LLC**
    360 West 34th Street - Apt. 11C - New York, NY 10001
    Phone #: 973-697-8647

Is analytical or an MSDS available that describes the waste? Yes ☒ No ☐ If yes, please attach.

GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize sampling of any waste shipment for purposes of recertification.

Kirby VanVleet	518-371-7940	12/16/15
NAME (PRINT OR TYPE)	**PHONE**	**DATE**
Kirby VanVleet for Tim Bayly	Consultant - Hanson VanVleet, LLC	
SIGNATURE	**TITLE**	

FACILITY NOTIFICATION

If approved for management, Veolia ES has all the necessary permits and licenses for the waste that has been characterized and identified by this profile.

TSDF PROCESSING USE ONLY: PPE REQUIRED No _____ Yes _____ Describe _____

WIP No. _____

VEOLIA
ENVIRONMENTAL SERVICES

WASTESTREAM INFORMATION PROFILE

☐ Recertification

Disposal Code _____

Veolia ES LOCATION
☐ Invoice Address
☐ Manifest from – blank if direct

ADDRESS _____ CITY _____ ST _____

Veolia ES TSDF requested _____ Technology requested _____ Generator No._____

Generator EPA ID No. NOT REQUIRED

1. **Generator Name** Tim Bayly Property
   Address 800 Broadway
   City Rensselaer **State** NY **Country** USA **ZIP** 12144
   NAICS (SIC) Code 7216 _____ _____ **Source** _____ **Origin** _____ **Form** _____ **System Type** _____

   Generator State No. _____
   State Wastestream No. _____

2. **Waste Name** Purge Water — **Lab or Waste Area** _____
3. **Process Generating Waste** Sub-surface Investigation
4. **Shipping Name** NON HAZARDOUS, NON DOT REGULATED
   Hazard Class None **UN/NA No.** None **PG** ___ **RQ amt** _____ **lb**

RQ Desc:	1.	2.
DOT Desc:	1.	2.

5. **Waste Codes** _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____

Wastewater ☐ **Non Wastewater** ☒ **Sub Category** _____

6. **Physical and chemical properties** *(check all that apply)*

pH
a ☐ < 2
b ☐ 2 - 5
c ☒ 5 - 9
d ☐ 9 - 12.5
e ☐ > 12.5
_____ exact

Specific Gravity
a ☐ < .8
b ☐ .8 - 1.0
c ☒ 1.0
d ☐ 1.0 - 1.2
e ☐ > 1.2
_____ exact

Flash Point (F)
a ☐ < 80
b ☐ 80 - 100
c ☐ 101 - 140
d ☐ 141 - 200
e ☐ > 200
f ☒ no flash _____exact

Solids
_____ % suspended
0-5 % settleable
_____ % dissolved

_____ % ash
_____ water solubility
_____ BTU/lb

Free Liquid Range ___to ___%

Physical State
s ☐ solid
m ☐ semi-solid
l ☒ liquid
p ☐ pumpable semi-solid
f ☐ flowable powder
g ☐ gas
a ☐ aerosol
r ☐ pressurized liquid
d ☐ debris per 40 CFR 268.45
h ☐ sharps

Hazardous Characteristics
a ☐ air reactive
w ☐ water reactive
c ☐ cyanide reactive
f ☐ sulfide reactive
e ☐ explosive
o ☐ oxidizing acid
p ☐ peroxide former
r ☐ radioactive or NRC regulated
s ☐ shock sensitive
t ☐ temp sensitive
m ☐ polymerization/monomer
n ☐ OSHA carcinogen
I ☐ infectious
h ☐ inhalation hazard Zone: _

Odor
a none ☒
b mild ☐
c strong ☐
describe_____

Halogens
Br 0 % Bromine
Cl 0 % Chlorine
F 0 % Fluorine
I 0 % Iodine

Layers: a ☐ **multilayered:** b ☐ **bi-layered:** c ☒ **single phase:**

Viscosity by Layer:	Top Layer	Second Layer	Bottom Layer
	☐ high (syrup)	☐ high (syrup)	☐ high (syrup)
	☐ medium (oil)	☐ medium (oil)	☐ medium (oil)
	☐ low (water)	☐ low (water)	☐ low (water)
	☐ solid	☐ solid	☐ solid

Color
clear
_____
_____

Used oil y/n N **HOC <1000 ppm** ☐ **or > 1000 ppm** ☐

WIP No. _____

7. **Chemical Composition** [M = Marine Pollutant, S - Severe Marine Pollutant, O = Ozone Depleting Substance, U = Underlying Hazardous Constituent, B = Benzene NESHAP, T = TRI Chemical, C = OSHA Carcinogen]

	Constituents	Range	Units		Constituents	Range	Units
	Purge Water	**95-100**	**%**				
	Sediment	**0 - 5**	**%**				

Total Composition Must Equal or Exceed 100%

Other:

8. Is the wastestream being imported into the USA? Yes ☐ No ☒
9. Does the wastestream contain PCBs regulated by 40CFR? Yes ☐ No ☒
   PCB concentration _____ppm
10. Is the wastestream subject to the Marine Pollutant Regulations? Yes ☐ No ☒
11. Is the wastestream from an industry regulated under Benzene NESHAP? Yes ☐ No ☒
    If yes, is the wastestream subject to Notification and Control Requirements? Yes ☐ No ☐
    Benzene concentration _____ ppm
    Does it contain >= 10% water? Yes ☐ No ☐
    What is the TAB at your facility? _____ Mg/Yr
12. Is the wastestream subject to RCRA subpart CC controls? Yes ☐ No ☒
    Volatile organic concentration, if known _____ ppmw
    CC approved analytical method ☐ Generator Knowledge ☐
13. Is the wastestream from a CERCLA or state mandated cleanup? Yes ☐ No ☒

14. **Container Information** (*Identify UN container marking if known*)
    Packaging: Bulk Solid ☐ Type/Size: _____ **Bulk Liquid** ☐ Type/Size: _____ **Drum** ☒ Type/Size: **55 GAL STL**
    Other _____
    Shipping Frequency: Units 1 Per Month ☐ Quarter ☐ Year ☐ One Time ☒ Other _____

15. **Additional Information**: **Generator Mailing Address: Mr. Tim Bayly - Tim Bayly Development, LLC**
    360 West 34th Street - Apt. 11C - New York, NY 10001
    Phone #: 973-697-8647

Is analytical or an MSDS available that describes the waste? Yes ☒ No ☐ If yes, please attach.

GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize sampling of any waste shipment for purposes of recertification.

Kirby VanVleet	518-371-7940	12/16/15
NAME (PRINT OR TYPE)	**PHONE**	**DATE**
Kirby VanVleet for Tim Bayly	Consultant - HansonVanVleet LLC	
SIGNATURE	**TITLE**	

FACILITY NOTIFICATION

If approved for management, Veolia ES has all the necessary permits and licenses for the waste that has been characterized and identified by this profile.

TSDF PROCESSING USE ONLY: PPE REQUIRED No _____ Yes _____ Describe _____

WIP No. _____

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number n/a	2. Page 1 of 1	3. Emergency Response Phone 800-451-6984	4. Waste Tracking Number 125115 - DM

GENERATOR

5. Generator's Name and Mailing Address: Tim Bayly Development, LLC
Attn: Tim Bayly - 560 W. 34th St. - Apt. 11 C
New York, NY 10001

Generator's Site Address (if different than mailing address): 300 Broadway
Rensselaer, NY 12144

Generator's Phone: 973-697-6647

6. Transporter 1 Company Name: MC Environmental Services, Inc. — U.S. EPA ID Number: NYR000021071

7. Transporter 2 Company Name: Veolia ES Technical Solutions — U.S. EPA ID Number: INDD980613369

8. Designated Facility Name and Site Address: Veolia ES Technical Solutions, LLC
4301 Infirmary Road
West Carrollton, OH 45449 USA

U.S. EPA ID Number: OHD093945293

Facility's Phone: 937-859-2207

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Non-DOT Regulated None None	3	DM	1000	P	
2.	Non-Hazardous Non DOT-Regulated None None	1	DM	50	G	
3.						
4.						

13. Special Handling Instructions and Additional Information

9.1 VOC Impacted Soil Cuttings - WP # 675294 Approval #: SRRLFSOLID-NH
9.2 Purge Water - WP #: 875291 Approval #: SRRLFLIQ - NH
Emergency Contact: M. Craft - 800-451-6984

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: James Grande — Signature: [signature] — Month: 12 Day: 31 Year: 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tim Shaw — Signature: [signature] — Month: 12 Day: 31 Year: 15

Transporter 2 Printed/Typed Name: AMANDA DUNK — Signature: [signature] — Month: 12 Day: 31 Year: 15

DESIGNATED FACILITY

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

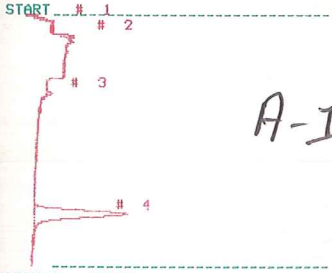
Printed/Typed Name: Signature: Month: Day: Year:

APPENDIX G

SOIL GAS SURVEY-RAW DATA

Raw Data Summary
800 Broadway-Rennselaer, New York
June 11 & 12, 2015

PHOTOVAC

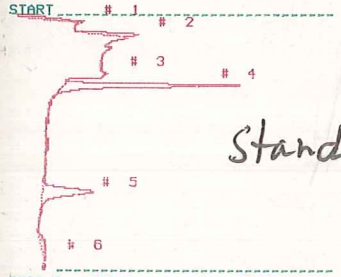


A-1

STOP @ 400.0
SAMPLE LIBRARY 1 JUN 12 2015 10:50
ANALYSIS # 2 800 BROADWAY
INTERNAL TEMP 23 A-1
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	12.5	105.7 mVS
PERC	4	322.1	507.6 PPB

PHOTOVAC



Stand.

STOP @ 407.4
SAMPLE LIBRARY 1 ~~JUN 1 2015 10:10~~
ANALYSIS # 0 800 BROADWAY
INTERNAL TEMP 30 STANDARD
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	11.6	268.1 mVS
UNKNOWN	2	32.7	531.8 mVS
TCE	4	113.9	152.8 PPB
PERC	5	286.3	18.61 PPB
UNKNOWN	6	388.0	302.2 mVS

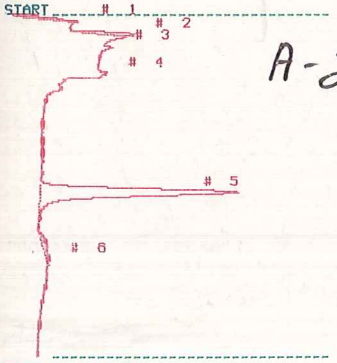
PHOTOVAC

A-3

STOP @ 700.0
SAMPLE LIBRARY 1 JUN 11 2015 15:37
ANALYSIS # 4 800 BROADWAY
INTERNAL TEMP 29 A-3
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	11.4	188.4 mVS
UNKNOWN	2	32.0	210.0 mVS
PERC	3	285.8	258.5 PPB
UNKNOWN	5	394.3	357.8 mVS

PHOTOVAC



A-2

STOP @ 544.7
SAMPLE LIBRARY 1 ~~JUN 1 2015 10:10~~
ANALYSIS # 2 800 BROADWAY
INTERNAL TEMP 29 A-2
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	11.7	283.7 mVS
UNKNOWN	2	33.0	496.3 mVS
PERC	5	287.3	~~79.38 PPB~~
UNKNOWN	6	392.2	398.6 mVS

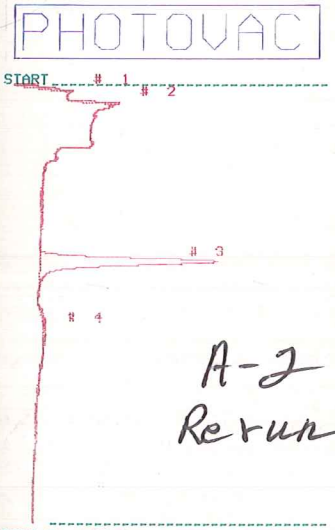
PHOTOVAC

CALIBRATED PEAK 5,PERC

SAMPLE LIBRARY 1 JUN 11 2015 15:22
ANALYSIS # 3 800 BROADWAY
INTERNAL TEMP 29 STANDARD
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	11.6	268.1 mVS
TCE	2	32.7	214.8 PPB
TCE	4	113.9	8.210 PPM
PERC	5	286.3	1.000 PPM
UNKNOWN	6	388.0	302.2 mVS

PHOTOVAC



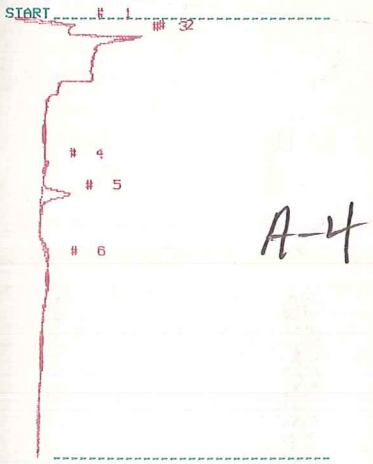
A-2
Rerun

STOP @ 700.0
SAMPLE LIBRARY 1 JUN 11 2015 15:51
ANALYSIS # 5 800 BROADWAY
INTERNAL TEMP 29 A-2
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	11.8	257.4 mVS
UNKNOWN	2	32.1	191.6 mVS
PERC	3	285.8	3.483 PPM
UNKNOWN	4	392.2	230.2 mVS

Raw Data Summary
800 Broadway-Rennselaer, New York
June 11 & 12, 2015

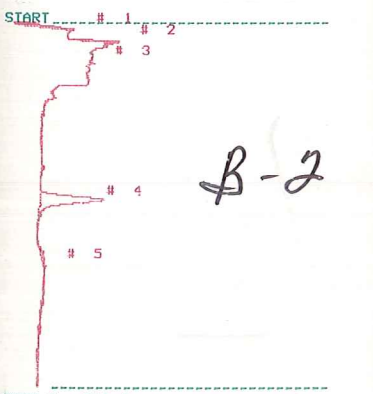
PHOTOVAC



STOP @ 700.0
SAMPLE LIBRARY 1 JUN 11 2015 16: 8
ANALYSIS # 6 800 BROADWAY
INTERNAL TEMP 30 A-4
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	12.1	288.8 mVS
UNKNOWN	2	31.1	238.2 mVS
PERC	5	285.3	533.4 PPB
UNKNOWN	6	390.8	304.9 mVS

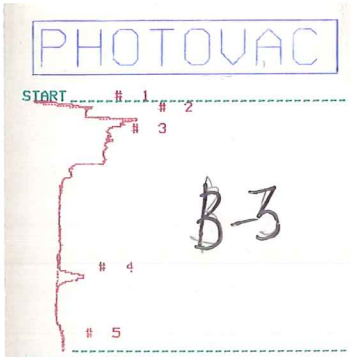
PHOTOVAC



STOP @ 579.2
SAMPLE LIBRARY 1 JUN 11 2015 16:21
ANALYSIS # 7 800 BROADWAY
INTERNAL TEMP 30 B-2
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	12.1	289.2 mVS
UNKNOWN	2	31.7	151.2 mVS
PERC	4	285.8	1.202 PPM
UNKNOWN	5	388.0	193.8 mVS

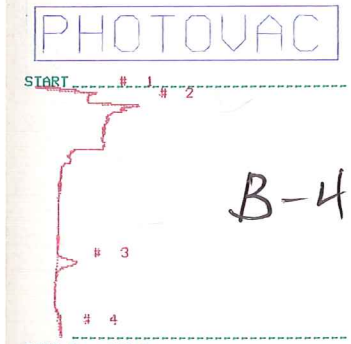
PHOTOVAC



STOP @ 400.0
SAMPLE LIBRARY 1 JUN 11 2015 16:29
ANALYSIS # 8 800 BROADWAY
INTERNAL TEMP 30 B-3
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	11.7	247.9 mVS
UNKNOWN	2	31.5	122.1 mVS
PERC	4	285.8	491.6 PPB
UNKNOWN	5	391.5	217.3 mVS

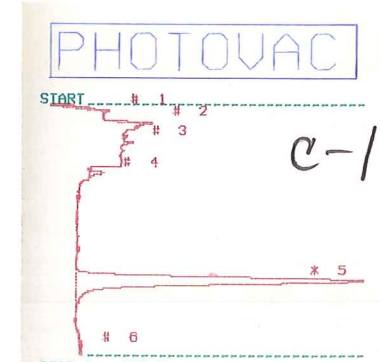
PHOTOVAC



STOP @ 400.0
SAMPLE LIBRARY 1 JUN 11 2015 16:39
ANALYSIS # 9 800 BROADWAY
INTERNAL TEMP 31 B-4
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	11.8	245.5 mVS
UNKNOWN	2	31.9	144.8 mVS
PERC	3	285.8	372.5 PPB
UNKNOWN	4	392.9	187.5 mVS

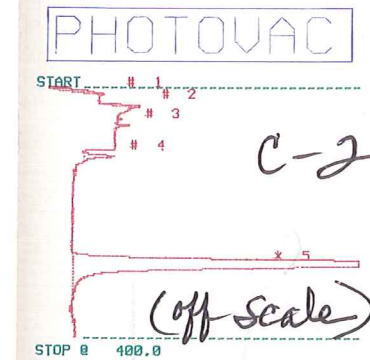
PHOTOVAC



STOP @ 400.0
SAMPLE LIBRARY 1 JUN 11 2015 16:55
ANALYSIS # 10 800 BROADWAY
INTERNAL TEMP 30 C-1
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	12.1	278.5 mVS
UNKNOWN	2	31.6	123.5 mVS
TCE	4	112.9	35.95 PPB
PERC	5	283.8	6.140 PPM
UNKNOWN	6	392.9	151.7 mVS

PHOTOVAC



STOP @ 400.0
SAMPLE LIBRARY 1 JUN 11 2015 17:20
ANALYSIS # 11 800 BROADWAY
INTERNAL TEMP 30 C-2
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	11.7	265.8 mVS
UNKNOWN	2	31.8	131.4 mVS
TCE	4	112.9	135.3 PPB
PERC	5	283.2	16.18 PPM

Raw Data Summary
800 Broadway-Rennselaer, New York
June 11 & 12, 2015

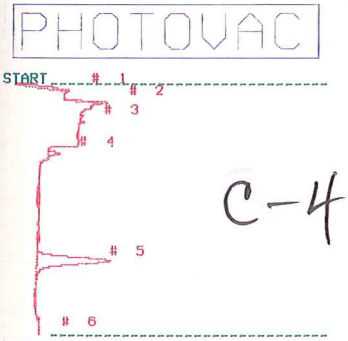
PHOTOVAC

C-3

STOP @ 400.0
SAMPLE LIBRARY 1 JUN 11 2015 17:44
ANALYSIS # 12 800 BROADWAY
INTERNAL TEMP 30 C-3
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	11.8	237.2 mVS
UNKNOWN	2	31.7	105.9 mVS
PERC	3	286.3	718.7 PPB

PHOTOVAC

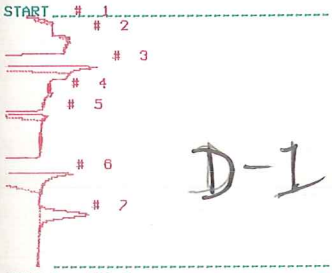


C-4

STOP @ 400.0
SAMPLE LIBRARY 1 JUN 11 2015 18: 9
ANALYSIS # 13 800 BROADWAY
INTERNAL TEMP 30 C-4
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	12.2	288.6 mVS
UNKNOWN	2	31.9	107.7 mVS
TCE	4	113.3	43.55 PPB
PERC	5	286.3	1.377 PPM

PHOTOVAC

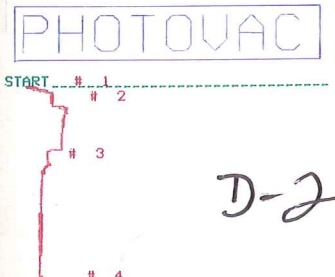


D-1

STOP @ 400.0
SAMPLE LIBRARY 1 JUN 12 2015 11:10
ANALYSIS # 3 800 BROADWAY
INTERNAL TEMP 24 D-1
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	13.3	136.0 mVS
UNKNOWN	3	83.7	2.4 VS
UNKNOWN	5	161.9	755.6 mVS
UNKNOWN	6	257.3	4.3 VS
PERC	7	322.1	265.1 PPB

PHOTOVAC

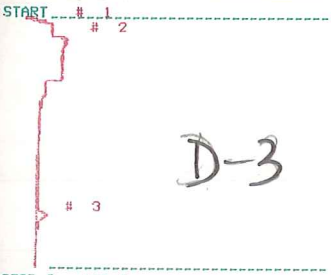


D-2

STOP @ 400.0
SAMPLE LIBRARY 1 JUN 12 2015 11:31
ANALYSIS # 4 800 BROADWAY
INTERNAL TEMP 25 D-2
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	12.2	117.1 mVS
PERC	4	321.5	210.5 PPB

PHOTOVAC

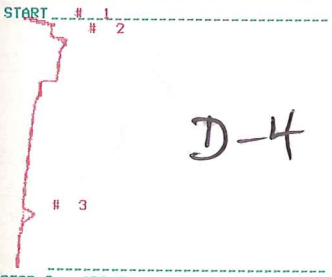


D-3

STOP @ 400.0
SAMPLE LIBRARY 1 JUN 12 2015 11:50
ANALYSIS # 5 800 BROADWAY
INTERNAL TEMP 26 D-2
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	12.2	118.3 mVS
PERC	3	321.5	45.67 PPB

PHOTOVAC



D-4

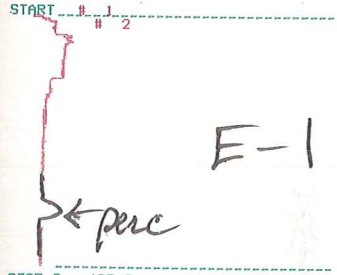
STOP @ 400.0
SAMPLE LIBRARY 1 JUN 12 2015 12:17
ANALYSIS # 6 800 BROADWAY
INTERNAL TEMP 26 D-4
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	12.9	158.2 mVS
PERC	3	320.9	60.62 PPB

Raw Data Summary
800 Broadway-Rennselaer, New York
June 11 & 12, 2015

PHOTOVAC

START # 1 # 2



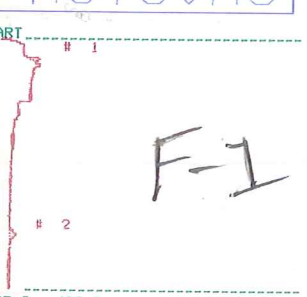
STOP @ 400.0
SAMPLE LIBRARY 1 JUN 12 2015 12:41
ANALYSIS # 7 800 BROADWAY
INTERNAL TEMP 26 E-1
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
PERC	3	320.3	102.7 PPB

(102 ppb)

PHOTOVAC

START # 1 # 2

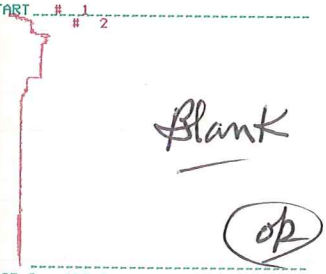


STOP @ 400.0
SAMPLE LIBRARY 1 JUN 12 2015 13:16
ANALYSIS # 9 800 BROADWAY
INTERNAL TEMP 28 F-1
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
PERC	2	318.5	23.77 PPB

PHOTOVAC

START # 1 # 2



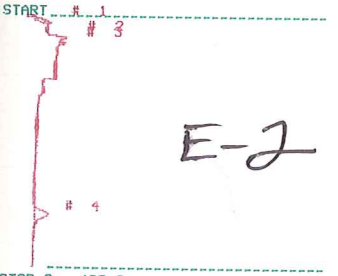
STOP @ 400.0
SAMPLE LIBRARY 1 JUN 12 2015 13:36
ANALYSIS # 11 800 BROADWAY
INTERNAL TEMP 27 BLANK-ROOM
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM

Syringe Bulb Rm. Air Blk.

PHOTOVAC

START # 1 # 3

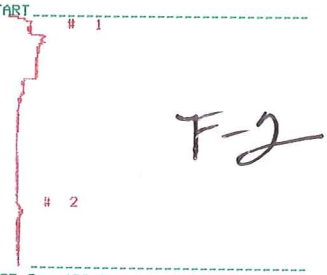


STOP @ 400.0
SAMPLE LIBRARY 1 JUN 12 2015 13: 9
ANALYSIS # 8 800 BROADWAY
INTERNAL TEMP 27 E-2
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	13.3	103.3 mVS
PERC	4	321.5	73.89 PPB

PHOTOVAC

START # 1 # 2

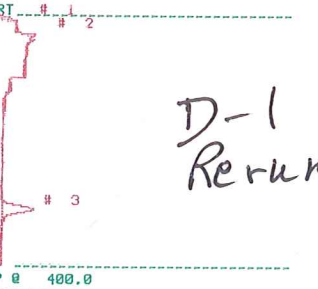


STOP @ 400.0
SAMPLE LIBRARY 1 JUN 12 2015 13:25
ANALYSIS # 10 800 BROADWAY
INTERNAL TEMP 28 F-2
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
PERC	2	317.9	16.23 PPB

PHOTOVAC

START # 1 # 2



STOP @ 400.0
SAMPLE LIBRARY 1 JUN 12 2015 13:55
ANALYSIS # 12 800 BROADWAY
INTERNAL TEMP 28 D-1 RERUN
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
PERC	3	314.9	122.8 PPB

Raw Data Summary
800 Broadway-Rennselaer, New York
June 11 & 12, 2015

PHOTOVAC

START # 1
2
3
4
5

C-2 Rerun

STOP @ 400.0
SAMPLE LIBRARY 1 JUN 12 2015 14: 3
ANALYSIS # 13 800 BROADWAY
INTERNAL TEMP 28 C-2 RERUN
GAIN 20 1-5 DILUTION

COMPOUND NAME	PEAK	R.T.	AREA/PPM
PERC	5	313.7	9 PPB

1.4 ± ppm
perc
(9.8 ppm)

PHOTOVAC

START # 1

Dry Run
ok

STOP @ 400.0
SAMPLE LIBRARY 1 JUN 12 2015 14:11
ANALYSIS # 14 800 BROADWAY
INTERNAL TEMP 28 DRY RUN
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	12.4	160.8 mVS

PHOTOVAC

START # 1
2
3
4

Standard
ok

STOP @ 400.0
SAMPLE LIBRARY 1 JUN 12 2015 10:41
ANALYSIS # 1 800 BROADWAY
INTERNAL TEMP 21 STANDARD
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	3	130.4	2.5 VS
UNKNOWN	4	325.7	1.1 VS

PHOTOVAC

CALIBRATED PEAK 4,PERC

SAMPLE LIBRARY 1 JUN 12 2015 10:42
ANALYSIS # 1 800 BROADWAY
INTERNAL TEMP 21 STANDARD
GAIN 20 250 MICCOLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
TCE	3	130.4	195.2 PPB
PERC	4	325.7	150.0 PPB

PHOTOVAC

1 COMPOUND	ID #	R.T.	LIMIT
BENZENE	1	98.3	0.000 PPB
TCE	2	123.6	0.000 PPB
ETHYLBENZENE	3	494.2	0.000 PPB
M-P XYLENE	4	536.3	0.000 PPB
PERC	5	325.7	0.000 PPB
O-XYLENE	6	640.1	0.000 PPB
CIS-1,2-DCE	7	70.2	0.000 PPB

APPENDIX H

ANALYTICAL RESULTS-SOIL SAMPLES

PHOENIX
Environmental Laboratories, Inc.

Thursday, October 01, 2015

Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Project ID: TIM BAYLY PROPERTY
Sample ID#s: BJ62104 - BJ62142

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

October 01, 2015

SDG I.D.: GBJ62104

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

BJ62104 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62106 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62108 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62110 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62112 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62114 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62116 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62117 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62118 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62120 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62122 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62124 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62126 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62127 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62129 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62131 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62133 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62135 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62137 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ62139 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG Comments

October 01, 2015

SDG I.D.: GBJ62104

BJ62141 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	10:15
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62104

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-2 3FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95			%		07/22/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100	41	ug/kg	1	07/23/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
2-Hexanone	ND	26	5.2	ug/Kg	1	07/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	26	5.2	ug/Kg	1	07/23/15	JLI	SW8260C
Acetone	ND	50	5.2	ug/Kg	1	07/23/15	JLI	SW8260C
Benzene	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
Bromochloromethane	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
Bromodichloromethane	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
Bromoform	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
Bromomethane	ND	5.2	2.1	ug/Kg	1	07/23/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-2 3FT

Phoenix I.D.: BJ62104

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon tetrachloride	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
Chlorobenzene	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroethane	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroform	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
Chloromethane	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
Cyclohexane	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromochloromethane	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
Ethylbenzene	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
Isopropylbenzene	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
m&p-Xylene	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl ethyl ketone	ND	31	5.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
Methylacetate	ND	5.2	2.6	ug/Kg	1	07/23/15	JLI	SW8260C
Methylcyclohexane	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
Methylene chloride	ND	5.2	5.2	ug/Kg	1	07/23/15	JLI	SW8260C
o-Xylene	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
Styrene	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
Tetrachloroethene	700	260	52	ug/Kg	50	07/24/15	JLI	SW8260C
Toluene	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
Total Xylenes	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
Trichloroethene	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.2	1.0	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
Vinyl chloride	ND	5.2	0.52	ug/Kg	1	07/23/15	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	104			%	1	07/23/15	JLI	70 - 130 %
% Bromofluorobenzene	92			%	1	07/23/15	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1	07/23/15	JLI	70 - 130 %
% Toluene-d8	101			%	1	07/23/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed					07/24/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-2 3FT

Phoenix I.D.: BJ62104

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	10:15
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62105

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-2 3-4FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	10300		35	6.9	mg/Kg	10	07/23/15	LK	SW6010C
Antimony	< 1.7		1.7	1.7	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	5.2		0.7	0.69	mg/Kg	1	07/24/15	LK	SW6010C
Barium	54.8	N	0.7	0.35	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	0.53		0.28	0.14	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	20800		35	32	mg/Kg	10	07/23/15	LK	SW6010C
Cadmium	0.21	B	0.35	0.14	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	15.2		0.35	0.35	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	9.28		0.35	0.35	mg/Kg	1	07/24/15	LK	SW6010C
Copper	27.9		0.35	0.35	mg/kg	1	07/24/15	LK	SW6010C
Iron	23700		35	35	mg/Kg	10	07/23/15	LK	SW6010C
Lead	9.6		0.7	0.35	mg/Kg	1	07/24/15	LK	SW6010C
Magnesium	8280		35	35	mg/Kg	10	07/23/15	LK	SW6010C
Manganese	511		3.5	3.5	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	< 0.03		0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	20.4		0.35	0.35	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	2160	N	7	2.7	mg/Kg	1	07/24/15	LK	SW6010C
Selenium	< 1.4		1.4	1.2	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.35		0.35	0.35	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	121	N	7	3.0	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.4		1.4	1.4	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	19.7		0.3	0.35	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	56.4		0.7	0.35	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	94				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	CJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-2 3-4FT

Phoenix I.D.: BJ62105

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	35	35	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1221	ND	35	35	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1232	ND	35	35	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1242	ND	35	35	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1248	ND	35	35	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1254	ND	35	35	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1260	ND	35	35	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1262	ND	35	35	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1268	ND	35	35	ug/Kg	2	07/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	65			%	2	07/23/15	AW	30 - 150 %
% TCMX	58			%	2	07/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1	2.1	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	2	07/23/15	CE	SW8081B
a-BHC	ND	7.0	7.0	ug/Kg	2	07/23/15	CE	SW8081B
a-Chlordane	ND	3.5	3.5	ug/Kg	2	07/23/15	CE	SW8081B
Aldrin	ND	3.5	3.5	ug/Kg	2	07/23/15	CE	SW8081B
b-BHC	ND	7.0	7.0	ug/Kg	2	07/23/15	CE	SW8081B
d-BHC	ND	7.0	7.0	ug/Kg	2	07/23/15	CE	SW8081B
Dieldrin	ND	3.5	3.5	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan I	ND	7.0	7.0	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan II	ND	7.0	7.0	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan sulfate	ND	7.0	7.0	ug/Kg	2	07/23/15	CE	SW8081B
Endrin	ND	7.0	7.0	ug/Kg	2	07/23/15	CE	SW8081B
Endrin aldehyde	ND	7.0	7.0	ug/Kg	2	07/23/15	CE	SW8081B
Endrin ketone	ND	7.0	7.0	ug/Kg	2	07/23/15	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	07/23/15	CE	SW8081B
g-Chlordane	ND	3.5	3.5	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor	ND	7.0	7.0	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor epoxide	ND	7.0	7.0	ug/Kg	2	07/23/15	CE	SW8081B
Methoxychlor	ND	35	35	ug/Kg	2	07/23/15	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	07/23/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	55			%	2	07/23/15	CE	30 - 150 %
% TCMX	44			%	2	07/23/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	240	110	ug/Kg	1	07/22/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	07/22/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	240	160	ug/Kg	1	07/22/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	07/22/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	140	110	ug/Kg	1	07/22/15	DD	SW8270D
2,4-Dichlorophenol	ND	140	120	ug/Kg	1	07/22/15	DD	SW8270D
2,4-Dimethylphenol	ND	240	87	ug/Kg	1	07/22/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-2 3-4FT

Phoenix I.D.: BJ62105

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	07/22/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	140	140	ug/Kg	1	07/22/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	140	110	ug/Kg	1	07/22/15	DD	SW8270D	
2-Chloronaphthalene	ND	240	99	ug/Kg	1	07/22/15	DD	SW8270D	
2-Chlorophenol	ND	240	99	ug/Kg	1	07/22/15	DD	SW8270D	
2-Methylnaphthalene	ND	240	100	ug/Kg	1	07/22/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	1	07/22/15	DD	SW8270D	
2-Nitroaniline	ND	1700	350	ug/Kg	1	07/22/15	DD	SW8270D	
2-Nitrophenol	ND	240	220	ug/Kg	1	07/22/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	240	140	ug/Kg	1	07/22/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	140	140	ug/Kg	1	07/22/15	DD	SW8270D	
3-Nitroaniline	ND	1700	760	ug/Kg	1	07/22/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	240	240	ug/Kg	1	07/22/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	1	07/22/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	1	07/22/15	DD	SW8270D	
4-Chloroaniline	ND	700	160	ug/Kg	1	07/22/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	240	120	ug/Kg	1	07/22/15	DD	SW8270D	
4-Nitroaniline	ND	1700	120	ug/Kg	1	07/22/15	DD	SW8270D	
4-Nitrophenol	ND	240	160	ug/Kg	1	07/22/15	DD	SW8270D	
Acenaphthene	ND	240	110	ug/Kg	1	07/22/15	DD	SW8270D	
Acenaphthylene	ND	140	98	ug/Kg	1	07/22/15	DD	SW8270D	
Acetophenone	ND	240	110	ug/Kg	1	07/22/15	DD	SW8270D	
Anthracene	ND	240	110	ug/Kg	1	07/22/15	DD	SW8270D	
Atrazine	ND	140	140	ug/Kg	1	07/22/15	DD	SW8270D	
Benz(a)anthracene	ND	240	120	ug/Kg	1	07/22/15	DD	SW8270D	
Benzaldehyde	ND	240	100	ug/Kg	1	07/22/15	DD	SW8270D	
Benzo(a)pyrene	ND	140	110	ug/Kg	1	07/22/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	240	120	ug/Kg	1	07/22/15	DD	SW8270D	
Benzo(ghi)perylene	ND	240	110	ug/Kg	1	07/22/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	240	120	ug/Kg	1	07/22/15	DD	SW8270D	
Benzyl butyl phthalate	ND	240	90	ug/Kg	1	07/22/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	240	96	ug/Kg	1	07/22/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	140	94	ug/Kg	1	07/22/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	240	97	ug/Kg	1	07/22/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	240	100	ug/Kg	1	07/22/15	DD	SW8270D	
Caprolactam	ND	240	240	ug/Kg	1	07/22/15	DD	SW8270D	
Carbazole	ND	1700	260	ug/Kg	1	07/22/15	DD	SW8270D	
Chrysene	ND	240	120	ug/Kg	1	07/22/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	140	110	ug/Kg	1	07/22/15	DD	SW8270D	
Dibenzofuran	ND	240	100	ug/Kg	1	07/22/15	DD	SW8270D	
Diethyl phthalate	ND	240	110	ug/Kg	1	07/22/15	DD	SW8270D	
Dimethylphthalate	ND	240	110	ug/Kg	1	07/22/15	DD	SW8270D	
Di-n-butylphthalate	ND	240	93	ug/Kg	1	07/22/15	DD	SW8270D	
Di-n-octylphthalate	ND	240	90	ug/Kg	1	07/22/15	DD	SW8270D	
Fluoranthene	ND	240	110	ug/Kg	1	07/22/15	DD	SW8270D	
Fluorene	ND	240	120	ug/Kg	1	07/22/15	DD	SW8270D	
Hexachlorobenzene	ND	140	100	ug/Kg	1	07/22/15	DD	SW8270D	
Hexachlorobutadiene	ND	240	130	ug/Kg	1	07/22/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	240	110	ug/Kg	1	07/22/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-2 3-4FT

Phoenix I.D.: BJ62105

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachloroethane	ND	140	100	ug/Kg	1	07/22/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	240	120	ug/Kg	1	07/22/15	DD	SW8270D	
Isophorone	ND	140	98	ug/Kg	1	07/22/15	DD	SW8270D	
Naphthalene	ND	240	100	ug/Kg	1	07/22/15	DD	SW8270D	
Nitrobenzene	ND	140	120	ug/Kg	1	07/22/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	240	98	ug/Kg	1	07/22/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	140	110	ug/Kg	1	07/22/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	140	130	ug/Kg	1	07/22/15	DD	SW8270D	
Pentachlorophenol	ND	240	130	ug/Kg	1	07/22/15	DD	SW8270D	
Phenanthrene	ND	140	100	ug/Kg	1	07/22/15	DD	SW8270D	
Phenol	ND	240	110	ug/Kg	1	07/22/15	DD	SW8270D	
Pyrene	ND	240	120	ug/Kg	1	07/22/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	62			%	1	07/22/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	75			%	1	07/22/15	DD	30 - 130 %	
% 2-Fluorophenol	56			%	1	07/22/15	DD	30 - 130 %	
% Nitrobenzene-d5	67			%	1	07/22/15	DD	30 - 130 %	
% Phenol-d5	61			%	1	07/22/15	DD	30 - 130 %	
% Terphenyl-d14	79			%	1	07/22/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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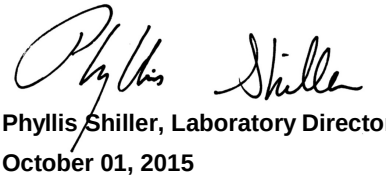

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	10:30
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62106

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-4 8FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	83				%		07/23/15	I	SW846-%Solid
1,4-dioxane									
1,4-dioxane	ND		100	100	ug/kg	1	07/23/15	JLI	SW8260C
Volatiles									
1,1,1-Trichloroethane	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromoethane	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloroethane	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloropropane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
2-Hexanone	ND		29	5.8	ug/Kg	1	07/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND		29	5.8	ug/Kg	1	07/23/15	JLI	SW8260C
Acetone	8.0	JS	50	5.8	ug/Kg	1	07/23/15	JLI	SW8260C
Benzene	78	J	300	30	ug/Kg	50	07/24/15	JLI	SW8260C
Bromochloromethane	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Bromodichloromethane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Bromoform	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Bromomethane	ND		5.8	2.3	ug/Kg	1	07/23/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-4 8FT

Phoenix I.D.: BJ62106

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon tetrachloride	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Chlorobenzene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroethane	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroform	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Chloromethane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Cyclohexane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromochloromethane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Ethylbenzene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Isopropylbenzene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
m&p-Xylene	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl ethyl ketone	ND		35	5.8	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methylacetate	ND		5.8	2.9	ug/Kg	1	07/23/15	JLI	SW8260C
Methylcyclohexane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methylene chloride	ND		5.8	5.8	ug/Kg	1	07/23/15	JLI	SW8260C
o-Xylene	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Styrene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Tetrachloroethene	1400		300	59	ug/Kg	50	07/24/15	JLI	SW8260C
Toluene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Total Xylenes	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Trichloroethene	77	J	300	30	ug/Kg	50	07/24/15	JLI	SW8260C
Trichlorofluoromethane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Vinyl chloride	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	104				%	1	07/23/15	JLI	70 - 130 %
% Bromofluorobenzene	93				%	1	07/23/15	JLI	70 - 130 %
% Dibromofluoromethane	94				%	1	07/23/15	JLI	70 - 130 %
% Toluene-d8	100				%	1	07/23/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						07/24/15	JLI	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	10:30
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62107

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-4 7-8FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	10400		36	7.2	mg/Kg	10	07/23/15	LK	SW6010C
Antimony	< 1.8		1.8	1.8	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	5.2		0.7	0.72	mg/Kg	1	07/24/15	LK	SW6010C
Barium	50.9	N	0.7	0.36	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	0.54		0.29	0.14	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	21400		36	33	mg/Kg	10	07/23/15	LK	SW6010C
Cadmium	0.20	B	0.36	0.14	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	16.5		0.36	0.36	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	8.98		0.36	0.36	mg/Kg	1	07/24/15	LK	SW6010C
Copper	26.5		0.36	0.36	mg/kg	1	07/24/15	LK	SW6010C
Iron	23600		36	36	mg/Kg	10	07/23/15	LK	SW6010C
Lead	9.8		0.7	0.36	mg/Kg	1	07/24/15	LK	SW6010C
Magnesium	9520		36	36	mg/Kg	10	07/23/15	LK	SW6010C
Manganese	470		3.6	3.6	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	0.03	B	0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	20.7		0.36	0.36	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	2210	N	7	2.8	mg/Kg	1	07/24/15	LK	SW6010C
Selenium	< 1.4		1.4	1.2	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.36		0.36	0.36	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	135	N	7	3.1	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.4		1.4	1.4	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	19.5		0.4	0.36	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	56.9		0.7	0.36	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	92				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	CJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-4 7-8FT

Phoenix I.D.: BJ62107

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	36	36	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1221	ND	36	36	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1232	ND	36	36	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1242	ND	36	36	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1248	ND	36	36	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1254	ND	36	36	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1260	ND	36	36	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1262	ND	36	36	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1268	ND	36	36	ug/Kg	2	07/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	97			%	2	07/23/15	AW	30 - 150 %
% TCMX	88			%	2	07/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1	2.1	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	2	07/23/15	CE	SW8081B
a-BHC	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	2	07/23/15	CE	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	07/23/15	CE	SW8081B
b-BHC	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
d-BHC	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan I	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan II	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan sulfate	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
Endrin	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
Endrin aldehyde	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
Endrin ketone	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	07/23/15	CE	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor epoxide	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	07/23/15	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	07/23/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	92			%	2	07/23/15	CE	30 - 150 %
% TCMX	84			%	2	07/23/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	250	110	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	250	170	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	140	110	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	140	130	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	250	88	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-4 7-8FT

Phoenix I.D.: BJ62107

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	07/23/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	140	140	ug/Kg	1	07/23/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	140	110	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chlorophenol	ND	250	100	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylnaphthalene	ND	250	110	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitroaniline	ND	1800	360	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitrophenol	ND	250	230	ug/Kg	1	07/23/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	07/23/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	140	140	ug/Kg	1	07/23/15	DD	SW8270D	
3-Nitroaniline	ND	1800	770	ug/Kg	1	07/23/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	250	250	ug/Kg	1	07/23/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloroaniline	ND	710	170	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitroaniline	ND	1800	120	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitrophenol	ND	250	160	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthene	ND	250	110	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthylene	ND	140	99	ug/Kg	1	07/23/15	DD	SW8270D	
Acetophenone	ND	250	110	ug/Kg	1	07/23/15	DD	SW8270D	
Anthracene	ND	250	120	ug/Kg	1	07/23/15	DD	SW8270D	
Atrazine	ND	140	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benz(a)anthracene	ND	250	120	ug/Kg	1	07/23/15	DD	SW8270D	
Benzaldehyde	ND	250	110	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(a)pyrene	ND	140	120	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	07/23/15	DD	SW8270D	
Benzyl butyl phthalate	ND	250	92	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	250	98	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	140	96	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	1	07/23/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	07/23/15	DD	SW8270D	
Caprolactam	ND	250	250	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	1800	270	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	ND	250	120	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	140	120	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	250	100	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	250	110	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	250	110	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	250	94	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	250	92	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	ND	250	120	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	250	120	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	140	100	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	250	130	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	07/23/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-4 7-8FT

Phoenix I.D.: BJ62107

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachloroethane	ND	140	110	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	140	99	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	250	100	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	140	120	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	140	120	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	140	140	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	250	130	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	ND	140	100	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	250	110	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	ND	250	120	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	70			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	74			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	57			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	73			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	69			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	75			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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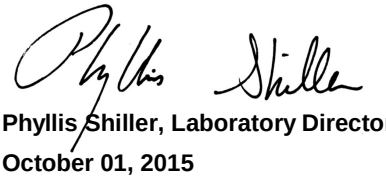

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	11:00
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62108

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-6B 11FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	76			%		07/23/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100	100	ug/kg	1	07/23/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
2-Hexanone	ND	32	6.4	ug/Kg	1	07/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	32	6.4	ug/Kg	1	07/23/15	JLI	SW8260C
Acetone	ND	50	6.4	ug/Kg	1	07/23/15	JLI	SW8260C
Benzene	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Bromochloromethane	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Bromodichloromethane	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Bromoform	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Bromomethane	ND	6.4	2.6	ug/Kg	1	07/23/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-6B 11FT

Phoenix I.D.: BJ62108

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon tetrachloride	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Chlorobenzene	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroethane	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroform	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Chloromethane	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Cyclohexane	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromochloromethane	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Ethylbenzene	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Isopropylbenzene	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
m&p-Xylene	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl ethyl ketone	ND		39	6.4	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		13	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Methylacetate	ND		6.4	3.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methylcyclohexane	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Methylene chloride	ND		6.4	6.4	ug/Kg	1	07/23/15	JLI	SW8260C
o-Xylene	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Styrene	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Tetrachloroethene	1.8	J	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Toluene	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Total Xylenes	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Trichloroethene	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorofluoromethane	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Vinyl chloride	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101				%	1	07/23/15	JLI	70 - 130 %
% Bromofluorobenzene	97				%	1	07/23/15	JLI	70 - 130 %
% Dibromofluoromethane	95				%	1	07/23/15	JLI	70 - 130 %
% Toluene-d8	99				%	1	07/23/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						07/24/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-6B 11FT

Phoenix I.D.: BJ62108

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	11:00
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62109

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-6B 11-12FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	19400		39	7.8	mg/Kg	10	07/23/15	LK	SW6010C
Antimony	< 2.0		2.0	2.0	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	7.5		0.8	0.78	mg/Kg	1	07/24/15	LK	SW6010C
Barium	118	N	0.8	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	1.16		0.31	0.16	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	14600		39	36	mg/Kg	10	07/23/15	LK	SW6010C
Cadmium	0.17	B	0.39	0.16	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	23.5		0.39	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	13.6		0.39	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Copper	28.9		0.39	0.39	mg/kg	1	07/24/15	LK	SW6010C
Iron	35700		39	39	mg/Kg	10	07/23/15	LK	SW6010C
Lead	9.8		0.8	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Magnesium	7040		39	39	mg/Kg	10	07/23/15	LK	SW6010C
Manganese	589		3.9	3.9	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	0.03	B	0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	26.5		0.39	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	3420	N	78	31	mg/Kg	10	07/23/15	LK	SW6010C
Selenium	< 1.6		1.6	1.3	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.39		0.39	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	901	N	8	3.4	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.6		1.6	1.6	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	40.8		0.4	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	72.5		0.8	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	76				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	CJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-6B 11-12FT

Phoenix I.D.: BJ62109

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1221	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1232	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1242	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1248	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1254	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1260	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1262	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1268	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	92			%	2	07/23/15	AW	30 - 150 %
% TCMX	90			%	2	07/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.5	2.5	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDE	ND	2.5	2.5	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDT	ND	2.5	2.5	ug/Kg	2	07/23/15	CE	SW8081B
a-BHC	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
a-Chlordane	ND	4.2	4.2	ug/Kg	2	07/23/15	CE	SW8081B
Aldrin	ND	4.2	4.2	ug/Kg	2	07/23/15	CE	SW8081B
b-BHC	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
d-BHC	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
Dieldrin	ND	4.2	4.2	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan I	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan II	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan sulfate	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
Endrin	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
Endrin aldehyde	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
Endrin ketone	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
g-BHC	ND	1.7	1.7	ug/Kg	2	07/23/15	CE	SW8081B
g-Chlordane	ND	4.2	4.2	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor epoxide	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
Methoxychlor	ND	42	42	ug/Kg	2	07/23/15	CE	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	07/23/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	87			%	2	07/23/15	CE	30 - 150 %
% TCMX	87			%	2	07/23/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	300	200	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	300	240	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-6B 11-12FT

Phoenix I.D.: BJ62109

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	300	300	ug/Kg	1	07/23/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chloronaphthalene	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chlorophenol	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylnaphthalene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	300	200	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitroaniline	ND	2200	440	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitrophenol	ND	300	280	ug/Kg	1	07/23/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	300	170	ug/Kg	1	07/23/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
3-Nitroaniline	ND	2200	950	ug/Kg	1	07/23/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	300	300	ug/Kg	1	07/23/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloroaniline	ND	870	200	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitroaniline	ND	2200	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitrophenol	ND	300	200	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthylene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Acetophenone	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Anthracene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Atrazine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
Benz(a)anthracene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
Benzaldehyde	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(a)pyrene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(ghi)perylene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzyl butyl phthalate	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Caprolactam	ND	300	300	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	2200	330	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	300	160	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-6B 11-12FT

Phoenix I.D.: BJ62109

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachloroethane	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	300	160	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	60			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	58			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	47			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	55			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	53			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	62			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	11:30
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62110

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-8 15FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	76				%		07/23/15	I	SW846-%Solid
1,4-dioxane									
1,4-dioxane	ND		100	100	ug/kg	1	07/23/15	JLI	SW8260C
Volatiles									
1,1,1-Trichloroethane	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethane	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethene	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromoethane	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloroethane	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloropropane	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
2-Hexanone	ND		32	6.4	ug/Kg	1	07/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND		32	6.4	ug/Kg	1	07/23/15	JLI	SW8260C
Acetone	27	JS	50	6.4	ug/Kg	1	07/23/15	JLI	SW8260C
Benzene	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Bromochloromethane	ND		6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Bromodichloromethane	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Bromoform	ND		6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Bromomethane	ND		6.4	2.6	ug/Kg	1	07/23/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-8 15FT

Phoenix I.D.: BJ62110

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon tetrachloride	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Chlorobenzene	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroethane	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroform	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Chloromethane	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Cyclohexane	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromochloromethane	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Ethylbenzene	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Isopropylbenzene	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
m&p-Xylene	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl ethyl ketone	ND	39	6.4	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	13	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Methylacetate	ND	6.4	3.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methylcyclohexane	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Methylene chloride	ND	6.4	6.4	ug/Kg	1	07/23/15	JLI	SW8260C
o-Xylene	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Styrene	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Tetrachloroethene	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Toluene	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Total Xylenes	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Trichloroethene	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorofluoromethane	ND	6.4	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
Vinyl chloride	ND	6.4	0.64	ug/Kg	1	07/23/15	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	07/23/15	JLI	70 - 130 %
% Bromofluorobenzene	95			%	1	07/23/15	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	07/23/15	JLI	70 - 130 %
% Toluene-d8	100			%	1	07/23/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed					07/24/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-8 15FT

Phoenix I.D.: BJ62110

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	11:30
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62111

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-8 15-16FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	22800		41	8.2	mg/Kg	10	07/23/15	LK	SW6010C
Antimony	< 2.1		2.1	2.1	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	7.1		0.8	0.82	mg/Kg	1	07/24/15	LK	SW6010C
Barium	95.8	N	0.8	0.41	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	1.18		0.33	0.16	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	1530		4.1	3.8	mg/Kg	1	07/24/15	LK	SW6010C
Cadmium	< 0.41		0.41	0.16	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	23.5		0.41	0.41	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	13.2		0.41	0.41	mg/Kg	1	07/24/15	LK	SW6010C
Copper	26.7		0.41	0.41	mg/kg	1	07/24/15	LK	SW6010C
Iron	37800		41	41	mg/Kg	10	07/23/15	LK	SW6010C
Lead	14.1		0.8	0.41	mg/Kg	1	07/24/15	LK	SW6010C
Magnesium	5140		4.1	4.1	mg/Kg	1	07/24/15	LK	SW6010C
Manganese	328		4.1	4.1	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	0.13		0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	23.7		0.41	0.41	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	3530	N	8	3.2	mg/Kg	1	07/24/15	LK	SW6010C
Selenium	< 1.6		1.6	1.4	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.41		0.41	0.41	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	1050	N	8	3.5	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.6		1.6	1.6	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	39.6		0.4	0.41	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	65.9		0.8	0.41	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	80				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	CJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-8 15-16FT

Phoenix I.D.: BJ62111

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	41	41	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1221	ND	41	41	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1232	ND	41	41	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1242	ND	41	41	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1248	ND	41	41	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1254	ND	41	41	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1260	ND	41	41	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1262	ND	41	41	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1268	ND	41	41	ug/Kg	2	07/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	88			%	2	07/23/15	AW	30 - 150 %
% TCMX	90			%	2	07/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.5	2.5	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDE	ND	2.5	2.5	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDT	ND	2.5	2.5	ug/Kg	2	07/23/15	CE	SW8081B
a-BHC	ND	8.3	8.3	ug/Kg	2	07/23/15	CE	SW8081B
a-Chlordane	ND	4.1	4.1	ug/Kg	2	07/23/15	CE	SW8081B
Aldrin	ND	4.1	4.1	ug/Kg	2	07/23/15	CE	SW8081B
b-BHC	ND	8.3	8.3	ug/Kg	2	07/23/15	CE	SW8081B
d-BHC	ND	8.3	8.3	ug/Kg	2	07/23/15	CE	SW8081B
Dieldrin	ND	4.1	4.1	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan I	ND	8.3	8.3	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan II	ND	8.3	8.3	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan sulfate	ND	8.3	8.3	ug/Kg	2	07/23/15	CE	SW8081B
Endrin	ND	8.3	8.3	ug/Kg	2	07/23/15	CE	SW8081B
Endrin aldehyde	ND	8.3	8.3	ug/Kg	2	07/23/15	CE	SW8081B
Endrin ketone	ND	8.3	8.3	ug/Kg	2	07/23/15	CE	SW8081B
g-BHC	ND	1.7	1.7	ug/Kg	2	07/23/15	CE	SW8081B
g-Chlordane	ND	4.1	4.1	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor	ND	8.3	8.3	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor epoxide	ND	8.3	8.3	ug/Kg	2	07/23/15	CE	SW8081B
Methoxychlor	ND	41	41	ug/Kg	2	07/23/15	CE	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	07/23/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	84			%	2	07/23/15	CE	30 - 150 %
% TCMX	80			%	2	07/23/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	290	150	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	290	190	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-8 15-16FT

Phoenix I.D.: BJ62111

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	290	290	ug/Kg	1	07/23/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	160	ug/Kg	1	07/23/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chloronaphthalene	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chlorophenol	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylnaphthalene	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	290	190	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitroaniline	ND	2100	420	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitrophenol	ND	290	260	ug/Kg	1	07/23/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	1	07/23/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
3-Nitroaniline	ND	2100	900	ug/Kg	1	07/23/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	290	290	ug/Kg	1	07/23/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	290	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloroaniline	ND	830	190	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitroaniline	ND	2100	140	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitrophenol	ND	290	190	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthene	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthylene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Acetophenone	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Anthracene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Atrazine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
Benz(a)anthracene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzaldehyde	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(a)pyrene	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(ghi)perylene	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	290	110	ug/Kg	1	07/23/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Caprolactam	ND	290	290	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	2100	310	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	290	110	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	290	110	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	290	150	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-8 15-16FT

Phoenix I.D.: BJ62111

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachloroethane	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	170	160	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	290	160	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	61			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	48			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	39			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	43			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	47			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	62			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	11:50
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62112

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-10 20FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	73				%		07/23/15	I	SW846-%Solid
1,4-dioxane									
1,4-dioxane	ND		100	100	ug/kg	1	07/23/15	JLI	SW8260C
Volatiles									
1,1,1-Trichloroethane	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethane	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethene	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromoethane	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloroethane	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloropropane	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
2-Hexanone	ND		35	7.1	ug/Kg	1	07/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND		35	7.1	ug/Kg	1	07/23/15	JLI	SW8260C
Acetone	10	JS	50	7.1	ug/Kg	1	07/23/15	JLI	SW8260C
Benzene	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
Bromochloromethane	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
Bromodichloromethane	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Bromoform	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Bromomethane	ND		7.1	2.8	ug/Kg	1	07/23/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-10 20FT

Phoenix I.D.: BJ62112

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon tetrachloride	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Chlorobenzene	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroethane	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroform	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
Chloromethane	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	35		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
Cyclohexane	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromochloromethane	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
Ethylbenzene	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
Isopropylbenzene	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
m&p-Xylene	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl ethyl ketone	ND		42	7.1	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		14	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Methylacetate	ND		7.1	3.5	ug/Kg	1	07/23/15	JLI	SW8260C
Methylcyclohexane	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Methylene chloride	ND		7.1	7.1	ug/Kg	1	07/23/15	JLI	SW8260C
o-Xylene	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Styrene	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
Tetrachloroethene	1.8	J	7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Toluene	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
Total Xylenes	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	1.3	J	7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
Trichloroethene	8.9		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorofluoromethane	ND		7.1	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
Vinyl chloride	ND		7.1	0.71	ug/Kg	1	07/23/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101				%	1	07/23/15	JLI	70 - 130 %
% Bromofluorobenzene	98				%	1	07/23/15	JLI	70 - 130 %
% Dibromofluoromethane	96				%	1	07/23/15	JLI	70 - 130 %
% Toluene-d8	100				%	1	07/23/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						07/24/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-10 20FT

Phoenix I.D.: BJ62112

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	11:50
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62113

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-10 19-20FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	30200		430	86	mg/Kg	100	07/23/15	LK	SW6010C
Antimony	< 2.1		2.1	2.1	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	7.6		0.9	0.86	mg/Kg	1	07/24/15	LK	SW6010C
Barium	240	N	0.9	0.43	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	1.56		0.34	0.17	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	23500		43	39	mg/Kg	10	07/23/15	LK	SW6010C
Cadmium	< 0.43		0.43	0.17	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	35.1		0.43	0.43	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	20.4		0.43	0.43	mg/Kg	1	07/24/15	LK	SW6010C
Copper	42.1		0.43	0.43	mg/kg	1	07/24/15	LK	SW6010C
Iron	44900		43	43	mg/Kg	10	07/23/15	LK	SW6010C
Lead	17.0		0.9	0.43	mg/Kg	1	07/24/15	LK	SW6010C
Magnesium	13600		43	43	mg/Kg	10	07/23/15	LK	SW6010C
Manganese	668		4.3	4.3	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	0.03	B	0.04	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	39.8		0.43	0.43	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	5840	N	86	33	mg/Kg	10	07/23/15	LK	SW6010C
Selenium	< 1.7		1.7	1.5	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.43		0.43	0.43	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	1030	N	9	3.7	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.7		1.7	1.7	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	46.9		0.4	0.43	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	93.0		0.9	0.43	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	73				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	CJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-10 19-20FT

Phoenix I.D.: BJ62113

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	45	45	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1221	ND	45	45	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1232	ND	45	45	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1242	ND	45	45	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1248	ND	45	45	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1254	ND	45	45	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1260	ND	45	45	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1262	ND	45	45	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1268	ND	45	45	ug/Kg	2	07/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	85			%	2	07/23/15	AW	30 - 150 %
% TCMX	87			%	2	07/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.7	2.7	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDE	ND	2.7	2.7	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDT	ND	2.7	2.7	ug/Kg	2	07/23/15	CE	SW8081B
a-BHC	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
a-Chlordane	ND	4.5	4.5	ug/Kg	2	07/23/15	CE	SW8081B
Aldrin	ND	4.5	4.5	ug/Kg	2	07/23/15	CE	SW8081B
b-BHC	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
d-BHC	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
Dieldrin	ND	4.5	4.5	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan I	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan II	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan sulfate	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
Endrin	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
Endrin aldehyde	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
Endrin ketone	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
g-BHC	ND	1.8	1.8	ug/Kg	2	07/23/15	CE	SW8081B
g-Chlordane	ND	4.5	4.5	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor epoxide	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
Methoxychlor	ND	45	45	ug/Kg	2	07/23/15	CE	SW8081B
Toxaphene	ND	180	180	ug/Kg	2	07/23/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	81			%	2	07/23/15	CE	30 - 150 %
% TCMX	53			%	2	07/23/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	310	160	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	310	210	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	310	240	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	180	140	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	180	160	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	310	110	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-10 19-20FT

Phoenix I.D.: BJ62113

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	310	310	ug/Kg	1	07/23/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	180	180	ug/Kg	1	07/23/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	180	140	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chloronaphthalene	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chlorophenol	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylnaphthalene	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	310	210	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitroaniline	ND	2200	450	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitrophenol	ND	310	280	ug/Kg	1	07/23/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	310	180	ug/Kg	1	07/23/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	180	180	ug/Kg	1	07/23/15	DD	SW8270D	
3-Nitroaniline	ND	2200	970	ug/Kg	1	07/23/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	310	310	ug/Kg	1	07/23/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	310	160	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloroaniline	ND	890	210	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitroaniline	ND	2200	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitrophenol	ND	310	200	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthene	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthylene	ND	180	120	ug/Kg	1	07/23/15	DD	SW8270D	
Acetophenone	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Anthracene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
Atrazine	ND	180	180	ug/Kg	1	07/23/15	DD	SW8270D	
Benz(a)anthracene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
Benzaldehyde	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(a)pyrene	ND	180	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(ghi)perylene	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
Benzyl butyl phthalate	ND	310	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	310	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	180	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	310	120	ug/Kg	1	07/23/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
Caprolactam	ND	310	310	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	2200	340	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	180	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	310	120	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	310	110	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	180	130	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	310	160	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-10 19-20FT

Phoenix I.D.: BJ62113

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachloroethane	ND	180	130	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	180	120	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	180	160	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	140	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	180	170	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	310	170	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	ND	180	130	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	58			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	51			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	42			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	48			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	49			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	68			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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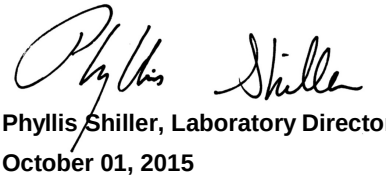

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	12:00
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62114

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-11 25FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	78			%		07/23/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100	100	ug/kg	1	07/23/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
2-Hexanone	ND	32	6.3	ug/Kg	1	07/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	32	6.3	ug/Kg	1	07/23/15	JLI	SW8260C
Acetone	ND	50	6.3	ug/Kg	1	07/23/15	JLI	SW8260C
Benzene	ND	6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
Bromochloromethane	ND	6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
Bromodichloromethane	ND	6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Bromoform	ND	6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Bromomethane	ND	6.3	2.5	ug/Kg	1	07/23/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-11 25FT

Phoenix I.D.: BJ62114

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon tetrachloride	ND		6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Chlorobenzene	ND		6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroethane	ND		6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroform	ND		6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
Chloromethane	ND		6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	28		6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
Cyclohexane	ND		6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromochloromethane	ND		6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND		6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
Ethylbenzene	ND		6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
Isopropylbenzene	ND		6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
m&p-Xylene	ND		6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl ethyl ketone	ND		38	6.3	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		13	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Methylacetate	ND		6.3	3.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methylcyclohexane	ND		6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Methylene chloride	ND		6.3	6.3	ug/Kg	1	07/23/15	JLI	SW8260C
o-Xylene	ND		6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Styrene	ND		6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
Tetrachloroethene	1.7	J	6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Toluene	ND		6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
Total Xylenes	ND		6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
Trichloroethene	8.5		6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorofluoromethane	ND		6.3	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
Vinyl chloride	ND		6.3	0.63	ug/Kg	1	07/23/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	102				%	1	07/23/15	JLI	70 - 130 %
% Bromofluorobenzene	97				%	1	07/23/15	JLI	70 - 130 %
% Dibromofluoromethane	97				%	1	07/23/15	JLI	70 - 130 %
% Toluene-d8	100				%	1	07/23/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						07/24/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-11 25FT

Phoenix I.D.: BJ62114

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	12:00
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62115

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-11 24-25FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	25200		400	80	mg/Kg	100	07/23/15	LK	SW6010C
Antimony	< 2.0		2.0	2.0	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	8.4		0.8	0.80	mg/Kg	1	07/24/15	LK	SW6010C
Barium	201	N	0.8	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	1.25		0.32	0.16	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	36000		40	37	mg/Kg	10	07/23/15	LK	SW6010C
Cadmium	0.16	B	0.40	0.16	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	30.2		0.40	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	19.1		0.40	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Copper	35.6		0.40	0.40	mg/kg	1	07/24/15	LK	SW6010C
Iron	40500		40	40	mg/Kg	10	07/23/15	LK	SW6010C
Lead	15.6		0.8	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Magnesium	13200		40	40	mg/Kg	10	07/23/15	LK	SW6010C
Manganese	944		4.0	4.0	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	0.03	B	0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	35.2		0.40	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	4880	N	80	31	mg/Kg	10	07/23/15	LK	SW6010C
Selenium	< 1.6		1.6	1.4	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.40		0.40	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	908	N	8	3.4	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.6		1.6	1.6	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	40.4		0.4	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	80.6		0.8	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	77				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	CJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1221	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1232	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1242	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1248	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1254	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1260	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1262	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1268	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	105			%	2	07/23/15	AW	30 - 150 %
% TCMX	97			%	2	07/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.5	2.5	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDE	ND	2.5	2.5	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDT	ND	2.5	2.5	ug/Kg	2	07/23/15	CE	SW8081B
a-BHC	ND	8.4	8.4	ug/Kg	2	07/23/15	CE	SW8081B
a-Chlordane	ND	4.2	4.2	ug/Kg	2	07/23/15	CE	SW8081B
Aldrin	ND	4.2	4.2	ug/Kg	2	07/23/15	CE	SW8081B
b-BHC	ND	8.4	8.4	ug/Kg	2	07/23/15	CE	SW8081B
d-BHC	ND	8.4	8.4	ug/Kg	2	07/23/15	CE	SW8081B
Dieldrin	ND	4.2	4.2	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan I	ND	8.4	8.4	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan II	ND	8.4	8.4	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan sulfate	ND	8.4	8.4	ug/Kg	2	07/23/15	CE	SW8081B
Endrin	ND	8.4	8.4	ug/Kg	2	07/23/15	CE	SW8081B
Endrin aldehyde	ND	8.4	8.4	ug/Kg	2	07/23/15	CE	SW8081B
Endrin ketone	ND	8.4	8.4	ug/Kg	2	07/23/15	CE	SW8081B
g-BHC	ND	1.7	1.7	ug/Kg	2	07/23/15	CE	SW8081B
g-Chlordane	ND	4.2	4.2	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor	ND	8.4	8.4	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor epoxide	ND	8.4	8.4	ug/Kg	2	07/23/15	CE	SW8081B
Methoxychlor	ND	42	42	ug/Kg	2	07/23/15	CE	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	07/23/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	89			%	2	07/23/15	CE	30 - 150 %
% TCMX	82			%	2	07/23/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	290	150	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	290	200	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-11 24-25FT

Phoenix I.D.: BJ62115

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	290	290	ug/Kg	1	07/23/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chloronaphthalene	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chlorophenol	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylnaphthalene	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	290	200	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitroaniline	ND	2100	430	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitrophenol	ND	290	270	ug/Kg	1	07/23/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	290	170	ug/Kg	1	07/23/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
3-Nitroaniline	ND	2100	920	ug/Kg	1	07/23/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	290	290	ug/Kg	1	07/23/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	290	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloroaniline	ND	840	200	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitroaniline	ND	2100	140	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitrophenol	ND	290	190	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthene	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthylene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Acetophenone	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Anthracene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Atrazine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
Benz(a)anthracene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzaldehyde	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(a)pyrene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(ghi)perylene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Caprolactam	ND	290	290	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	2100	320	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	290	110	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	290	110	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	290	150	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-8 S-11 24-25FT

Phoenix I.D.: BJ62115

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachloroethane	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	170	160	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	290	160	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	65			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	57			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	49			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	57			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	55			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	72			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	7:10
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62116

Project ID: TIM BAYLY PROPERTY
Client ID: S-A

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	10700		39	7.8	mg/Kg	10	07/23/15	LK	SW6010C
Antimony	< 1.9		1.9	1.9	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	7.6		0.8	0.78	mg/Kg	1	07/24/15	LK	SW6010C
Barium	243	N	0.8	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	0.65		0.31	0.16	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	13500		39	36	mg/Kg	10	07/23/15	LK	SW6010C
Cadmium	1.10		0.39	0.16	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	102		0.39	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	9.93		0.39	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Copper	98.6		0.39	0.39	mg/kg	1	07/24/15	LK	SW6010C
Iron	23900		39	39	mg/Kg	10	07/23/15	LK	SW6010C
Lead	887		7.8	3.9	mg/Kg	10	07/23/15	LK	SW6010C
Magnesium	5910		39	39	mg/Kg	10	07/23/15	LK	SW6010C
Manganese	480		3.9	3.9	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	0.87		0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	22.9		0.39	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	2200	N	8	3.0	mg/Kg	1	07/24/15	LK	SW6010C
Selenium	< 1.6		1.6	1.3	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.39		0.39	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	137	N	8	3.3	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.6		1.6	1.6	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	26.0		0.4	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	274		7.8	3.9	mg/Kg	10	07/23/15	LK	SW6010C
Percent Solid	87				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	CC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	BJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: S-A

Phoenix I.D.: BJ62116

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	38	38	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1221	ND	38	38	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1232	ND	38	38	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1242	ND	38	38	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1248	ND	38	38	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1254	ND	38	38	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1260	85	38	38	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1262	ND	38	38	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1268	ND	38	38	ug/Kg	2	07/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	99			%	2	07/23/15	AW	30 - 150 %
% TCMX	87			%	2	07/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	11	11	ug/Kg	10	07/24/15	CE	SW8081B
4,4' -DDE	37	11	11	ug/Kg	10	07/24/15	CE	SW8081B
4,4' -DDT	140	11	11	ug/Kg	10	07/24/15	CE	SW8081B
a-BHC	ND	38	38	ug/Kg	10	07/24/15	CE	SW8081B
a-Chlordane	ND	19	19	ug/Kg	10	07/24/15	CE	SW8081B
Aldrin	ND	19	19	ug/Kg	10	07/24/15	CE	SW8081B
b-BHC	ND	36	38	ug/Kg	10	07/24/15	CE	SW8081B
d-BHC	ND	38	38	ug/Kg	10	07/24/15	CE	SW8081B
Dieldrin	ND	19	19	ug/Kg	10	07/24/15	CE	SW8081B
Endosulfan I	ND	38	38	ug/Kg	10	07/24/15	CE	SW8081B
Endosulfan II	ND	38	38	ug/Kg	10	07/24/15	CE	SW8081B
Endosulfan sulfate	ND	38	38	ug/Kg	10	07/24/15	CE	SW8081B
Endrin	ND	38	38	ug/Kg	10	07/24/15	CE	SW8081B
Endrin aldehyde	ND	38	38	ug/Kg	10	07/24/15	CE	SW8081B
Endrin ketone	ND	38	38	ug/Kg	10	07/24/15	CE	SW8081B
g-BHC	ND	7.5	7.5	ug/Kg	10	07/24/15	CE	SW8081B
g-Chlordane	ND	19	19	ug/Kg	10	07/24/15	CE	SW8081B
Heptachlor	ND	38	38	ug/Kg	10	07/24/15	CE	SW8081B
Heptachlor epoxide	ND	38	38	ug/Kg	10	07/24/15	CE	SW8081B
Methoxychlor	ND	190	190	ug/Kg	10	07/24/15	CE	SW8081B
Toxaphene	ND	750	750	ug/Kg	10	07/24/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	94			%	10	07/24/15	CE	30 - 150 %
% TCMX	82			%	10	07/24/15	CE	30 - 150 %
1,4-dioxane								
1,4-dioxane	ND	100	100	ug/kg	1	07/23/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: S-A

Phoenix I.D.: BJ62116

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	280	56	ug/Kg	50	07/24/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	280	56	ug/Kg	50	07/24/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	280	56	ug/Kg	50	07/24/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	280	28	ug/Kg	50	07/24/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	280	28	ug/Kg	50	07/24/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	280	28	ug/Kg	50	07/24/15	JLI	SW8260C
2-Hexanone	ND	29	5.8	ug/Kg	1	07/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	29	5.8	ug/Kg	1	07/23/15	JLI	SW8260C
Acetone	ND	50	5.8	ug/Kg	1	07/23/15	JLI	SW8260C
Benzene	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Bromochloromethane	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Bromodichloromethane	ND	5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Bromoform	ND	5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Bromomethane	ND	5.8	2.3	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon Disulfide	ND	5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon tetrachloride	ND	5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Chlorobenzene	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroethane	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroform	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Chloromethane	ND	5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Cyclohexane	ND	5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromochloromethane	ND	5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Ethylbenzene	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Isopropylbenzene	ND	280	28	ug/Kg	50	07/24/15	JLI	SW8260C
m&p-Xylene	ND	5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl ethyl ketone	ND	35	5.8	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methylacetate	ND	5.8	2.9	ug/Kg	1	07/23/15	JLI	SW8260C
Methylcyclohexane	ND	5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methylene chloride	ND	5.8	5.8	ug/Kg	1	07/23/15	JLI	SW8260C
o-Xylene	ND	5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Styrene	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Tetrachloroethene	ND	5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Toluene	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Total Xylenes	ND	5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Trichloroethene	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Vinyl chloride	ND	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	104			%	50	07/24/15	JLI	70 - 130 %
% Bromofluorobenzene	100			%	50	07/24/15	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	07/23/15	JLI	70 - 130 %
% Toluene-d8	98			%	1	07/23/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed					07/24/15	JLI	

Semivolatiles

1,1-Biphenyl	ND	270	120	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	270	130	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	270	180	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	150	120	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	150	130	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	270	94	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dinitrophenol	ND	270	270	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dinitrotoluene	ND	150	150	ug/Kg	1	07/23/15	DD	SW8270D
2,6-Dinitrotoluene	ND	150	120	ug/Kg	1	07/23/15	DD	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	07/23/15	DD	SW8270D
2-Chlorophenol	ND	270	110	ug/Kg	1	07/23/15	DD	SW8270D
2-Methylnaphthalene	ND	270	110	ug/Kg	1	07/23/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	07/23/15	DD	SW8270D
2-Nitroaniline	ND	1900	380	ug/Kg	1	07/23/15	DD	SW8270D
2-Nitrophenol	ND	270	240	ug/Kg	1	07/23/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	07/23/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	150	150	ug/Kg	1	07/23/15	DD	SW8270D
3-Nitroaniline	ND	1900	820	ug/Kg	1	07/23/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	270	270	ug/Kg	1	07/23/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	07/23/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	1	07/23/15	DD	SW8270D
4-Chloroaniline	ND	760	180	ug/Kg	1	07/23/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	07/23/15	DD	SW8270D
4-Nitroaniline	ND	1900	130	ug/Kg	1	07/23/15	DD	SW8270D
4-Nitrophenol	ND	270	170	ug/Kg	1	07/23/15	DD	SW8270D
Acenaphthene	ND	270	120	ug/Kg	1	07/23/15	DD	SW8270D
Acenaphthylene	ND	150	110	ug/Kg	1	07/23/15	DD	SW8270D
Acetophenone	ND	270	120	ug/Kg	1	07/23/15	DD	SW8270D
Anthracene	ND	270	120	ug/Kg	1	07/23/15	DD	SW8270D
Atrazine	ND	150	150	ug/Kg	1	07/23/15	DD	SW8270D
Benz(a)anthracene	590	270	130	ug/Kg	1	07/23/15	DD	SW8270D
Benzaldehyde	ND	270	110	ug/Kg	1	07/23/15	DD	SW8270D
Benzo(a)pyrene	570	150	120	ug/Kg	1	07/23/15	DD	SW8270D
Benzo(b)fluoranthene	690	270	130	ug/Kg	1	07/23/15	DD	SW8270D
Benzo(ghi)perylene	340	270	120	ug/Kg	1	07/23/15	DD	SW8270D
Benzo(k)fluoranthene	530	270	130	ug/Kg	1	07/23/15	DD	SW8270D
Benzyl butyl phthalate	ND	270	98	ug/Kg	1	07/23/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	270	100	ug/Kg	1	07/23/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	150	100	ug/Kg	1	07/23/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	07/23/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	290	270	110	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: S-A

Phoenix I.D.: BJ62116

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Caprolactam	ND	270	270	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	1900	290	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	870	270	130	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	150	120	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	270	110	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	270	120	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	270	120	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	270	100	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	270	98	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	1100	270	120	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	270	130	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	150	110	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	270	140	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachloroethane	ND	150	110	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	350	270	130	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	150	110	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	270	110	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	150	130	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	150	120	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	150	150	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	270	140	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	540	150	110	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	270	120	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	1200	270	130	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	87			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	78			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	64			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	79			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	75			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	78			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	7:30
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62117

Project ID: TIM BAYLY PROPERTY
Client ID: S-B

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	10500		35	7.0	mg/Kg	10	07/23/15	LK	SW6010C
Antimony	< 1.8		1.8	1.8	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	6.8		0.7	0.70	mg/Kg	1	07/24/15	LK	SW6010C
Barium	179	N	0.7	0.35	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	0.57		0.28	0.14	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	13500		35	32	mg/Kg	10	07/23/15	LK	SW6010C
Cadmium	0.79		0.35	0.14	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	20.9		0.35	0.35	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	9.04		0.35	0.35	mg/Kg	1	07/24/15	LK	SW6010C
Copper	46.8		0.35	0.35	mg/kg	1	07/24/15	LK	SW6010C
Iron	24500		35	35	mg/Kg	10	07/23/15	LK	SW6010C
Lead	292		7.0	3.5	mg/Kg	10	07/23/15	LK	SW6010C
Magnesium	4990		3.5	3.5	mg/Kg	1	07/24/15	LK	SW6010C
Manganese	442		3.5	3.5	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	0.34		0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	21.5		0.35	0.35	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	1780	N	7	2.7	mg/Kg	1	07/24/15	LK	SW6010C
Selenium	< 1.4		1.4	1.2	mg/Kg	1	07/24/15	LK	SW6010C
Silver	0.36		0.35	0.35	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	111	N	7	3.0	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.4		1.4	1.4	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	23.0		0.4	0.35	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	211		7.0	3.5	mg/Kg	10	07/23/15	LK	SW6010C
Percent Solid	86				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	CC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	BJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: S-B

Phoenix I.D.: BJ62117

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	38	38	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1221	ND	38	38	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1232	ND	38	38	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1242	ND	38	38	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1248	ND	38	38	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1254	ND	38	38	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1260	ND	38	38	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1262	ND	38	38	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1268	ND	38	38	ug/Kg	2	07/24/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	107			%	2	07/24/15	AW	30 - 150 %
% TCMX	98			%	2	07/24/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	23	23	ug/Kg	20	07/24/15	CE	SW8081B
4,4' -DDE	1700	110	110	ug/Kg	100	07/27/15	CE	SW8081B
4,4' -DDT	2500	110	110	ug/Kg	100	07/27/15	CE	SW8081B
a-BHC	ND	77	77	ug/Kg	20	07/24/15	CE	SW8081B
a-Chlordane	ND	38	38	ug/Kg	20	07/24/15	CE	SW8081B
Aldrin	ND	38	38	ug/Kg	20	07/24/15	CE	SW8081B
b-BHC	ND	77	77	ug/Kg	20	07/24/15	CE	SW8081B
d-BHC	ND	77	77	ug/Kg	20	07/24/15	CE	SW8081B
Dieldrin	ND	38	38	ug/Kg	20	07/24/15	CE	SW8081B
Endosulfan I	ND	77	77	ug/Kg	20	07/24/15	CE	SW8081B
Endosulfan II	ND	77	77	ug/Kg	20	07/24/15	CE	SW8081B
Endosulfan sulfate	ND	77	77	ug/Kg	20	07/24/15	CE	SW8081B
Endrin	ND	77	77	ug/Kg	20	07/24/15	CE	SW8081B
Endrin aldehyde	ND	77	77	ug/Kg	20	07/24/15	CE	SW8081B
Endrin ketone	ND	77	77	ug/Kg	20	07/24/15	CE	SW8081B
g-BHC	ND	15	15	ug/Kg	20	07/24/15	CE	SW8081B
g-Chlordane	ND	38	38	ug/Kg	20	07/24/15	CE	SW8081B
Heptachlor	ND	77	77	ug/Kg	20	07/24/15	CE	SW8081B
Heptachlor epoxide	ND	77	77	ug/Kg	20	07/24/15	CE	SW8081B
Methoxychlor	ND	380	380	ug/Kg	20	07/24/15	CE	SW8081B
Toxaphene	ND	1500	1500	ug/Kg	20	07/24/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	Diluted Out			%	20	07/24/15	CE	30 - 150 %
% TCMX	Diluted Out			%	20	07/24/15	CE	30 - 150 %
1,4-dioxane								
1,4-dioxane	ND	100	100	ug/kg	1	07/23/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: S-B

Phoenix I.D.: BJ62117

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
2-Hexanone	ND	30	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	30	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Acetone	ND	50	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Benzene	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
Bromochloromethane	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
Bromodichloromethane	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Bromoform	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Bromomethane	ND	5.9	2.4	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon Disulfide	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon tetrachloride	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Chlorobenzene	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroethane	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroform	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
Chloromethane	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
Cyclohexane	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromochloromethane	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
Ethylbenzene	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
Isopropylbenzene	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
m&p-Xylene	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl ethyl ketone	ND	36	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methylacetate	ND	5.9	3.0	ug/Kg	1	07/23/15	JLI	SW8260C
Methylcyclohexane	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methylene chloride	ND	5.9	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
o-Xylene	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Styrene	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
Tetrachloroethene	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Toluene	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
Total Xylenes	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
Trichloroethene	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.9	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C
Vinyl chloride	ND	5.9	0.59	ug/Kg	1	07/23/15	JLI	SW8260C

QA/QC Surrogates

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	101				%	1	07/23/15	JLI	70 - 130 %
% Bromofluorobenzene	96				%	1	07/23/15	JLI	70 - 130 %
% Dibromofluoromethane	97				%	1	07/23/15	JLI	70 - 130 %
% Toluene-d8	101				%	1	07/23/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						07/24/15	JLI	

Semivolatiles

1,1-Biphenyl	ND		270	120	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND		270	130	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND		270	180	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND		270	210	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND		150	120	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND		150	130	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND		270	94	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dinitrophenol	ND		270	270	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dinitrotoluene	ND		150	150	ug/Kg	1	07/23/15	DD	SW8270D
2,6-Dinitrotoluene	ND		150	120	ug/Kg	1	07/23/15	DD	SW8270D
2-Chloronaphthalene	ND		270	110	ug/Kg	1	07/23/15	DD	SW8270D
2-Chlorophenol	ND		270	110	ug/Kg	1	07/23/15	DD	SW8270D
2-Methylnaphthalene	ND		270	110	ug/Kg	1	07/23/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND		270	180	ug/Kg	1	07/23/15	DD	SW8270D
2-Nitroaniline	ND		1900	380	ug/Kg	1	07/23/15	DD	SW8270D
2-Nitrophenol	ND		270	240	ug/Kg	1	07/23/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND		270	150	ug/Kg	1	07/23/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND		150	150	ug/Kg	1	07/23/15	DD	SW8270D
3-Nitroaniline	ND		1900	830	ug/Kg	1	07/23/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND		270	270	ug/Kg	1	07/23/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND		270	110	ug/Kg	1	07/23/15	DD	SW8270D
4-Chloro-3-methylphenol	ND		270	130	ug/Kg	1	07/23/15	DD	SW8270D
4-Chloroaniline	ND		760	180	ug/Kg	1	07/23/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND		270	130	ug/Kg	1	07/23/15	DD	SW8270D
4-Nitroaniline	ND		1900	130	ug/Kg	1	07/23/15	DD	SW8270D
4-Nitrophenol	ND		270	170	ug/Kg	1	07/23/15	DD	SW8270D
Acenaphthene	ND		270	120	ug/Kg	1	07/23/15	DD	SW8270D
Acenaphthylene	ND		150	110	ug/Kg	1	07/23/15	DD	SW8270D
Acetophenone	ND		270	120	ug/Kg	1	07/23/15	DD	SW8270D
Anthracene	140	J	270	120	ug/Kg	1	07/23/15	DD	SW8270D
Atrazine	ND		150	150	ug/Kg	1	07/23/15	DD	SW8270D
Benz(a)anthracene	490		270	130	ug/Kg	1	07/23/15	DD	SW8270D
Benzaldehyde	ND		270	110	ug/Kg	1	07/23/15	DD	SW8270D
Benzo(a)pyrene	500		150	120	ug/Kg	1	07/23/15	DD	SW8270D
Benzo(b)fluoranthene	620		270	130	ug/Kg	1	07/23/15	DD	SW8270D
Benzo(ghi)perylene	340		270	120	ug/Kg	1	07/23/15	DD	SW8270D
Benzo(k)fluoranthene	460		270	130	ug/Kg	1	07/23/15	DD	SW8270D
Benzyl butyl phthalate	ND		270	98	ug/Kg	1	07/23/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND		270	110	ug/Kg	1	07/23/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND		150	100	ug/Kg	1	07/23/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND		270	110	ug/Kg	1	07/23/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	280		270	110	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: S-B

Phoenix I.D.: BJ62117

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Caprolactam	ND	270	270	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	1900	290	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	690	270	130	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	150	120	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	270	110	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	270	120	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	270	120	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	270	100	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	270	98	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	1200	270	120	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	270	130	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	150	110	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	270	140	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachloroethane	ND	150	110	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	340	270	130	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	150	110	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	270	110	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	150	130	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	150	120	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	150	150	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	270	140	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	860	150	110	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	270	120	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	1100	270	130	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	92			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	87			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	64			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	79			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	76			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	89			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Pesticide Comment:
Due to the presence of large quantities of target pesticides in the sample an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	7:10
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62118

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-2 4FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92			%		07/23/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100	100	ug/kg	1	07/23/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
2-Hexanone	ND	27	5.4	ug/Kg	1	07/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	27	5.4	ug/Kg	1	07/23/15	JLI	SW8260C
Acetone	ND	50	5.4	ug/Kg	1	07/23/15	JLI	SW8260C
Benzene	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
Bromochloromethane	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
Bromodichloromethane	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Bromoform	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Bromomethane	ND	5.4	2.2	ug/Kg	1	07/23/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-2 4FT

Phoenix I.D.: BJ62118

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon tetrachloride	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Chlorobenzene	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroethane	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroform	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
Chloromethane	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
Cyclohexane	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromochloromethane	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
Ethylbenzene	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
Isopropylbenzene	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
m&p-Xylene	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl ethyl ketone	ND	33	5.4	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Methylacetate	ND	5.4	2.7	ug/Kg	1	07/23/15	JLI	SW8260C
Methylcyclohexane	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Methylene chloride	ND	5.4	5.4	ug/Kg	1	07/23/15	JLI	SW8260C
o-Xylene	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Styrene	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
Tetrachloroethene	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Toluene	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
Total Xylenes	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
Trichloroethene	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.4	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
Vinyl chloride	ND	5.4	0.54	ug/Kg	1	07/23/15	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	106			%	1	07/23/15	JLI	70 - 130 %
% Bromofluorobenzene	93			%	1	07/23/15	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	07/23/15	JLI	70 - 130 %
% Toluene-d8	102			%	1	07/23/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed					07/24/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-2 4FT

Phoenix I.D.: BJ62118

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	7:10
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62119

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-2 3-4FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	13800		32	6.5	mg/Kg	10	07/23/15	LK	SW6010C
Antimony	< 1.6		1.6	1.6	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	6.3		0.6	0.65	mg/Kg	1	07/24/15	LK	SW6010C
Barium	98.9	N	0.6	0.32	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	0.69		0.26	0.13	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	2600		3.2	3.0	mg/Kg	1	07/24/15	LK	SW6010C
Cadmium	0.21	B	0.32	0.13	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	17.7		0.32	0.32	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	11.8		0.32	0.32	mg/Kg	1	07/24/15	LK	SW6010C
Copper	29.3		0.32	0.32	mg/kg	1	07/24/15	LK	SW6010C
Iron	30000		32	32	mg/Kg	10	07/23/15	LK	SW6010C
Lead	12.9		0.6	0.32	mg/Kg	1	07/24/15	LK	SW6010C
Magnesium	6050		32	32	mg/Kg	10	07/23/15	LK	SW6010C
Manganese	834		3.2	3.2	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	0.02	B	0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	23.6		0.32	0.32	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	2040	N	6	2.5	mg/Kg	1	07/24/15	LK	SW6010C
Selenium	< 1.3		1.3	1.1	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.32		0.32	0.32	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	331	N	6	2.8	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.3		1.3	1.3	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	18.9		0.3	0.32	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	73.6		0.6	0.32	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	94				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	CC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	BJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-2 3-4FT

Phoenix I.D.: BJ62119

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	35	35	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1221	ND	35	35	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1232	ND	35	35	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1242	ND	35	35	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1248	ND	35	35	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1254	ND	35	35	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1260	ND	35	35	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1262	ND	35	35	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1268	ND	35	35	ug/Kg	2	07/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	109			%	2	07/23/15	AW	30 - 150 %
% TCMX	105			%	2	07/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1	2.1	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	2	07/23/15	CE	SW8081B
a-BHC	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
a-Chlordane	ND	3.5	3.5	ug/Kg	2	07/23/15	CE	SW8081B
Aldrin	ND	3.5	3.5	ug/Kg	2	07/23/15	CE	SW8081B
b-BHC	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
d-BHC	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
Dieldrin	ND	3.5	3.5	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan I	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan II	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan sulfate	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
Endrin	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
Endrin aldehyde	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
Endrin ketone	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	07/23/15	CE	SW8081B
g-Chlordane	ND	3.5	3.5	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor epoxide	ND	7.1	7.1	ug/Kg	2	07/23/15	CE	SW8081B
Methoxychlor	ND	35	35	ug/Kg	2	07/23/15	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	07/23/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	91			%	2	07/23/15	CE	30 - 150 %
% TCMX	87			%	2	07/23/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	240	110	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	240	160	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	140	110	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	140	120	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	240	86	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-2 3-4FT

Phoenix I.D.: BJ62119

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	07/23/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	140	140	ug/Kg	1	07/23/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	140	110	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chloronaphthalene	ND	240	99	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chlorophenol	ND	240	99	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylnaphthalene	ND	240	100	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitroaniline	ND	1700	350	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitrophenol	ND	240	220	ug/Kg	1	07/23/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	240	140	ug/Kg	1	07/23/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	140	140	ug/Kg	1	07/23/15	DD	SW8270D	
3-Nitroaniline	ND	1700	760	ug/Kg	1	07/23/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	240	240	ug/Kg	1	07/23/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloroaniline	ND	700	160	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	240	120	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitroaniline	ND	1700	120	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitrophenol	ND	240	160	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthene	ND	240	110	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthylene	ND	140	97	ug/Kg	1	07/23/15	DD	SW8270D	
Acetophenone	ND	240	110	ug/Kg	1	07/23/15	DD	SW8270D	
Anthracene	ND	240	110	ug/Kg	1	07/23/15	DD	SW8270D	
Atrazine	ND	140	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benz(a)anthracene	ND	240	120	ug/Kg	1	07/23/15	DD	SW8270D	
Benzaldehyde	ND	240	100	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(a)pyrene	ND	140	110	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	240	120	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(ghi)perylene	ND	240	110	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	240	120	ug/Kg	1	07/23/15	DD	SW8270D	
Benzyl butyl phthalate	ND	240	90	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	240	96	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	140	94	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	240	97	ug/Kg	1	07/23/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	240	100	ug/Kg	1	07/23/15	DD	SW8270D	
Caprolactam	ND	240	240	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	1700	260	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	ND	240	120	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	140	110	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	240	100	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	240	110	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	240	110	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	240	92	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	240	90	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	ND	240	110	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	240	110	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	140	100	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	240	130	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	240	110	ug/Kg	1	07/23/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-2 3-4FT

Phoenix I.D.: BJ62119

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachloroethane	ND	140	100	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	240	120	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	140	97	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	240	100	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	140	120	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	240	98	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	140	110	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	140	130	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	240	130	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	ND	140	99	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	240	110	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	ND	240	120	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	76			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	73			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	57			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	72			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	68			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	81			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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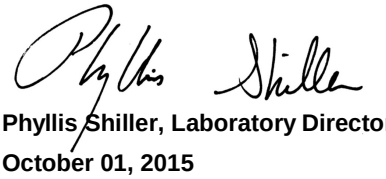

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	7:15
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62120

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-4 6FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	79			%		07/23/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100	100	ug/kg	1	07/23/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
2-Hexanone	ND	33	6.5	ug/Kg	1	07/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	33	6.5	ug/Kg	1	07/23/15	JLI	SW8260C
Acetone	ND	50	6.5	ug/Kg	1	07/23/15	JLI	SW8260C
Benzene	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
Bromochloromethane	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
Bromodichloromethane	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Bromoform	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Bromomethane	ND	6.5	2.6	ug/Kg	1	07/23/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-4 6FT

Phoenix I.D.: BJ62120

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon tetrachloride	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Chlorobenzene	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroethane	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroform	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
Chloromethane	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
Cyclohexane	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromochloromethane	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
Ethylbenzene	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
Isopropylbenzene	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
m&p-Xylene	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl ethyl ketone	ND	39	6.5	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	13	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Methylacetate	ND	6.5	3.3	ug/Kg	1	07/23/15	JLI	SW8260C
Methylcyclohexane	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Methylene chloride	ND	6.5	6.5	ug/Kg	1	07/23/15	JLI	SW8260C
o-Xylene	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Styrene	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
Tetrachloroethene	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Toluene	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
Total Xylenes	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
Trichloroethene	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorofluoromethane	ND	6.5	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
Vinyl chloride	ND	6.5	0.65	ug/Kg	1	07/23/15	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	07/23/15	JLI	70 - 130 %
% Bromofluorobenzene	94			%	1	07/23/15	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	07/23/15	JLI	70 - 130 %
% Toluene-d8	101			%	1	07/23/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed					07/24/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-4 6FT

Phoenix I.D.: BJ62120

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	7:15
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62121

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-4 6-7FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	21800		39	7.7	mg/Kg	10	07/23/15	LK	SW6010C
Antimony	< 1.9		1.9	1.9	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	7.5		0.8	0.77	mg/Kg	1	07/24/15	LK	SW6010C
Barium	159	N	0.8	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	1.15		0.31	0.15	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	29100		39	36	mg/Kg	10	07/23/15	LK	SW6010C
Cadmium	< 0.39		0.39	0.15	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	26.2		0.39	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	14.0		0.39	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Copper	32.8		0.39	0.39	mg/kg	1	07/24/15	LK	SW6010C
Iron	36000		39	39	mg/Kg	10	07/23/15	LK	SW6010C
Lead	13.6		0.8	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Magnesium	9780		39	39	mg/Kg	10	07/23/15	LK	SW6010C
Manganese	563		3.9	3.9	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	0.02	B	0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	28.3		0.39	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	4390	N	77	30	mg/Kg	10	07/23/15	LK	SW6010C
Selenium	< 1.5		1.5	1.3	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.39		0.39	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	1590	N	8	3.3	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.5		1.5	1.5	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	38.2		0.4	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	76.9		0.8	0.39	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	77				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	CC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	BJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-4 6-7FT

Phoenix I.D.: BJ62121

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	43	43	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1221	ND	43	43	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1232	ND	43	43	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1242	ND	43	43	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1248	ND	43	43	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1254	ND	43	43	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1260	ND	43	43	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1262	ND	43	43	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1268	ND	43	43	ug/Kg	2	07/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	106			%	2	07/23/15	AW	30 - 150 %
% TCMX	103			%	2	07/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.6	2.6	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDE	ND	2.6	2.6	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDT	ND	2.6	2.6	ug/Kg	2	07/23/15	CE	SW8081B
a-BHC	ND	8.6	8.6	ug/Kg	2	07/23/15	CE	SW8081B
a-Chlordane	ND	4.3	4.3	ug/Kg	2	07/23/15	CE	SW8081B
Aldrin	ND	4.3	4.3	ug/Kg	2	07/23/15	CE	SW8081B
b-BHC	ND	8.6	8.6	ug/Kg	2	07/23/15	CE	SW8081B
d-BHC	ND	8.6	8.6	ug/Kg	2	07/23/15	CE	SW8081B
Dieldrin	ND	4.3	4.3	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan I	ND	8.6	8.6	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan II	ND	8.6	8.6	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan sulfate	ND	8.6	8.6	ug/Kg	2	07/23/15	CE	SW8081B
Endrin	ND	8.6	8.6	ug/Kg	2	07/23/15	CE	SW8081B
Endrin aldehyde	ND	8.6	8.6	ug/Kg	2	07/23/15	CE	SW8081B
Endrin ketone	ND	8.6	8.6	ug/Kg	2	07/23/15	CE	SW8081B
g-BHC	ND	1.7	1.7	ug/Kg	2	07/23/15	CE	SW8081B
g-Chlordane	ND	4.3	4.3	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor	ND	8.6	8.6	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor epoxide	ND	8.6	8.6	ug/Kg	2	07/23/15	CE	SW8081B
Methoxychlor	ND	43	43	ug/Kg	2	07/23/15	CE	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	07/23/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	97			%	2	07/23/15	CE	30 - 150 %
% TCMX	95			%	2	07/23/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	300	200	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	300	240	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-4 6-7FT

Phoenix I.D.: BJ62121

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	300	300	ug/Kg	1	07/23/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chloronaphthalene	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chlorophenol	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylnaphthalene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	300	200	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitroaniline	ND	2200	430	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitrophenol	ND	300	270	ug/Kg	1	07/23/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	300	170	ug/Kg	1	07/23/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
3-Nitroaniline	ND	2200	940	ug/Kg	1	07/23/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	300	300	ug/Kg	1	07/23/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloroaniline	ND	860	200	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitroaniline	ND	2200	140	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitrophenol	ND	300	190	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthylene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Acetophenone	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Anthracene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Atrazine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
Benz(a)anthracene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzaldehyde	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(a)pyrene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(ghi)perylene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzyl butyl phthalate	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Caprolactam	ND	300	300	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	2200	330	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	300	160	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-4 6-7FT

Phoenix I.D.: BJ62121

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachloroethane	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	300	160	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	87			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	77			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	62			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	73			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	71			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	92			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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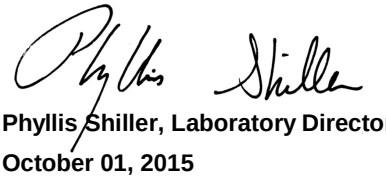

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	7:25
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62122

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-6 10FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	83				%		07/23/15	I	SW846-%Solid
1,4-dioxane									
1,4-dioxane	ND		100	100	ug/kg	1	07/23/15	JLI	SW8260C
Volatiles									
1,1,1-Trichloroethane	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethane	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethene	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromoethane	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloroethane	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloropropane	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
2-Hexanone	ND		31	6.1	ug/Kg	1	07/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND		31	6.1	ug/Kg	1	07/23/15	JLI	SW8260C
Acetone	43	JS	50	6.1	ug/Kg	1	07/23/15	JLI	SW8260C
Benzene	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
Bromochloromethane	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
Bromodichloromethane	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Bromoform	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Bromomethane	ND		6.1	2.5	ug/Kg	1	07/23/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-6 10FT

Phoenix I.D.: BJ62122

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon tetrachloride	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Chlorobenzene	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroethane	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroform	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
Chloromethane	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
Cyclohexane	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromochloromethane	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
Ethylbenzene	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
Isopropylbenzene	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
m&p-Xylene	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl ethyl ketone	12	J	37	6.1	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methylacetate	ND		6.1	3.1	ug/Kg	1	07/23/15	JLI	SW8260C
Methylcyclohexane	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methylene chloride	ND		6.1	6.1	ug/Kg	1	07/23/15	JLI	SW8260C
o-Xylene	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Styrene	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
Tetrachloroethene	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Toluene	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
Total Xylenes	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
Trichloroethene	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorofluoromethane	ND		6.1	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
Vinyl chloride	ND		6.1	0.61	ug/Kg	1	07/23/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101				%	1	07/23/15	JLI	70 - 130 %
% Bromofluorobenzene	88				%	1	07/23/15	JLI	70 - 130 %
% Dibromofluoromethane	98				%	1	07/23/15	JLI	70 - 130 %
% Toluene-d8	99				%	1	07/23/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						07/24/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-6 10FT

Phoenix I.D.: BJ62122

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	7:25
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62123

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-6 10-11FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	13700		41	8.3	mg/Kg	10	07/23/15	LK	SW6010C
Antimony	< 2.1		2.1	2.1	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	3.5		0.8	0.83	mg/Kg	1	07/24/15	LK	SW6010C
Barium	63.7	N	0.8	0.41	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	0.66		0.33	0.17	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	1310		4.1	3.8	mg/Kg	1	07/24/15	LK	SW6010C
Cadmium	< 0.41		0.41	0.17	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	14.8		0.41	0.41	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	8.54		0.41	0.41	mg/Kg	1	07/24/15	LK	SW6010C
Copper	26.3		0.41	0.41	mg/kg	1	07/24/15	LK	SW6010C
Iron	21400		41	41	mg/Kg	10	07/23/15	LK	SW6010C
Lead	69.3		0.8	0.41	mg/Kg	1	07/24/15	LK	SW6010C
Magnesium	3280		4.1	4.1	mg/Kg	1	07/24/15	LK	SW6010C
Manganese	661		4.1	4.1	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	0.07		0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	13.9		0.41	0.41	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	1700	N	8	3.2	mg/Kg	1	07/24/15	LK	SW6010C
Selenium	< 1.7		1.7	1.4	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.41		0.41	0.41	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	824	N	8	3.5	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.7		1.7	1.7	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	25.3		0.4	0.41	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	50.3		0.8	0.41	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	83				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	CC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	BJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	40	40	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1221	ND	40	40	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1232	ND	40	40	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1242	ND	40	40	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1248	ND	40	40	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1254	ND	40	40	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1260	ND	40	40	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1262	ND	40	40	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1268	ND	40	40	ug/Kg	2	07/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	86			%	2	07/23/15	AW	30 - 150 %
% TCMX	87			%	2	07/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.4	2.4	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	07/23/15	CE	SW8081B
a-BHC	ND	7.9	7.9	ug/Kg	2	07/23/15	CE	SW8081B
a-Chlordane	ND	4.0	4.0	ug/Kg	2	07/23/15	CE	SW8081B
Aldrin	ND	4.0	4.0	ug/Kg	2	07/23/15	CE	SW8081B
b-BHC	ND	7.9	7.9	ug/Kg	2	07/23/15	CE	SW8081B
d-BHC	ND	7.9	7.9	ug/Kg	2	07/23/15	CE	SW8081B
Dieldrin	ND	4.0	4.0	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan I	ND	7.9	7.9	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan II	ND	7.9	7.9	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	07/23/15	CE	SW8081B
Endrin	ND	7.9	7.9	ug/Kg	2	07/23/15	CE	SW8081B
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	07/23/15	CE	SW8081B
Endrin ketone	ND	7.9	7.9	ug/Kg	2	07/23/15	CE	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	07/23/15	CE	SW8081B
g-Chlordane	ND	4.0	4.0	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor	ND	7.9	7.9	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	07/23/15	CE	SW8081B
Methoxychlor	ND	40	40	ug/Kg	2	07/23/15	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	07/23/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	83			%	2	07/23/15	CE	30 - 150 %
% TCMX	82			%	2	07/23/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	280	120	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	280	190	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	160	130	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	160	140	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	280	99	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-6 10-11FT

Phoenix I.D.: BJ62123

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	07/23/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	160	160	ug/Kg	1	07/23/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	160	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chloronaphthalene	ND	280	110	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chlorophenol	ND	280	110	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylnaphthalene	ND	280	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitroaniline	ND	2000	400	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitrophenol	ND	280	250	ug/Kg	1	07/23/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	07/23/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	160	160	ug/Kg	1	07/23/15	DD	SW8270D	
3-Nitroaniline	ND	2000	870	ug/Kg	1	07/23/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	280	280	ug/Kg	1	07/23/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloroaniline	ND	800	190	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitroaniline	ND	2000	130	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitrophenol	ND	280	180	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthene	ND	280	120	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthylene	ND	160	110	ug/Kg	1	07/23/15	DD	SW8270D	
Acetophenone	ND	280	120	ug/Kg	1	07/23/15	DD	SW8270D	
Anthracene	ND	280	130	ug/Kg	1	07/23/15	DD	SW8270D	
Atrazine	ND	160	160	ug/Kg	1	07/23/15	DD	SW8270D	
Benz(a)anthracene	ND	280	130	ug/Kg	1	07/23/15	DD	SW8270D	
Benzaldehyde	ND	280	120	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(a)pyrene	ND	160	130	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	07/23/15	DD	SW8270D	
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	160	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	07/23/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	280	120	ug/Kg	1	07/23/15	DD	SW8270D	
Caprolactam	ND	280	280	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	2000	300	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	ND	280	130	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	160	130	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	280	120	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	280	130	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	280	120	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	280	110	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	280	100	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	ND	280	130	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	280	130	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	160	120	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	280	140	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	07/23/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-6 10-11FT

Phoenix I.D.: BJ62123

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachloroethane	ND	160	120	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	160	110	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	280	120	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	160	140	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	160	130	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	160	150	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	280	150	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	ND	160	110	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	280	130	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	ND	280	140	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	73			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	57			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	54			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	57			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	62			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	74			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	7:40
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62124

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-7 13FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87				%		07/23/15	I	SW846-%Solid
1,4-dioxane									
1,4-dioxane	ND		100	100	ug/kg	1	07/23/15	JLI	SW8260C
Volatiles									
1,1,1-Trichloroethane	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethane	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromoethane	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloroethane	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloropropane	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
2-Hexanone	ND		28	5.7	ug/Kg	1	07/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND		28	5.7	ug/Kg	1	07/23/15	JLI	SW8260C
Acetone	32	JS	50	5.7	ug/Kg	1	07/23/15	JLI	SW8260C
Benzene	80	J	280	28	ug/Kg	50	07/24/15	JLI	SW8260C
Bromochloromethane	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
Bromodichloromethane	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Bromoform	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Bromomethane	ND		5.7	2.3	ug/Kg	1	07/23/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-7 13FT

Phoenix I.D.: BJ62124

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon tetrachloride	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Chlorobenzene	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroethane	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroform	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
Chloromethane	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
Cyclohexane	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromochloromethane	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
Ethylbenzene	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
Isopropylbenzene	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
m&p-Xylene	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl ethyl ketone	7.5	J	34	5.7	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		11	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Methylacetate	ND		5.7	2.8	ug/Kg	1	07/23/15	JLI	SW8260C
Methylcyclohexane	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Methylene chloride	ND		5.7	5.7	ug/Kg	1	07/23/15	JLI	SW8260C
o-Xylene	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Styrene	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
Tetrachloroethene	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Toluene	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
Total Xylenes	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
Trichloroethene	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorofluoromethane	ND		5.7	1.1	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
Vinyl chloride	ND		5.7	0.57	ug/Kg	1	07/23/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	104				%	1	07/23/15	JLI	70 - 130 %
% Bromofluorobenzene	90				%	1	07/23/15	JLI	70 - 130 %
% Dibromofluoromethane	101				%	1	07/23/15	JLI	70 - 130 %
% Toluene-d8	96				%	1	07/23/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						07/24/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-7 13FT

Phoenix I.D.: BJ62124

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	7:40
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62125

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-7 13-14FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	29000		49	9.8	mg/Kg	10	07/23/15	LK	SW6010C
Antimony	< 2.5		2.5	2.5	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	6.9		1.0	0.98	mg/Kg	1	07/24/15	LK	SW6010C
Barium	166	N	1.0	0.49	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	1.66		0.39	0.20	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	20300		49	45	mg/Kg	10	07/23/15	LK	SW6010C
Cadmium	0.32	B	0.49	0.20	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	33.5		0.49	0.49	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	21.8		0.49	0.49	mg/Kg	1	07/24/15	LK	SW6010C
Copper	39.4		0.49	0.49	mg/kg	1	07/24/15	LK	SW6010C
Iron	58500		49	49	mg/Kg	10	07/23/15	LK	SW6010C
Lead	20.4		1.0	0.49	mg/Kg	1	07/24/15	LK	SW6010C
Magnesium	9510		49	49	mg/Kg	10	07/23/15	LK	SW6010C
Manganese	2260		49	49	mg/Kg	100	07/23/15	LK	SW6010C
Mercury	0.10		0.04	0.03	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	38.3		0.49	0.49	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	5300	N	98	38	mg/Kg	10	07/23/15	LK	SW6010C
Selenium	< 2.0		2.0	1.7	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.49		0.49	0.49	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	1800	N	10	4.2	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 2.0		2.0	2.0	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	53.5		0.5	0.49	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	106		1.0	0.49	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	60				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	CC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	BJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-7 13-14FT

Phoenix I.D.: BJ62125

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	55	55	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1221	ND	55	55	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1232	ND	55	55	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1242	ND	55	55	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1248	ND	55	55	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1254	ND	55	55	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1260	ND	55	55	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1262	ND	55	55	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1268	ND	55	55	ug/Kg	2	07/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	83			%	2	07/23/15	AW	30 - 150 %
% TCMX	84			%	2	07/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.8	2.8	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDE	ND	2.8	2.8	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDT	ND	2.8	2.8	ug/Kg	2	07/23/15	CE	SW8081B
a-BHC	ND	11	11	ug/Kg	2	07/23/15	CE	SW8081B
a-Chlordane	ND	5.5	5.5	ug/Kg	2	07/23/15	CE	SW8081B
Aldrin	ND	1.7	1.7	ug/Kg	2	07/23/15	CE	SW8081B
b-BHC	ND	11	11	ug/Kg	2	07/23/15	CE	SW8081B
d-BHC	ND	11	11	ug/Kg	2	07/23/15	CE	SW8081B
Dieldrin	ND	1.7	1.7	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan I	ND	11	11	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan II	ND	11	11	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan sulfate	ND	11	11	ug/Kg	2	07/23/15	CE	SW8081B
Endrin	ND	11	11	ug/Kg	2	07/23/15	CE	SW8081B
Endrin aldehyde	ND	11	11	ug/Kg	2	07/23/15	CE	SW8081B
Endrin ketone	ND	11	11	ug/Kg	2	07/23/15	CE	SW8081B
g-BHC	ND	2.2	2.2	ug/Kg	2	07/23/15	CE	SW8081B
g-Chlordane	ND	5.5	5.5	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor	ND	11	11	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor epoxide	ND	11	11	ug/Kg	2	07/23/15	CE	SW8081B
Methoxychlor	ND	55	55	ug/Kg	2	07/23/15	CE	SW8081B
Toxaphene	ND	220	220	ug/Kg	2	07/23/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	82			%	2	07/23/15	CE	30 - 150 %
% TCMX	71			%	2	07/23/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	380	160	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	380	190	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	380	250	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	380	300	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	220	170	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	220	190	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	380	130	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-7 13-14FT

Phoenix I.D.: BJ62125

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	380	380	ug/Kg	1	07/23/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	220	210	ug/Kg	1	07/23/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	220	170	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chloronaphthalene	ND	380	150	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chlorophenol	ND	380	150	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylnaphthalene	ND	380	160	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	330	250	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitroaniline	ND	2700	540	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitrophenol	ND	380	340	ug/Kg	1	07/23/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	380	210	ug/Kg	1	07/23/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	220	220	ug/Kg	1	07/23/15	DD	SW8270D	
3-Nitroaniline	ND	2700	1200	ug/Kg	1	07/23/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	380	380	ug/Kg	1	07/23/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	380	160	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	380	190	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloroaniline	ND	1100	250	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	380	180	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitroaniline	ND	2700	180	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitrophenol	ND	380	240	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthene	ND	380	160	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthylene	ND	220	150	ug/Kg	1	07/23/15	DD	SW8270D	
Acetophenone	ND	380	170	ug/Kg	1	07/23/15	DD	SW8270D	
Anthracene	ND	380	180	ug/Kg	1	07/23/15	DD	SW8270D	
Atrazine	ND	220	220	ug/Kg	1	07/23/15	DD	SW8270D	
Benz(a)anthracene	ND	380	180	ug/Kg	1	07/23/15	DD	SW8270D	
Benzaldehyde	ND	380	160	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(a)pyrene	ND	220	180	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	380	180	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(ghi)perylene	ND	380	170	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	380	180	ug/Kg	1	07/23/15	DD	SW8270D	
Benzyl butyl phthalate	ND	380	140	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	380	150	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	220	150	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	380	150	ug/Kg	1	07/23/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	380	160	ug/Kg	1	07/23/15	DD	SW8270D	
Caprolactam	ND	380	380	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	2700	410	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	ND	380	180	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	220	170	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	380	160	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	380	170	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	380	170	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	380	140	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	380	140	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	ND	380	170	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	380	180	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	220	160	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	380	200	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	380	160	ug/Kg	1	07/23/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-7 13-14FT

Phoenix I.D.: BJ62125

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachloroethane	ND	220	160	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	380	180	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	220	150	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	380	160	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	220	190	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	380	150	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	220	170	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	220	210	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	380	200	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	ND	220	150	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	330	170	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	ND	380	190	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	97			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	72			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	54			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	64			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	67			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	99			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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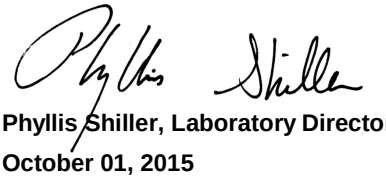

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	8:00
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62126

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-11 25FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	29900		470	94	mg/Kg	100	07/24/15	LK	SW6010C
Antimony	< 2.3		2.3	2.3	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	9.5		0.9	0.94	mg/Kg	1	07/24/15	LK	SW6010C
Barium	191	N	0.9	0.47	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	1.61		0.38	0.19	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	5490		4.7	4.3	mg/Kg	1	07/24/15	LK	SW6010C
Cadmium	< 0.47		0.47	0.19	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	28.9		0.47	0.47	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	20.3		0.47	0.47	mg/Kg	1	07/24/15	LK	SW6010C
Copper	36.1		0.47	0.47	mg/kg	1	07/24/15	LK	SW6010C
Iron	50400		47	47	mg/Kg	10	07/23/15	LK	SW6010C
Lead	76.5		0.9	0.47	mg/Kg	1	07/24/15	LK	SW6010C
Magnesium	8470		47	47	mg/Kg	10	07/23/15	LK	SW6010C
Manganese	355		4.7	4.7	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	0.06		0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	38.2		0.47	0.47	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	4750	N	94	37	mg/Kg	10	07/23/15	LK	SW6010C
Selenium	< 1.9		1.9	1.6	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.47		0.47	0.47	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	1220	N	9	4.0	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.9		1.9	1.9	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	47.9		0.5	0.47	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	103		0.9	0.47	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	72				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	BJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-11 25FT

Phoenix I.D.: BJ62126

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	46	46	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1221	ND	46	46	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1232	ND	46	46	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1242	ND	46	46	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1248	ND	46	46	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1254	ND	46	46	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1260	ND	46	46	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1262	ND	46	46	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1268	ND	46	46	ug/Kg	2	07/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	102			%	2	07/23/15	AW	30 - 150 %
% TCMX	98			%	2	07/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.7	2.7	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDE	ND	2.7	2.7	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDT	ND	2.7	2.7	ug/Kg	2	07/23/15	CE	SW8081B
a-BHC	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
a-Chlordane	ND	4.6	4.6	ug/Kg	2	07/23/15	CE	SW8081B
Aldrin	ND	4.6	4.6	ug/Kg	2	07/23/15	CE	SW8081B
b-BHC	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
d-BHC	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
Dieldrin	ND	4.6	4.6	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan I	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan II	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan sulfate	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
Endrin	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
Endrin aldehyde	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
Endrin ketone	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
g-BHC	ND	1.8	1.8	ug/Kg	2	07/23/15	CE	SW8081B
g-Chlordane	ND	4.6	4.6	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor epoxide	ND	9.1	9.1	ug/Kg	2	07/23/15	CE	SW8081B
Methoxychlor	ND	46	46	ug/Kg	2	07/23/15	CE	SW8081B
Toxaphene	ND	180	180	ug/Kg	2	07/23/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	96			%	2	07/23/15	CE	30 - 150 %
% TCMX	85			%	2	07/23/15	CE	30 - 150 %
1,4-dioxane								
1,4-dioxane	ND	100	100	ug/kg	1	07/23/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-11 25FT

Phoenix I.D.: BJ62126

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromoethane	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloroethane	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloropropane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
2-Hexanone	ND		35	7.0	ug/Kg	1	07/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND		35	7.0	ug/Kg	1	07/23/15	JLI	SW8260C
Acetone	83	S	50	7.0	ug/Kg	1	07/23/15	JLI	SW8260C
Benzene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Bromochloromethane	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Bromodichloromethane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Bromoform	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Bromomethane	ND		7.0	2.8	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon Disulfide	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon tetrachloride	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Chlorobenzene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroethane	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroform	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Chloromethane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Cyclohexane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromochloromethane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Ethylbenzene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Isopropylbenzene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
m&p-Xylene	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl ethyl ketone	17	J	42	7.0	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		14	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Methylacetate	ND		7.0	3.5	ug/Kg	1	07/23/15	JLI	SW8260C
Methylcyclohexane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Methylene chloride	ND		7.0	7.0	ug/Kg	1	07/23/15	JLI	SW8260C
o-Xylene	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Styrene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Tetrachloroethene	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Toluene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Total Xylenes	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Trichloroethene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorofluoromethane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Vinyl chloride	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	100			%	1	07/23/15	JLI	70 - 130 %
% Bromofluorobenzene	89			%	1	07/23/15	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	07/23/15	JLI	70 - 130 %
% Toluene-d8	101			%	1	07/23/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed					07/24/15	JLI	

Semivolatiles

1,1-Biphenyl	ND	320	140	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	320	160	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	320	210	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	320	250	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	180	150	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	180	160	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	320	110	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dinitrophenol	ND	320	320	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dinitrotoluene	ND	180	180	ug/Kg	1	07/23/15	DD	SW8270D
2,6-Dinitrotoluene	ND	180	140	ug/Kg	1	07/23/15	DD	SW8270D
2-Chloronaphthalene	ND	320	130	ug/Kg	1	07/23/15	DD	SW8270D
2-Chlorophenol	ND	320	130	ug/Kg	1	07/23/15	DD	SW8270D
2-Methylnaphthalene	ND	320	140	ug/Kg	1	07/23/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	320	210	ug/Kg	1	07/23/15	DD	SW8270D
2-Nitroaniline	ND	2300	460	ug/Kg	1	07/23/15	DD	SW8270D
2-Nitrophenol	ND	320	290	ug/Kg	1	07/23/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	320	180	ug/Kg	1	07/23/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	180	180	ug/Kg	1	07/23/15	DD	SW8270D
3-Nitroaniline	ND	2300	990	ug/Kg	1	07/23/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	320	320	ug/Kg	1	07/23/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	320	130	ug/Kg	1	07/23/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	320	160	ug/Kg	1	07/23/15	DD	SW8270D
4-Chloroaniline	ND	910	210	ug/Kg	1	07/23/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	320	150	ug/Kg	1	07/23/15	DD	SW8270D
4-Nitroaniline	ND	2300	150	ug/Kg	1	07/23/15	DD	SW8270D
4-Nitrophenol	ND	320	210	ug/Kg	1	07/23/15	DD	SW8270D
Acenaphthene	ND	320	140	ug/Kg	1	07/23/15	DD	SW8270D
Acenaphthylene	ND	180	130	ug/Kg	1	07/23/15	DD	SW8270D
Acetophenone	ND	320	140	ug/Kg	1	07/23/15	DD	SW8270D
Anthracene	ND	320	150	ug/Kg	1	07/23/15	DD	SW8270D
Atrazine	ND	180	180	ug/Kg	1	07/23/15	DD	SW8270D
Benz(a)anthracene	ND	320	150	ug/Kg	1	07/23/15	DD	SW8270D
Benzaldehyde	ND	320	130	ug/Kg	1	07/23/15	DD	SW8270D
Benzo(a)pyrene	ND	180	150	ug/Kg	1	07/23/15	DD	SW8270D
Benzo(b)fluoranthene	ND	320	160	ug/Kg	1	07/23/15	DD	SW8270D
Benzo(ghi)perylene	ND	320	150	ug/Kg	1	07/23/15	DD	SW8270D
Benzo(k)fluoranthene	ND	320	150	ug/Kg	1	07/23/15	DD	SW8270D
Benzyl butyl phthalate	ND	320	120	ug/Kg	1	07/23/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	320	130	ug/Kg	1	07/23/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	180	120	ug/Kg	1	07/23/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	320	130	ug/Kg	1	07/23/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	320	130	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-11 25FT

Phoenix I.D.: BJ62126

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Caprolactam	ND	320	320	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	2300	340	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	ND	320	150	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	180	150	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	320	130	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	320	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	320	140	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	320	120	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	320	120	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	ND	320	150	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	320	150	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	180	130	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	320	160	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	320	140	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachloroethane	ND	180	140	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	320	150	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	180	130	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	320	130	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	180	160	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	320	130	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	150	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	180	170	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	320	170	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	ND	180	130	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	320	150	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	ND	320	160	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	91			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	71			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	68			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	68			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	78			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	93			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-11 25FT

Phoenix I.D.: BJ62126

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	8:20
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62127

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-9A 17.5FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	74				%		07/23/15	I	SW846-%Solid
1,4-dioxane									
1,4-dioxane	ND		100	100	ug/kg	1	07/23/15	JLI	SW8260C
Volatiles									
1,1,1-Trichloroethane	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromoethane	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloroethane	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloropropane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
2-Hexanone	ND		35	7.0	ug/Kg	1	07/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND		35	7.0	ug/Kg	1	07/23/15	JLI	SW8260C
Acetone	35	JS	50	7.0	ug/Kg	1	07/23/15	JLI	SW8260C
Benzene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Bromochloromethane	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Bromodichloromethane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Bromoform	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Bromomethane	ND		7.0	2.8	ug/Kg	1	07/23/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-9A 17.5FT

Phoenix I.D.: BJ62127

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon tetrachloride	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Chlorobenzene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroethane	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroform	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Chloromethane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	2.0	J	7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Cyclohexane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromochloromethane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Ethylbenzene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Isopropylbenzene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
m&p-Xylene	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl ethyl ketone	ND		42	7.0	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		14	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Methylacetate	ND		7.0	3.5	ug/Kg	1	07/23/15	JLI	SW8260C
Methylcyclohexane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Methylene chloride	ND		7.0	7.0	ug/Kg	1	07/23/15	JLI	SW8260C
o-Xylene	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Styrene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Tetrachloroethene	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Toluene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Total Xylenes	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Trichloroethene	2.0	J	7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorofluoromethane	ND		7.0	1.4	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
Vinyl chloride	ND		7.0	0.70	ug/Kg	1	07/23/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	103				%	1	07/23/15	JLI	70 - 130 %
% Bromofluorobenzene	92				%	1	07/23/15	JLI	70 - 130 %
% Dibromofluoromethane	96				%	1	07/23/15	JLI	70 - 130 %
% Toluene-d8	99				%	1	07/23/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						07/24/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-9A 17.5FT

Phoenix I.D.: BJ62127

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	8:20
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62128

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-9A 16.5-17.5FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	28600		440	88	mg/Kg	100	07/24/15	LK	SW6010C
Antimony	< 2.2		2.2	2.2	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	6.4		0.9	0.88	mg/Kg	1	07/24/15	LK	SW6010C
Barium	192	N	0.9	0.44	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	1.48		0.35	0.18	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	4910		4.4	4.0	mg/Kg	1	07/24/15	LK	SW6010C
Cadmium	< 0.44		0.44	0.18	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	31.8		0.44	0.44	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	18.1		0.44	0.44	mg/Kg	1	07/24/15	LK	SW6010C
Copper	37.6		0.44	0.44	mg/kg	1	07/24/15	LK	SW6010C
Iron	42800		44	44	mg/Kg	10	07/23/15	LK	SW6010C
Lead	15.6		0.9	0.44	mg/Kg	1	07/24/15	LK	SW6010C
Magnesium	8260		44	44	mg/Kg	10	07/23/15	LK	SW6010C
Manganese	357		4.4	4.4	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	0.68		0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	36.7		0.44	0.44	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	4720	N	88	34	mg/Kg	10	07/23/15	LK	SW6010C
Selenium	< 1.8		1.8	1.5	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.44		0.44	0.44	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	1170	N	9	3.8	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.8		1.8	1.8	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	45.6		0.4	0.44	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	97.2		0.9	0.44	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	74				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	BJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-9A 16.5-17.5FT

Phoenix I.D.: BJ62128

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	44	44	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1221	ND	44	44	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1232	ND	44	44	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1242	ND	44	44	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1248	ND	44	44	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1254	ND	44	44	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1260	ND	44	44	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1262	ND	44	44	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1268	ND	44	44	ug/Kg	2	07/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	91			%	2	07/23/15	AW	30 - 150 %
% TCMX	90			%	2	07/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.6	2.6	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDE	ND	2.6	2.6	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDT	ND	2.6	2.6	ug/Kg	2	07/23/15	CE	SW8081B
a-BHC	ND	8.7	8.7	ug/Kg	2	07/23/15	CE	SW8081B
a-Chlordane	ND	4.4	4.4	ug/Kg	2	07/23/15	CE	SW8081B
Aldrin	ND	4.4	4.4	ug/Kg	2	07/23/15	CE	SW8081B
b-BHC	ND	8.7	8.7	ug/Kg	2	07/23/15	CE	SW8081B
d-BHC	ND	8.7	8.7	ug/Kg	2	07/23/15	CE	SW8081B
Dieldrin	ND	4.4	4.4	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan I	ND	8.7	8.7	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan II	ND	8.7	8.7	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan sulfate	ND	8.7	8.7	ug/Kg	2	07/23/15	CE	SW8081B
Endrin	ND	8.7	8.7	ug/Kg	2	07/23/15	CE	SW8081B
Endrin aldehyde	ND	8.7	8.7	ug/Kg	2	07/23/15	CE	SW8081B
Endrin ketone	ND	8.7	8.7	ug/Kg	2	07/23/15	CE	SW8081B
g-BHC	ND	1.7	1.7	ug/Kg	2	07/23/15	CE	SW8081B
g-Chlordane	ND	4.4	4.4	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor	ND	8.7	8.7	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor epoxide	ND	8.7	8.7	ug/Kg	2	07/23/15	CE	SW8081B
Methoxychlor	ND	44	44	ug/Kg	2	07/23/15	CE	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	07/23/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	92			%	2	07/23/15	CE	30 - 150 %
% TCMX	89			%	2	07/23/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	310	200	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	310	240	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	180	140	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	180	150	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	310	110	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-9A 16.5-17.5FT

Phoenix I.D.: BJ62128

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	310	310	ug/Kg	1	07/23/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	180	170	ug/Kg	1	07/23/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	180	140	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chloronaphthalene	ND	310	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chlorophenol	ND	310	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylnaphthalene	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	310	210	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitroaniline	ND	2200	440	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitrophenol	ND	310	280	ug/Kg	1	07/23/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	310	170	ug/Kg	1	07/23/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	180	180	ug/Kg	1	07/23/15	DD	SW8270D	
3-Nitroaniline	ND	2200	950	ug/Kg	1	07/23/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	310	310	ug/Kg	1	07/23/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloroaniline	ND	880	200	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitroaniline	ND	2200	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitrophenol	ND	310	200	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthene	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthylene	ND	180	120	ug/Kg	1	07/23/15	DD	SW8270D	
Acetophenone	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Anthracene	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Atrazine	ND	180	180	ug/Kg	1	07/23/15	DD	SW8270D	
Benz(a)anthracene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
Benzaldehyde	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(a)pyrene	ND	180	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(ghi)perylene	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
Benzyl butyl phthalate	ND	310	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	310	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	180	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	310	120	ug/Kg	1	07/23/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
Caprolactam	ND	310	310	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	2200	330	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	180	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	310	120	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	310	110	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	180	130	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	310	160	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-9A 16.5-17.5FT

Phoenix I.D.: BJ62128

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachloroethane	ND	180	130	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	180	120	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	180	150	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	310	120	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	140	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	180	170	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	310	170	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	ND	180	130	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	55			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	50			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	41			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	47			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	45			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	59			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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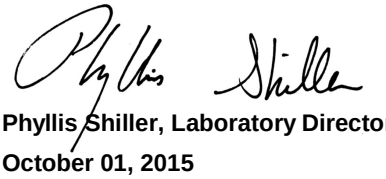

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	8:35
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62129

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-9C 17.6FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87				%		07/23/15	I	SW846-%Solid
1,4-dioxane									
1,4-dioxane	ND		100	100	ug/kg	1	07/23/15	JLI	SW8260C
Volatiles									
1,1,1-Trichloroethane	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromoethane	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloroethane	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloropropane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
2-Hexanone	ND		29	5.8	ug/Kg	1	07/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND		29	5.8	ug/Kg	1	07/23/15	JLI	SW8260C
Acetone	23	JS	50	5.8	ug/Kg	1	07/23/15	JLI	SW8260C
Benzene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Bromochloromethane	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Bromodichloromethane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Bromoform	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Bromomethane	ND		5.8	2.3	ug/Kg	1	07/23/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-9C 17.6FT

Phoenix I.D.: BJ62129

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	2.1	J	5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon tetrachloride	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Chlorobenzene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroethane	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroform	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Chloromethane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	2.8	J	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Cyclohexane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromochloromethane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Ethylbenzene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Isopropylbenzene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
m&p-Xylene	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl ethyl ketone	ND		35	5.8	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methylacetate	ND		5.8	2.9	ug/Kg	1	07/23/15	JLI	SW8260C
Methylcyclohexane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Methylene chloride	ND		5.8	5.8	ug/Kg	1	07/23/15	JLI	SW8260C
o-Xylene	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Styrene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Tetrachloroethene	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Toluene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Total Xylenes	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Trichloroethene	2.8	J	5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorofluoromethane	ND		5.8	1.2	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
Vinyl chloride	ND		5.8	0.58	ug/Kg	1	07/23/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	114				%	1	07/23/15	JLI	70 - 130 %
% Bromofluorobenzene	87				%	1	07/23/15	JLI	70 - 130 %
% Dibromofluoromethane	101				%	1	07/23/15	JLI	70 - 130 %
% Toluene-d8	99				%	1	07/23/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						07/24/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-9C 17.6FT

Phoenix I.D.: BJ62129

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	8:35
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62130

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-9C 17.6-18FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	24600		44	8.8	mg/Kg	10	07/23/15	LK	SW6010C
Antimony	< 2.2		2.2	2.2	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	9.0		0.9	0.88	mg/Kg	1	07/24/15	LK	SW6010C
Barium	166	N	0.9	0.44	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	1.30		0.35	0.18	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	15600		44	40	mg/Kg	10	07/23/15	LK	SW6010C
Cadmium	< 0.44		0.44	0.18	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	29.2		0.44	0.44	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	16.6		0.44	0.44	mg/Kg	1	07/24/15	LK	SW6010C
Copper	29.6		0.44	0.44	mg/kg	1	07/24/15	LK	SW6010C
Iron	36100		44	44	mg/Kg	10	07/23/15	LK	SW6010C
Lead	22.5		0.9	0.44	mg/Kg	1	07/24/15	LK	SW6010C
Magnesium	8470		44	44	mg/Kg	10	07/23/15	LK	SW6010C
Manganese	458		4.4	4.4	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	0.05		0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	30.5		0.44	0.44	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	3910	N	88	34	mg/Kg	10	07/23/15	LK	SW6010C
Selenium	< 1.8		1.8	1.5	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.44		0.44	0.44	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	747	N	9	3.8	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.8		1.8	1.8	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	42.0		0.4	0.44	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	82.2		0.9	0.44	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	76				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	BJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-9C 17.6-18FT

Phoenix I.D.: BJ62130

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1221	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1232	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1242	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1248	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1254	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1260	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1262	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1268	ND	42	42	ug/Kg	2	07/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	106			%	2	07/23/15	AW	30 - 150 %
% TCMX	106			%	2	07/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.5	2.5	ug/Kg	2	07/24/15	CE	SW8081B
4,4' -DDE	ND	2.5	2.5	ug/Kg	2	07/24/15	CE	SW8081B
4,4' -DDT	ND	2.5	2.5	ug/Kg	2	07/24/15	CE	SW8081B
a-BHC	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
a-Chlordane	ND	4.2	4.2	ug/Kg	2	07/24/15	CE	SW8081B
Aldrin	ND	4.2	4.2	ug/Kg	2	07/24/15	CE	SW8081B
b-BHC	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
d-BHC	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
Dieldrin	ND	4.2	4.2	ug/Kg	2	07/24/15	CE	SW8081B
Endosulfan I	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
Endosulfan II	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
Endosulfan sulfate	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
Endrin	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
Endrin aldehyde	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
Endrin ketone	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
g-BHC	ND	1.7	1.7	ug/Kg	2	07/24/15	CE	SW8081B
g-Chlordane	ND	4.2	4.2	ug/Kg	2	07/24/15	CE	SW8081B
Heptachlor	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
Heptachlor epoxide	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
Methoxychlor	ND	42	42	ug/Kg	2	07/24/15	CE	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	07/24/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	81			%	2	07/24/15	CE	30 - 150 %
% TCMX	82			%	2	07/24/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	300	200	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	300	240	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-9C 17.6-18FT

Phoenix I.D.: BJ62130

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	300	300	ug/Kg	1	07/23/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chloronaphthalene	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chlorophenol	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylnaphthalene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	300	200	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitroaniline	ND	2200	440	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitrophenol	ND	300	270	ug/Kg	1	07/23/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	300	170	ug/Kg	1	07/23/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
3-Nitroaniline	ND	2200	940	ug/Kg	1	07/23/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	300	300	ug/Kg	1	07/23/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloroaniline	ND	870	200	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitroaniline	ND	2200	140	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitrophenol	ND	300	200	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthylene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Acetophenone	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Anthracene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Atrazine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
Benz(a)anthracene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
Benzaldehyde	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(a)pyrene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(ghi)perylene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzyl butyl phthalate	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Caprolactam	ND	300	300	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	2200	330	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	300	160	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-9C 17.6-18FT

Phoenix I.D.: BJ62130

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachloroethane	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	300	160	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	76			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	64			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	54			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	62			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	61			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	80			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	8:50
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62131

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-10 18.1FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	76				%		07/23/15	I	SW846-%Solid
1,4-dioxane									
1,4-dioxane	ND		100	100	ug/kg	1	07/23/15	JLI	SW8260C
Volatiles									
1,1,1-Trichloroethane	ND		6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND		6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND		6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethane	ND		6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethene	ND		6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND		6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND		6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND		6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dibromoethane	ND		6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND		6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloroethane	ND		6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloropropane	ND		6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND		6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND		6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
2-Hexanone	ND		33	6.6	ug/Kg	1	07/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND		33	6.6	ug/Kg	1	07/23/15	JLI	SW8260C
Acetone	26	JS	50	6.6	ug/Kg	1	07/23/15	JLI	SW8260C
Benzene	ND		6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
Bromochloromethane	ND		6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
Bromodichloromethane	ND		6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Bromoform	ND		6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Bromomethane	ND		6.6	2.7	ug/Kg	1	07/23/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-10 18.1FT

Phoenix I.D.: BJ62131

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon tetrachloride	ND	6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Chlorobenzene	ND	6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroethane	ND	6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroform	ND	6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
Chloromethane	ND	6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
Cyclohexane	ND	6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromochloromethane	ND	6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND	6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
Ethylbenzene	ND	6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
Isopropylbenzene	ND	6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
m&p-Xylene	ND	6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl ethyl ketone	ND	40	6.6	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	13	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Methylacetate	ND	6.6	3.3	ug/Kg	1	07/23/15	JLI	SW8260C
Methylcyclohexane	ND	6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Methylene chloride	ND	6.6	6.6	ug/Kg	1	07/23/15	JLI	SW8260C
o-Xylene	ND	6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Styrene	ND	6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
Tetrachloroethene	ND	6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Toluene	ND	6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
Total Xylenes	ND	6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
Trichloroethene	ND	6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorofluoromethane	ND	6.6	1.3	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
Vinyl chloride	ND	6.6	0.66	ug/Kg	1	07/23/15	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	1	07/23/15	JLI	70 - 130 %
% Bromofluorobenzene	95			%	1	07/23/15	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	07/23/15	JLI	70 - 130 %
% Toluene-d8	103			%	1	07/23/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed					07/24/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-10 18.1FT

Phoenix I.D.: BJ62131

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	8:50
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62132

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-10 18.1-19FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	18400		40	8.0	mg/Kg	10	07/23/15	LK	SW6010C
Antimony	< 2.0		2.0	2.0	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	8.2		0.8	0.80	mg/Kg	1	07/24/15	LK	SW6010C
Barium	133	N	0.8	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	0.92		0.32	0.16	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	30700		40	37	mg/Kg	10	07/23/15	LK	SW6010C
Cadmium	0.19	B	0.40	0.16	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	22.6		0.40	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	12.6		0.40	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Copper	30.5		0.40	0.40	mg/kg	1	07/24/15	LK	SW6010C
Iron	33600		40	40	mg/Kg	10	07/23/15	LK	SW6010C
Lead	13.5		0.8	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Magnesium	9560		40	40	mg/Kg	10	07/23/15	LK	SW6010C
Manganese	490		4.0	4.0	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	0.04		0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	30.6		0.40	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	3590	N	80	31	mg/Kg	10	07/23/15	LK	SW6010C
Selenium	< 1.6		1.6	1.4	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.40		0.40	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	601	N	8	3.5	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.6		1.6	1.6	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	31.3		0.4	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	66.4		0.8	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	75				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	BJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-10 18.1-19FT

Phoenix I.D.: BJ62132

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	44	44	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1221	ND	44	44	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1232	ND	44	44	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1242	ND	44	44	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1248	ND	44	44	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1254	ND	44	44	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1260	ND	44	44	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1262	ND	44	44	ug/Kg	2	07/23/15	AW	SW8082A
PCB-1268	ND	44	44	ug/Kg	2	07/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	101			%	2	07/23/15	AW	30 - 150 %
% TCMX	94			%	2	07/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.6	2.6	ug/Kg	2	07/24/15	CE	SW8081B
4,4' -DDE	ND	2.6	2.6	ug/Kg	2	07/24/15	CE	SW8081B
4,4' -DDT	ND	2.6	2.6	ug/Kg	2	07/24/15	CE	SW8081B
a-BHC	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
a-Chlordane	ND	4.4	4.4	ug/Kg	2	07/24/15	CE	SW8081B
Aldrin	ND	4.4	4.4	ug/Kg	2	07/24/15	CE	SW8081B
b-BHC	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
d-BHC	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
Dieldrin	ND	4.4	4.4	ug/Kg	2	07/24/15	CE	SW8081B
Endosulfan I	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
Endosulfan II	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
Endosulfan sulfate	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
Endrin	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
Endrin aldehyde	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
Endrin ketone	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
g-BHC	ND	1.8	1.8	ug/Kg	2	07/24/15	CE	SW8081B
g-Chlordane	ND	4.4	4.4	ug/Kg	2	07/24/15	CE	SW8081B
Heptachlor	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
Heptachlor epoxide	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
Methoxychlor	ND	44	44	ug/Kg	2	07/24/15	CE	SW8081B
Toxaphene	ND	180	180	ug/Kg	2	07/24/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	86			%	2	07/24/15	CE	30 - 150 %
% TCMX	81			%	2	07/24/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	310	200	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	310	240	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	310	110	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-10 18.1-19FT

Phoenix I.D.: BJ62132

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	310	310	ug/Kg	1	07/23/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chloronaphthalene	ND	310	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chlorophenol	ND	310	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylnaphthalene	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	310	200	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitroaniline	ND	2200	440	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitrophenol	ND	310	280	ug/Kg	1	07/23/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	310	170	ug/Kg	1	07/23/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
3-Nitroaniline	ND	2200	950	ug/Kg	1	07/23/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	310	310	ug/Kg	1	07/23/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloroaniline	ND	870	200	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitroaniline	ND	2200	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitrophenol	ND	310	200	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthene	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthylene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Acetophenone	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Anthracene	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Atrazine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
Benz(a)anthracene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
Benzaldehyde	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(a)pyrene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(ghi)perylene	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzyl butyl phthalate	ND	310	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	310	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	310	120	ug/Kg	1	07/23/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
Caprolactam	ND	310	310	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	2200	330	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	310	120	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	310	110	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	310	160	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-6 S-10 18.1-19FT

Phoenix I.D.: BJ62132

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachloroethane	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	310	130	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	310	120	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	310	160	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	310	140	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	ND	310	150	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	63			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	52			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	42			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	47			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	48			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	78			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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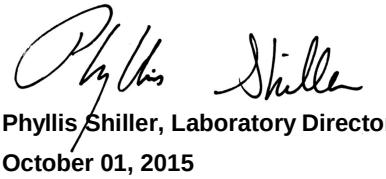

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	12:30
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62133

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-2A 3.5FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	81			%		07/23/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100	100	ug/kg	1	07/24/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
2-Hexanone	ND	31	6.2	ug/Kg	1	07/24/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	31	6.2	ug/Kg	1	07/24/15	JLI	SW8260C
Acetone	ND	50	6.2	ug/Kg	1	07/24/15	JLI	SW8260C
Benzene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Bromochloromethane	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Bromodichloromethane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Bromoform	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Bromomethane	ND	6.2	2.5	ug/Kg	1	07/24/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-2A 3.5FT

Phoenix I.D.: BJ62133

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Carbon tetrachloride	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Chlorobenzene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Chloroethane	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Chloroform	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Chloromethane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Cyclohexane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Dibromochloromethane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Dichlorodifluoromethane	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Ethylbenzene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Isopropylbenzene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
m&p-Xylene	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Methyl ethyl ketone	ND	37	6.2	ug/Kg	1	07/24/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Methylacetate	ND	6.2	3.1	ug/Kg	1	07/24/15	JLI	SW8260C
Methylcyclohexane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Methylene chloride	ND	6.2	6.2	ug/Kg	1	07/24/15	JLI	SW8260C
o-Xylene	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Styrene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Tetrachloroethene	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Toluene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Total Xylenes	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Trichloroethene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Trichlorofluoromethane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Vinyl chloride	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	1	07/24/15	JLI	70 - 130 %
% Bromofluorobenzene	95			%	1	07/24/15	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	07/24/15	JLI	70 - 130 %
% Toluene-d8	103			%	1	07/24/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed					07/24/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-2A 3.5FT

Phoenix I.D.: BJ62133

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	12:30
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62134

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-2A 3-4FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	17400		40	7.9	mg/Kg	10	07/23/15	LK	SW6010C
Antimony	< 2.0		2.0	2.0	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	8.2		0.8	0.79	mg/Kg	1	07/24/15	LK	SW6010C
Barium	135	N	0.8	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	1.00		0.32	0.16	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	4740		4.0	3.6	mg/Kg	1	07/24/15	LK	SW6010C
Cadmium	< 0.40		0.40	0.16	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	20.2		0.40	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	12.0		0.40	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Copper	31.9		0.40	0.40	mg/kg	1	07/24/15	LK	SW6010C
Iron	28400		40	40	mg/Kg	10	07/23/15	LK	SW6010C
Lead	85.9		0.8	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Magnesium	4500		4.0	4.0	mg/Kg	1	07/24/15	LK	SW6010C
Manganese	440		4.0	4.0	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	0.17		0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	24.8		0.40	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	2790	N	8	3.1	mg/Kg	1	07/24/15	LK	SW6010C
Selenium	< 1.6		1.6	1.3	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.40		0.40	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	219	N	8	3.4	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.6		1.6	1.6	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	33.5		0.4	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	95.7		0.8	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	79				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	BJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-2A 3-4FT

Phoenix I.D.: BJ62134

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	41	41	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1221	ND	41	41	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1232	ND	41	41	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1242	ND	41	41	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1248	ND	41	41	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1254	ND	41	41	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1260	ND	41	41	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1262	ND	41	41	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1268	ND	41	41	ug/Kg	2	07/24/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	94			%	2	07/24/15	AW	30 - 150 %
% TCMX	87			%	2	07/24/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.5	2.5	ug/Kg	2	07/24/15	CE	SW8081B
4,4' -DDE	ND	2.5	2.5	ug/Kg	2	07/24/15	CE	SW8081B
4,4' -DDT	ND	2.5	2.5	ug/Kg	2	07/24/15	CE	SW8081B
a-BHC	ND	8.2	8.2	ug/Kg	2	07/24/15	CE	SW8081B
a-Chlordane	ND	4.1	4.1	ug/Kg	2	07/24/15	CE	SW8081B
Aldrin	ND	4.1	4.1	ug/Kg	2	07/24/15	CE	SW8081B
b-BHC	ND	8.2	8.2	ug/Kg	2	07/24/15	CE	SW8081B
d-BHC	ND	8.2	8.2	ug/Kg	2	07/24/15	CE	SW8081B
Dieldrin	ND	4.1	4.1	ug/Kg	2	07/24/15	CE	SW8081B
Endosulfan I	ND	8.2	8.2	ug/Kg	2	07/24/15	CE	SW8081B
Endosulfan II	ND	8.2	8.2	ug/Kg	2	07/24/15	CE	SW8081B
Endosulfan sulfate	ND	8.2	8.2	ug/Kg	2	07/24/15	CE	SW8081B
Endrin	ND	8.2	8.2	ug/Kg	2	07/24/15	CE	SW8081B
Endrin aldehyde	ND	8.2	8.2	ug/Kg	2	07/24/15	CE	SW8081B
Endrin ketone	ND	8.2	8.2	ug/Kg	2	07/24/15	CE	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	07/24/15	CE	SW8081B
g-Chlordane	ND	4.1	4.1	ug/Kg	2	07/24/15	CE	SW8081B
Heptachlor	ND	8.2	8.2	ug/Kg	2	07/24/15	CE	SW8081B
Heptachlor epoxide	ND	8.2	8.2	ug/Kg	2	07/24/15	CE	SW8081B
Methoxychlor	ND	41	41	ug/Kg	2	07/24/15	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	07/24/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	82			%	2	07/24/15	CE	30 - 150 %
% TCMX	69			%	2	07/24/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	290	150	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	290	200	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-2A 3-4FT

Phoenix I.D.: BJ62134

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	290	290	ug/Kg	1	07/23/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	160	ug/Kg	1	07/23/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chloronaphthalene	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chlorophenol	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylnaphthalene	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	290	200	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitroaniline	ND	2100	420	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitrophenol	ND	290	270	ug/Kg	1	07/23/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	1	07/23/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
3-Nitroaniline	ND	2100	910	ug/Kg	1	07/23/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	290	290	ug/Kg	1	07/23/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	290	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloroaniline	ND	840	200	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitroaniline	ND	2100	140	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitrophenol	ND	290	190	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthene	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthylene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Acetophenone	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Anthracene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Atrazine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
Benz(a)anthracene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzaldehyde	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(a)pyrene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(ghi)perylene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Caprolactam	ND	290	290	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	2100	320	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	290	110	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	290	110	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	290	150	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-2A 3-4FT

Phoenix I.D.: BJ62134

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachloroethane	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	170	160	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	290	160	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	49			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	48			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	30			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	48			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	42			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	63			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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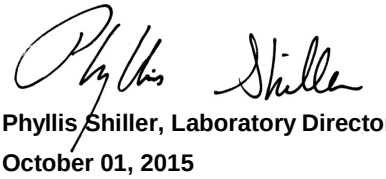

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	12:45
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62135

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-4 7.5FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	73			%		07/23/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100	100	ug/kg	1	07/24/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
2-Hexanone	ND	33	6.6	ug/Kg	1	07/24/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	33	6.6	ug/Kg	1	07/24/15	JLI	SW8260C
Acetone	ND	50	6.6	ug/Kg	1	07/24/15	JLI	SW8260C
Benzene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Bromochloromethane	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Bromodichloromethane	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Bromoform	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Bromomethane	ND	6.6	2.7	ug/Kg	1	07/24/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-4 7.5FT

Phoenix I.D.: BJ62135

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Carbon tetrachloride	ND		6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Chlorobenzene	ND		6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Chloroethane	ND		6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Chloroform	ND		6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Chloromethane	ND		6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND		6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Cyclohexane	ND		6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Dibromochloromethane	ND		6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Dichlorodifluoromethane	ND		6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Ethylbenzene	ND		6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Isopropylbenzene	ND		6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
m&p-Xylene	ND		6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Methyl ethyl ketone	ND		40	6.6	ug/Kg	1	07/24/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		13	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Methylacetate	ND		6.6	3.3	ug/Kg	1	07/24/15	JLI	SW8260C
Methylcyclohexane	ND		6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Methylene chloride	ND		6.6	6.6	ug/Kg	1	07/24/15	JLI	SW8260C
o-Xylene	ND		6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Styrene	ND		6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Tetrachloroethene	2.3	J	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Toluene	ND		6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Total Xylenes	ND		6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Trichloroethene	ND		6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Trichlorofluoromethane	ND		6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Vinyl chloride	ND		6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	103				%	1	07/24/15	JLI	70 - 130 %
% Bromofluorobenzene	95				%	1	07/24/15	JLI	70 - 130 %
% Dibromofluoromethane	98				%	1	07/24/15	JLI	70 - 130 %
% Toluene-d8	100				%	1	07/24/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						07/24/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-4 7.5FT

Phoenix I.D.: BJ62135

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	12:45
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62136

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-4 6.5-7.5FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	19200		38	7.6	mg/Kg	10	07/23/15	LK	SW6010C
Antimony	< 1.9		1.9	1.9	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	13.5		0.8	0.76	mg/Kg	1	07/24/15	LK	SW6010C
Barium	147	N	0.8	0.38	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	0.95		0.30	0.15	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	19400		38	35	mg/Kg	10	07/23/15	LK	SW6010C
Cadmium	0.24	B	0.38	0.15	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	22.8		0.38	0.38	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	11.7		0.38	0.38	mg/Kg	1	07/24/15	LK	SW6010C
Copper	41.1		0.38	0.38	mg/kg	1	07/24/15	LK	SW6010C
Iron	33600		38	38	mg/Kg	10	07/23/15	LK	SW6010C
Lead	85.3		0.8	0.38	mg/Kg	1	07/24/15	LK	SW6010C
Magnesium	7540		38	38	mg/Kg	10	07/23/15	LK	SW6010C
Manganese	642		3.8	3.8	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	0.24		0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	25.9		0.38	0.38	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	3590	N	8	3.0	mg/Kg	1	07/24/15	LK	SW6010C
Selenium	< 1.5		1.5	1.3	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.38		0.38	0.38	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	241	N	8	3.3	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.5		1.5	1.5	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	31.2		0.4	0.38	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	98.1		0.8	0.38	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	80				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	BJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-4 6.5-7.5FT

Phoenix I.D.: BJ62136

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	42	42	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1221	ND	42	42	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1232	ND	42	42	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1242	ND	42	42	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1248	ND	42	42	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1254	ND	42	42	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1260	ND	42	42	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1262	ND	42	42	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1268	ND	42	42	ug/Kg	2	07/24/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	110			%	2	07/24/15	AW	30 - 150 %
% TCMX	101			%	2	07/24/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.5	2.5	ug/Kg	2	07/24/15	CE	SW8081B
4,4' -DDE	ND	2.5	2.5	ug/Kg	2	07/24/15	CE	SW8081B
4,4' -DDT	5.5	2.5	2.5	ug/Kg	2	07/24/15	CE	SW8081B
a-BHC	ND	8.3	8.3	ug/Kg	2	07/24/15	CE	SW8081B
a-Chlordane	ND	4.2	4.2	ug/Kg	2	07/24/15	CE	SW8081B
Aldrin	ND	4.2	4.2	ug/Kg	2	07/24/15	CE	SW8081B
b-BHC	ND	8.3	8.3	ug/Kg	2	07/24/15	CE	SW8081B
d-BHC	ND	8.3	8.3	ug/Kg	2	07/24/15	CE	SW8081B
Dieldrin	ND	4.2	4.2	ug/Kg	2	07/24/15	CE	SW8081B
Endosulfan I	ND	8.3	8.3	ug/Kg	2	07/24/15	CE	SW8081B
Endosulfan II	ND	8.3	8.3	ug/Kg	2	07/24/15	CE	SW8081B
Endosulfan sulfate	ND	8.3	8.3	ug/Kg	2	07/24/15	CE	SW8081B
Endrin	ND	8.3	8.3	ug/Kg	2	07/24/15	CE	SW8081B
Endrin aldehyde	ND	8.3	8.3	ug/Kg	2	07/24/15	CE	SW8081B
Endrin ketone	ND	8.3	8.3	ug/Kg	2	07/24/15	CE	SW8081B
g-BHC	ND	1.7	1.7	ug/Kg	2	07/24/15	CE	SW8081B
g-Chlordane	ND	4.2	4.2	ug/Kg	2	07/24/15	CE	SW8081B
Heptachlor	ND	8.3	8.3	ug/Kg	2	07/24/15	CE	SW8081B
Heptachlor epoxide	ND	8.3	8.3	ug/Kg	2	07/24/15	CE	SW8081B
Methoxychlor	ND	42	42	ug/Kg	2	07/24/15	CE	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	07/24/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	90			%	2	07/24/15	CE	30 - 150 %
% TCMX	74			%	2	07/24/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	290	190	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	220	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	160	130	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	160	140	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-4 6.5-7.5FT

Phoenix I.D.: BJ62136

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	290	290	ug/Kg	1	07/23/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	160	160	ug/Kg	1	07/23/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	160	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chloronaphthalene	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chlorophenol	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylnaphthalene	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	290	190	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitroaniline	ND	2000	410	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitrophenol	ND	290	260	ug/Kg	1	07/23/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	1	07/23/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	160	160	ug/Kg	1	07/23/15	DD	SW8270D	
3-Nitroaniline	ND	2000	890	ug/Kg	1	07/23/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	290	290	ug/Kg	1	07/23/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloroaniline	ND	820	190	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitroaniline	ND	2000	140	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitrophenol	ND	290	190	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthene	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthylene	ND	160	110	ug/Kg	1	07/23/15	DD	SW8270D	
Acetophenone	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Anthracene	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Atrazine	ND	160	160	ug/Kg	1	07/23/15	DD	SW8270D	
Benz(a)anthracene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzaldehyde	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(a)pyrene	ND	160	130	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(ghi)perylene	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	160	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	290	110	ug/Kg	1	07/23/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Caprolactam	ND	290	290	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	2000	310	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	160	130	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	290	110	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	290	110	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	160	120	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	290	150	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-4 6.5-7.5FT

Phoenix I.D.: BJ62136

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachloroethane	ND	160	120	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	160	110	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	160	140	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	290	120	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	160	130	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	160	160	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	290	150	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	ND	160	120	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	290	130	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	ND	290	140	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	89			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	77			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	66			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	75			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	76			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	91			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	13:10
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62137

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-5 9FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	85			%		07/23/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100	100	ug/kg	1	07/24/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
2-Hexanone	ND	29	5.8	ug/Kg	1	07/24/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	29	5.8	ug/Kg	1	07/24/15	JLI	SW8260C
Acetone	ND	50	5.8	ug/Kg	1	07/24/15	JLI	SW8260C
Benzene	ND	5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
Bromochloromethane	ND	5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
Bromodichloromethane	ND	5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Bromoform	ND	5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Bromomethane	ND	5.8	2.3	ug/Kg	1	07/24/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-5 9FT

Phoenix I.D.: BJ62137

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Carbon tetrachloride	ND		5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Chlorobenzene	ND		5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
Chloroethane	ND		5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
Chloroform	ND		5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
Chloromethane	ND		5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
Cyclohexane	ND		5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Dibromochloromethane	ND		5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Dichlorodifluoromethane	ND		5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
Ethylbenzene	ND		5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
Isopropylbenzene	ND		5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
m&p-Xylene	ND		5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Methyl ethyl ketone	ND		35	5.8	ug/Kg	1	07/24/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Methylacetate	ND		5.8	2.9	ug/Kg	1	07/24/15	JLI	SW8260C
Methylcyclohexane	ND		5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Methylene chloride	ND		5.8	5.8	ug/Kg	1	07/24/15	JLI	SW8260C
o-Xylene	ND		5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Styrene	ND		5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
Tetrachloroethene	170	J	290	58	ug/Kg	50	07/24/15	JLI	SW8260C
Toluene	ND		5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
Total Xylenes	ND		5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
Trichloroethene	1.6	J	5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
Trichlorofluoromethane	ND		5.8	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
Vinyl chloride	ND		5.8	0.58	ug/Kg	1	07/24/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	103				%	1	07/24/15	JLI	70 - 130 %
% Bromofluorobenzene	89				%	1	07/24/15	JLI	70 - 130 %
% Dibromofluoromethane	93				%	1	07/24/15	JLI	70 - 130 %
% Toluene-d8	101				%	1	07/24/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						07/24/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-5 9FT

Phoenix I.D.: BJ62137

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	13:10
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62138

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-5 8.3-9.3FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	15600		38	7.5	mg/Kg	10	07/23/15	LK	SW6010C
Antimony	< 1.9		1.9	1.9	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	5.9		0.8	0.75	mg/Kg	1	07/24/15	LK	SW6010C
Barium	103	N	0.8	0.38	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	0.77		0.30	0.15	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	3100		3.8	3.5	mg/Kg	1	07/24/15	LK	SW6010C
Cadmium	< 0.38		0.38	0.15	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	18.7		0.38	0.38	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	11.8		0.38	0.38	mg/Kg	1	07/24/15	LK	SW6010C
Copper	36.0		0.38	0.38	mg/kg	1	07/24/15	LK	SW6010C
Iron	27900		38	38	mg/Kg	10	07/23/15	LK	SW6010C
Lead	207		7.5	3.8	mg/Kg	10	07/23/15	LK	SW6010C
Magnesium	4650		3.8	3.8	mg/Kg	1	07/24/15	LK	SW6010C
Manganese	561		3.8	3.8	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	0.35		0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	22.2		0.38	0.38	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	2340	N	8	2.9	mg/Kg	1	07/24/15	LK	SW6010C
Selenium	< 1.5		1.5	1.3	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.38		0.38	0.38	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	152	N	8	3.2	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.5		1.5	1.5	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	27.3		0.4	0.38	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	86.9		0.8	0.38	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	78				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	BJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-5 8.3-9.3FT

Phoenix I.D.: BJ62138

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	43	43	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1221	ND	43	43	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1232	ND	43	43	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1242	ND	43	43	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1248	ND	43	43	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1254	ND	43	43	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1260	ND	43	43	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1262	ND	43	43	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1268	ND	43	43	ug/Kg	2	07/24/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	112			%	2	07/24/15	AW	30 - 150 %
% TCMX	100			%	2	07/24/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.6	2.6	ug/Kg	2	07/24/15	CE	SW8081B
4,4' -DDE	ND	2.6	2.6	ug/Kg	2	07/24/15	CE	SW8081B
4,4' -DDT	ND	2.6	2.6	ug/Kg	2	07/24/15	CE	SW8081B
a-BHC	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
a-Chlordane	ND	4.3	4.3	ug/Kg	2	07/24/15	CE	SW8081B
Aldrin	ND	4.3	4.3	ug/Kg	2	07/24/15	CE	SW8081B
b-BHC	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
d-BHC	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
Dieldrin	ND	4.3	4.3	ug/Kg	2	07/24/15	CE	SW8081B
Endosulfan I	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
Endosulfan II	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
Endosulfan sulfate	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
Endrin	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
Endrin aldehyde	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
Endrin ketone	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
g-BHC	ND	1.7	1.7	ug/Kg	2	07/24/15	CE	SW8081B
g-Chlordane	ND	4.3	4.3	ug/Kg	2	07/24/15	CE	SW8081B
Heptachlor	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
Heptachlor epoxide	ND	8.5	8.5	ug/Kg	2	07/24/15	CE	SW8081B
Methoxychlor	ND	43	43	ug/Kg	2	07/24/15	CE	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	07/24/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	100			%	2	07/24/15	CE	30 - 150 %
% TCMX	82			%	2	07/24/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	300	200	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	300	230	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-5 8.3-9.3FT

Phoenix I.D.: BJ62138

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	300	300	ug/Kg	1	07/23/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chloronaphthalene	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chlorophenol	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylnaphthalene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	300	200	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitroaniline	ND	2100	430	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitrophenol	ND	300	270	ug/Kg	1	07/23/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	300	170	ug/Kg	1	07/23/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
3-Nitroaniline	ND	2100	930	ug/Kg	1	07/23/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	300	300	ug/Kg	1	07/23/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloroaniline	ND	850	200	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitroaniline	ND	2100	140	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitrophenol	ND	300	190	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthylene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Acetophenone	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Anthracene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Atrazine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
Benz(a)anthracene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzaldehyde	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(a)pyrene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(ghi)perylene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzyl butyl phthalate	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Caprolactam	ND	300	300	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	2100	320	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-5 8.3-9.3FT

Phoenix I.D.: BJ62138

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachloroethane	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	170	160	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	300	160	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	71			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	65			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	49			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	71			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	66			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	88			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	13:55
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62139

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-8 14.5FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	77			%		07/23/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100	100	ug/kg	1	07/24/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
2-Hexanone	ND	33	6.6	ug/Kg	1	07/24/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	33	6.6	ug/Kg	1	07/24/15	JLI	SW8260C
Acetone	ND	50	6.6	ug/Kg	1	07/24/15	JLI	SW8260C
Benzene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Bromochloromethane	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Bromodichloromethane	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Bromoform	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Bromomethane	ND	6.6	2.6	ug/Kg	1	07/24/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-8 14.5FT

Phoenix I.D.: BJ62139

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Carbon tetrachloride	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Chlorobenzene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Chloroethane	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Chloroform	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Chloromethane	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Cyclohexane	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Dibromochloromethane	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Dichlorodifluoromethane	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Ethylbenzene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Isopropylbenzene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
m&p-Xylene	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Methyl ethyl ketone	ND	39	6.6	ug/Kg	1	07/24/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	13	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Methylacetate	ND	6.6	3.3	ug/Kg	1	07/24/15	JLI	SW8260C
Methylcyclohexane	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Methylene chloride	ND	6.6	6.6	ug/Kg	1	07/24/15	JLI	SW8260C
o-Xylene	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Styrene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Tetrachloroethene	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Toluene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Total Xylenes	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Trichloroethene	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Trichlorofluoromethane	ND	6.6	1.3	ug/Kg	1	07/24/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
Vinyl chloride	ND	6.6	0.66	ug/Kg	1	07/24/15	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	1	07/24/15	JLI	70 - 130 %
% Bromofluorobenzene	95			%	1	07/24/15	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	07/24/15	JLI	70 - 130 %
% Toluene-d8	101			%	1	07/24/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed					07/24/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-8 14.5FT

Phoenix I.D.: BJ62139

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	13:55
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62140

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-8 14.5-15.5FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	18000		43	8.5	mg/Kg	10	07/23/15	LK	SW6010C
Antimony	< 2.1		2.1	2.1	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	7.3		0.9	0.85	mg/Kg	1	07/24/15	LK	SW6010C
Barium	113	N	0.9	0.43	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	1.04		0.34	0.17	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	24500		43	39	mg/Kg	10	07/23/15	LK	SW6010C
Cadmium	0.19	B	0.43	0.17	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	21.6		0.43	0.43	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	14.4		0.43	0.43	mg/Kg	1	07/24/15	LK	SW6010C
Copper	28.3		0.43	0.43	mg/kg	1	07/24/15	LK	SW6010C
Iron	34100		43	43	mg/Kg	10	07/23/15	LK	SW6010C
Lead	12.1		0.9	0.43	mg/Kg	1	07/24/15	LK	SW6010C
Magnesium	9210		43	43	mg/Kg	10	07/23/15	LK	SW6010C
Manganese	637		4.3	4.3	mg/Kg	10	07/23/15	LK	SW6010C
Mercury	0.03	B	0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	26.8		0.43	0.43	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	3460	N	85	33	mg/Kg	10	07/23/15	LK	SW6010C
Selenium	< 1.7		1.7	1.5	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.43		0.43	0.43	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	462	N	9	3.7	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.7		1.7	1.7	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	37.5		0.4	0.43	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	72.9		0.9	0.43	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	76				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	BJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-8 14.5-15.5FT

Phoenix I.D.: BJ62140

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	44	44	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1221	ND	44	44	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1232	ND	44	44	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1242	ND	44	44	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1248	ND	44	44	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1254	ND	44	44	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1260	ND	44	44	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1262	ND	44	44	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1268	ND	44	44	ug/Kg	2	07/24/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	99			%	2	07/24/15	AW	30 - 150 %
% TCMX	86			%	2	07/24/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.6	2.6	ug/Kg	2	07/24/15	CE	SW8081B
4,4' -DDE	ND	2.6	2.6	ug/Kg	2	07/24/15	CE	SW8081B
4,4' -DDT	ND	2.6	2.6	ug/Kg	2	07/24/15	CE	SW8081B
a-BHC	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
a-Chlordane	ND	4.4	4.4	ug/Kg	2	07/24/15	CE	SW8081B
Aldrin	ND	4.4	4.4	ug/Kg	2	07/24/15	CE	SW8081B
b-BHC	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
d-BHC	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
Dieldrin	ND	4.4	4.4	ug/Kg	2	07/24/15	CE	SW8081B
Endosulfan I	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
Endosulfan II	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
Endosulfan sulfate	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
Endrin	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
Endrin aldehyde	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
Endrin ketone	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
g-BHC	ND	1.8	1.8	ug/Kg	2	07/24/15	CE	SW8081B
g-Chlordane	ND	4.4	4.4	ug/Kg	2	07/24/15	CE	SW8081B
Heptachlor	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
Heptachlor epoxide	ND	8.8	8.8	ug/Kg	2	07/24/15	CE	SW8081B
Methoxychlor	ND	44	44	ug/Kg	2	07/24/15	CE	SW8081B
Toxaphene	ND	180	180	ug/Kg	2	07/24/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	95			%	2	07/24/15	CE	30 - 150 %
% TCMX	68			%	2	07/24/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	300	200	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	300	240	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-8 14.5-15.5FT

Phoenix I.D.: BJ62140

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	300	300	ug/Kg	1	07/23/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chloronaphthalene	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chlorophenol	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylnaphthalene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	300	200	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitroaniline	ND	2200	440	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitrophenol	ND	300	280	ug/Kg	1	07/23/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	300	170	ug/Kg	1	07/23/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
3-Nitroaniline	ND	2200	950	ug/Kg	1	07/23/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	300	300	ug/Kg	1	07/23/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloroaniline	ND	870	200	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitroaniline	ND	2200	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitrophenol	ND	300	200	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthylene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Acetophenone	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Anthracene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Atrazine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
Benz(a)anthracene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
Benzaldehyde	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(a)pyrene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(ghi)perylene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzyl butyl phthalate	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Caprolactam	ND	300	300	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	2200	330	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	300	160	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-8 14.5-15.5FT

Phoenix I.D.: BJ62140

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachloroethane	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	300	160	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	88			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	73			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	65			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	71			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	75			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	91			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	14:20
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62141

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-10 19.5FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	78			%		07/23/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100	100	ug/kg	1	07/24/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
2-Hexanone	ND	31	6.2	ug/Kg	1	07/24/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	31	6.2	ug/Kg	1	07/24/15	JLI	SW8260C
Acetone	ND	50	6.2	ug/Kg	1	07/24/15	JLI	SW8260C
Benzene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Bromochloromethane	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Bromodichloromethane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Bromoform	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Bromomethane	ND	6.2	2.5	ug/Kg	1	07/24/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-10 19.5FT

Phoenix I.D.: BJ62141

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Carbon tetrachloride	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Chlorobenzene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Chloroethane	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Chloroform	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Chloromethane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Cyclohexane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Dibromochloromethane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Dichlorodifluoromethane	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Ethylbenzene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Isopropylbenzene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
m&p-Xylene	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Methyl ethyl ketone	ND	37	6.2	ug/Kg	1	07/24/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Methylacetate	ND	6.2	3.1	ug/Kg	1	07/24/15	JLI	SW8260C
Methylcyclohexane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Methylene chloride	ND	6.2	6.2	ug/Kg	1	07/24/15	JLI	SW8260C
o-Xylene	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Styrene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Tetrachloroethene	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Toluene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Total Xylenes	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Trichloroethene	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Trichlorofluoromethane	ND	6.2	1.2	ug/Kg	1	07/24/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
Vinyl chloride	ND	6.2	0.62	ug/Kg	1	07/24/15	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	07/24/15	JLI	70 - 130 %
% Bromofluorobenzene	95			%	1	07/24/15	JLI	70 - 130 %
% Dibromofluoromethane	98			%	1	07/24/15	JLI	70 - 130 %
% Toluene-d8	101			%	1	07/24/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed					07/24/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-10 19.5FT

Phoenix I.D.: BJ62141

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/20/15	14:20
Location Code:	HANSONV	Received by:	B	07/22/15	18:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62104
Phoenix ID: BJ62142

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-10 18.5-19.5FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	23200		40	8.0	mg/Kg	10	07/24/15	LK	SW6010C
Antimony	< 2.0	N	2.0	2.0	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	8.2		0.8	0.80	mg/Kg	1	07/24/15	LK	SW6010C
Barium	172	N	0.8	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Beryllium	1.26		0.32	0.16	mg/Kg	1	07/24/15	LK	SW6010C
Calcium	25300		40	37	mg/Kg	10	07/24/15	LK	SW6010C
Cadmium	< 0.40		0.40	0.16	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	28.2		0.40	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Cobalt	14.5		0.40	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Copper	38.9		0.40	0.40	mg/kg	1	07/24/15	LK	SW6010C
Iron	42200		40	40	mg/Kg	10	07/24/15	LK	SW6010C
Lead	14.8		0.8	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Magnesium	12000		40	40	mg/Kg	10	07/24/15	LK	SW6010C
Manganese	558	N	4.0	4.0	mg/Kg	10	07/24/15	LK	SW6010C
Mercury	0.03		0.03	0.02	mg/Kg	1	07/23/15	RS	SW7471B
Nickel	35.1		0.40	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Potassium	4780		80	31	mg/Kg	10	07/24/15	LK	SW6010C
Selenium	< 1.6		1.6	1.4	mg/Kg	1	07/24/15	LK	SW6010C
Silver	< 0.40		0.40	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Sodium	450	N	8	3.4	mg/Kg	1	07/24/15	LK	SW6010C
Thallium	< 1.6		1.6	1.6	mg/Kg	1	07/24/15	LK	SW6010C
Vanadium	39.5		0.4	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Zinc	84.3		0.8	0.40	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	76				%		07/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						07/22/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						07/22/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						07/22/15	BJ/VH	SW3545A
Mercury Digestion	Completed						07/23/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-10 18.5-19.5FT

Phoenix I.D.: BJ62142

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					07/22/15	G/AG/I	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	43	43	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1221	ND	43	43	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1232	ND	43	43	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1242	ND	43	43	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1248	ND	43	43	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1254	ND	43	43	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1260	ND	43	43	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1262	ND	43	43	ug/Kg	2	07/24/15	AW	SW8082A
PCB-1268	ND	43	43	ug/Kg	2	07/24/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	95			%	2	07/24/15	AW	30 - 150 %
% TCMX	98			%	2	07/24/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.6	2.6	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDE	ND	2.6	2.6	ug/Kg	2	07/23/15	CE	SW8081B
4,4' -DDT	ND	2.6	2.6	ug/Kg	2	07/23/15	CE	SW8081B
a-BHC	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
a-Chlordane	ND	4.3	4.3	ug/Kg	2	07/23/15	CE	SW8081B
Aldrin	ND	4.3	4.3	ug/Kg	2	07/23/15	CE	SW8081B
b-BHC	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
d-BHC	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
Dieldrin	ND	4.3	4.3	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan I	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan II	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
Endosulfan sulfate	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
Endrin	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
Endrin aldehyde	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
Endrin ketone	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
g-BHC	ND	1.7	1.7	ug/Kg	2	07/23/15	CE	SW8081B
g-Chlordane	ND	4.3	4.3	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
Heptachlor epoxide	ND	8.5	8.5	ug/Kg	2	07/23/15	CE	SW8081B
Methoxychlor	ND	43	43	ug/Kg	2	07/23/15	CE	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	07/23/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	87			%	2	07/23/15	CE	30 - 150 %
% TCMX	81			%	2	07/23/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	300	200	ug/Kg	1	07/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	300	230	ug/Kg	1	07/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-10 18.5-19.5FT

Phoenix I.D.: BJ62142

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	300	300	ug/Kg	1	07/23/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chloronaphthalene	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Chlorophenol	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylnaphthalene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	300	200	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitroaniline	ND	2100	430	ug/Kg	1	07/23/15	DD	SW8270D	
2-Nitrophenol	ND	300	270	ug/Kg	1	07/23/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	300	170	ug/Kg	1	07/23/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
3-Nitroaniline	ND	2100	930	ug/Kg	1	07/23/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	300	300	ug/Kg	1	07/23/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chloroaniline	ND	850	200	ug/Kg	1	07/23/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitroaniline	ND	2100	140	ug/Kg	1	07/23/15	DD	SW8270D	
4-Nitrophenol	ND	300	190	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Acenaphthylene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Acetophenone	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Anthracene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Atrazine	ND	170	170	ug/Kg	1	07/23/15	DD	SW8270D	
Benz(a)anthracene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzaldehyde	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(a)pyrene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(ghi)perylene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Benzyl butyl phthalate	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Caprolactam	ND	300	300	ug/Kg	1	07/23/15	DD	SW8270D	
Carbazole	ND	2100	320	ug/Kg	1	07/23/15	DD	SW8270D	
Chrysene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
Dibenzofuran	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Diethyl phthalate	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Dimethylphthalate	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-butylphthalate	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D	
Di-n-octylphthalate	ND	300	110	ug/Kg	1	07/23/15	DD	SW8270D	
Fluoranthene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Fluorene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobenzene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorobutadiene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	1	07/23/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-7 S-10 18.5-19.5FT

Phoenix I.D.: BJ62142

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachloroethane	ND	170	130	ug/Kg	1	07/23/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Isophorone	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Naphthalene	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
Nitrobenzene	ND	170	150	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	300	120	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	170	140	ug/Kg	1	07/23/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	170	160	ug/Kg	1	07/23/15	DD	SW8270D	
Pentachlorophenol	ND	300	160	ug/Kg	1	07/23/15	DD	SW8270D	
Phenanthrene	ND	170	120	ug/Kg	1	07/23/15	DD	SW8270D	
Phenol	ND	300	140	ug/Kg	1	07/23/15	DD	SW8270D	
Pyrene	ND	300	150	ug/Kg	1	07/23/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	84			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	73			%	1	07/23/15	DD	30 - 130 %	
% 2-Fluorophenol	62			%	1	07/23/15	DD	30 - 130 %	
% Nitrobenzene-d5	69			%	1	07/23/15	DD	30 - 130 %	
% Phenol-d5	73			%	1	07/23/15	DD	30 - 130 %	
% Terphenyl-d14	88			%	1	07/23/15	DD	30 - 130 %	
Semivolatile Library Search	Completed					07/23/15	DD		1
SVOA Library Search Top 15	Completed					07/23/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Sarah Bell, Project Manager

Sample Criteria Exceedences Report

GBJ62104 - HANSONV

Criteria: NY: 375

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ62106	$DP8260_TCLS	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	78	300	60	60	ug/Kg
BJ62106	$DP8260_TCLS	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1400	300	1300	1300	ug/Kg
BJ62113	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	35.1	0.43	30		mg/Kg
BJ62113	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	39.8	0.43	30	30	mg/Kg
BJ62115	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	30.2	0.40	30		mg/Kg
BJ62115	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	35.2	0.40	30	30	mg/Kg
BJ62116	$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	38	20	20	ug/Kg
BJ62116	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	19	5	5	ug/Kg
BJ62116	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	37	11	3.3	3.3	ug/Kg
BJ62116	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	19	5	5	ug/Kg
BJ62116	$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	38	14	14	ug/Kg
BJ62116	$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	11	3.3	3.3	ug/Kg
BJ62116	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	140	11	3.3	3.3	ug/Kg
BJ62116	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	102	0.39	30		mg/Kg
BJ62116	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	98.6	0.39	50	50	mg/kg
BJ62116	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.87	0.03	0.18	0.18	mg/Kg
BJ62116	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	887	7.8	63	63	mg/Kg
BJ62116	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	274	7.8	109	109	mg/Kg
BJ62117	$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	77	20	20	ug/Kg
BJ62117	$PESTSMDPR	b-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	77	36	36	ug/Kg
BJ62117	$PESTSMDPR	Heptachlor	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	77	42	42	ug/Kg
BJ62117	$PESTSMDPR	d-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	77	40	40	ug/Kg
BJ62117	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	38	5	5	ug/Kg
BJ62117	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	1700	110	3.3	3.3	ug/Kg
BJ62117	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	38	5	5	ug/Kg
BJ62117	$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	77	14	14	ug/Kg
BJ62117	$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	23	3.3	3.3	ug/Kg
BJ62117	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	2500	110	3.3	3.3	ug/Kg
BJ62117	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.34	0.03	0.18	0.18	mg/Kg
BJ62117	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	292	7.0	63	63	mg/Kg
BJ62117	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	211	7.0	109	109	mg/Kg
BJ62123	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	69.3	0.8	63	63	mg/Kg
BJ62124	$DP8260_TCLS	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	80	280	60	60	ug/Kg
BJ62125	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	33.5	0.49	30		mg/Kg
BJ62125	MN-SM	Manganese	NY / 375-6.8 Metals / Unrestricted Use Soil	2260	49	1600	1600	mg/Kg
BJ62125	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	38.3	0.49	30	30	mg/Kg

Sample Criteria Exceedences Report

GBJ62104 - HANSONV

Criteria: NY: 375

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ62126	$DP8260_TCLS	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	83	50	50	50	ug/Kg
BJ62126	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	38.2	0.47	30	30	mg/Kg
BJ62126	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	76.5	0.9	63	63	mg/Kg
BJ62128	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	31.8	0.44	30		mg/Kg
BJ62128	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.68	0.03	0.18	0.18	mg/Kg
BJ62128	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	36.7	0.44	30	30	mg/Kg
BJ62130	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	30.5	0.44	30	30	mg/Kg
BJ62132	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	30.6	0.40	30	30	mg/Kg
BJ62134	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	85.9	0.8	63	63	mg/Kg
BJ62136	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	5.5	2.5	3.3	3.3	ug/Kg
BJ62136	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	13.5	0.8	13	13	mg/Kg
BJ62136	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.24	0.03	0.18	0.18	mg/Kg
BJ62136	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	85.3	0.8	63	63	mg/Kg
BJ62138	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.35	0.03	0.18	0.18	mg/Kg
BJ62138	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	207	7.5	63	63	mg/Kg
BJ62142	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	35.1	0.40	30	30	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY Temperature Narration

October 01, 2015

SDG I.D.: GBJ62104

The samples in this delivery group were received at 2°C.
(Note acceptance criteria is above freezing up to 6°C)

NY/NJ CHAIN OF CUSTODY RECORD

Temp 2 Double DP Pg 1 of 4

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Hanson VanVleet LLC
Address: 902 Rt 146, Clifton Park, NY 12065

Project: Jim Bayly Property
Report to: K. VanVleet
Invoice to: K. VanVleet

Project P.O:
Phone #: 518-371-7940
Fax #: 518-371-5885

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 7/20/15

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=oil
GW=groundwater **SL**=sludge **A**=air **X**=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCL VOCs + TIC	TCL SVOCs + TICs	TAL metals	PCB/Pesticides	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (2) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
62104	MW-8, S-2 (3')	Soil	7/20/15	10:15A	X				1									
62105	MW-8, S-2 (3-4')	Soil	7/20/15	10:15A		X	X	X	1	2	X							
62106	MW-8, S-4 (8')	Soil	7/20/15	10:30A	X				1									
62107	MW-8, S-4 (7-8')	Soil	7/20/15	10:30A		X	X	X	1	2	X							
62108	MW-8, S-6B (11')	Soil	7/20/15	11:00A	X				1									
62109	MW-8, S-6B (11-12')	Soil	7/20/15	11:00A		X	X	X	1	2	X							
62110	MW-8, S-8 (15')	Soil	7/20/15	11:30A	X				1									
62111	MW-8, S-8 (15-16')	Soil	7/20/15	11:30A		X	X	X	1	2	X							
62112	MW-8, S-10 (20')	S	7/20/15	11:50A	X				1									
62113	MW-8, S-10 (19-20')	S	7/20/15	11:50A		X	X	X	1	2	X							
62114	MW-8, S-11 (25')	S	7/20/15	12:00P	X				1									
62115	MW-8, S-11 (24-25')	S	7/20/15	12:00P		X	X	X	1	2	X							

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	7/21/15	8:30P
[signature]	[signature]	7/22/15	1400
[signature]	[signature]	7/23/15	1815

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☒ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TOGS GA GW
☐ CP-51 Soil
☒ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

Data Format
☐ Phoenix Std Report
☐ Excel
☐ PDF
☐ GIS/Key
☒ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☒ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

NY/NJ CHAIN OF CUSTODY RECORD

Temp 2 Pg 2 of 4

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Hanson VanVleet LLC
Address: 902 Rt 146, Clifton Park, NY 12065

Project: Jim Bayly Property
Report to: K. VanVleet
Invoice to: K. VanVleet

Project P.O:
Phone #: 518-371-7940
Fax #: 518-371-5885

Client Sample - Information - Identification

Sampler's Signature: Kan Lwillen Date: 7/21/15

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=oil
GW=groundwater SL=sludge A=air X=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCL VOCs + TICs	TCL SVOCs + TICs	TAL Metals	PCBs / Pesticides	Soil VOA [ ]Methanol [ ]S. Bisulfate [ ]H2O	GL Soil container (2)oz	GL Soil container (4)oz	40 ml VOA Vial [ ]As is [ ]HCl	GL Amber 1000ml [ ]As is [ ]H2SO4	PL As is [ ]250ml [ ]500ml [ ]1000ml	PL H2SO4 [ ]250ml [ ]500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
62116	S-A	S	7/21/15	7:10A	X	X	X	X							2	2		
62117	S-B	S	7/21/15	7:30A	X	X	X	X							2	2		
62118	MW-6, S-2 (4')	S	7/21/15	7:10A	X										1			
62119	MW-6, S-2 (3-4')	S	7/21/15	7:10A		X	X	X							1	2		
62120	MW-6, S-4 (6')	S	7/21/15	7:15A	X										1			
62121	MW-6, S-4 (6-7')	S	7/21/15	7:15A		X	X	X							1	2		
62122	MW-6, S-6 (10')	S	7/21/15	7:25A	X										1			
62123	MW-6, S-6 (10-11')	S	7/21/15	7:25A		X	X	X							1	2		
62124	MW-6, S-7 (13')	S	7/21/15	7:40A	X										1			
62125	MW-6, S-7 (13-14')	S	7/21/15	7:40A		X	X	X							1	2		
62126	MW-6, S-11 (25')	S	7/21/15	8:00A	X	X	X	X							2	2		
62127	MW-6, S-9A (17.5)	S	7/21/15	8:20A	X										1			

Relinquished by:	Accepted by:	Date:	Time:
Kan Lwillen	Kyle VanVleet	7/21/15	8:30P
Kyle VanVleet	[illegible]	7/22/2015	1000
[illegible]	[illegible]	7/22/15	1815

Comments/Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☒ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TOGS GA GW
☐ CP-51 Soil
☒ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

Data Format
☐ Phoenix Std Report
☐ Excel
☐ PDF
☐ GIS/Key
☒ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☒ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

NY/NJ CHAIN OF CUSTODY RECORD

Temp 2 Jomic ITP Pg 3 of 4

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Hanson VanVleet LLC
Address: 902 Rt 146, Clifton Park, NY 12065

Project: Tim Brady Property
Report to: K. VanVleet
Invoice to: K. VanVleet

Project P.O:
Phone #: 518-371-7940
Fax #: 518-371-5885

Sampler's Signature: Dan Pucillo Date: 7/21/15

Client Sample - Information - Identification

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=oil
GW=groundwater **SL**=sludge **A**=air **X**=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCL VOCs + TICs	TCL SVOCs + TICs	TAL Metals	PCBs/Pesticides	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (2) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
62128	MW-6,S-9A (16.5-17.5)	S	7/21/15	8:20A		X	X	X		1	2							
62129	MW-6,S-9C (17.6)	S	7/21/15	8:35A	X					1								
62130	MW-6,S-9C (17.6-18)	S	7/21/15	8:35A		X	X	X		1	2							
62131	MW-6,S-10 (18.1)	S	7/21/15	8:50A	X					1								
62132	MW-6,S-10 (18.1-19)	S	7/21/15	8:50A		X	X	X		1	2							
62133	MW-7,S-2A (3.5')	S	7/21/15	12:30P	X					1								
62134	MW-7,S-2A (3-4')	S	7/21/15	12:30P		X	X	X		1	2							
62135	MW-7,S-4 (7.5')	S	7/21/15	12:45P	X					1								
62136	MW-7,S-4 (6.5-7.5)	S	7/21/15	12:45P		X	X	X		1	2							
62137	MW-7,S-5 (9.0')	S	7/21/15	1:10P	X					1								
62138	MW-7,S-5 (8.3-9.3')	S	7/21/15	1:10P		X	X	X		1	2							
62139	MW-7,S-8 (14.5')	S	7/21/15	1:55P	X					1								

Relinquished by:	Accepted by:	Date:	Time:
Dan Pucillo	Kelly VanVleet	7/21/15	8:30P
Kelly VanVleet	[illegible]	7/22/2015	1400
[illegible]	[illegible]	7/22/15	1815

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☒ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TOGS GA GW
☐ CP-51 Soil
☒ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

Data Format
☐ Phoenix Std Report
☐ Excel
☐ PDF
☐ GIS/Key
☒ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☒ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

NY/NJ CHAIN OF CUSTODY RECORD

Temp 2 wIC tbl

Pg 4 of 4

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Hanson VanVleet LLC
Address: 902 Rt 146
Clifton Park, NY 12065

Project: Tim Bayly Property
Report to: K. VanVleet
Invoice to: K. VanVleet

Project P.O:
Phone #: 518-371-7940
Fax #: 518-371-5885

Client Sample - Information - Identification

Sampler's Signature: Kan Vlt Date: 7/21/15

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=oil
GW=groundwater **SL**=sludge **A**=air **X**=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCL VOCs + TICs	TCL SVOCs + TICs	TAL Metals	PCBs + Pesticides	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (2) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
62140	MW-7, S-8 (14.5-15.5')	S	7/21/15	1:55		X	X	X		1	2							
62141	MW-7, S-10 (19.5')	S	7/21/15	2:20P	X					1								
62142	MW-7, S-10 (18.5-19.5)	S	7/21/15	2:20P		X	X	X		1	2							

Relinquished by:	Accepted by:	Date:	Time:
Kan Vlt	Kelly VanVleet	7/21/15	8:30P
Kelly VanVleet	Gregory Gillette	7/22/2015	1400
Gregory Gillette	Pat	7/22/15	1815

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☒ ~~10~~ Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TOGS GA GW
☐ CP-51 Soil
☒ NY375 Unrestricted Soil
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☐ NY375 Restricted Non-Residential Soil

Data Format
☐ Phoenix Std Report
☐ Excel
☐ PDF
☐ GIS/Key
☒ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☒ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Thursday, October 01, 2015

Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Project ID: TIM BAYLY PROPERTY
Sample ID#s: BJ86812 - BJ86839

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

October 01, 2015

SDG I.D.: GBJ86812

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

BJ86812 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ86814 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ86816 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ86818 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ86820 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ86822 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ86824 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ86826 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ86828 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ86830 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ86832 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ86834 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ86836 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ86838 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	14:45
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86812

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-3, 3.5 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	80			%		09/04/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100		ug/kg	1	09/11/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
2-Hexanone	ND	31	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	31	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
Acetone	ND	50	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
Benzene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Bromochloromethane	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Bromodichloromethane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Bromoform	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Bromomethane	ND	6.3	2.5	ug/Kg	1	09/11/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-3, 3.5 FT)

Phoenix I.D.: BJ86812

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Carbon tetrachloride	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Chlorobenzene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroethane	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroform	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Chloromethane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,2-Dichloroethene	1.1	J	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Cyclohexane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Dibromochloromethane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Dichlorodifluoromethane	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Ethylbenzene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Isopropylbenzene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
m&p-Xylene	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl ethyl ketone	ND		38	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		13	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methylacetate	ND		6.3	3.1	ug/Kg	1	09/11/15	JLI	SW8260C
Methylcyclohexane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methylene chloride	ND		6.3	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
o-Xylene	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Styrene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Tetrachloroethene	1000		310	63	ug/Kg	50	09/11/15	JLI	SW8260C
Toluene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Total Xylenes	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Trichloroethene	3.3	J	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Trichlorofluoromethane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Vinyl chloride	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98				%	1	09/11/15	JLI	70 - 130 %
% Bromofluorobenzene	99				%	1	09/11/15	JLI	70 - 130 %
% Dibromofluoromethane	100				%	1	09/11/15	JLI	70 - 130 %
% Toluene-d8	97				%	1	09/11/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						09/11/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-3, 3.5 FT)

Phoenix I.D.: BJ86812

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	14:45
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86813

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-3, 3-3.75 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	20500	39		mg/Kg	10	09/04/15	EK	SW6010C
Antimony	< 1.9	1.9		mg/Kg	1	09/04/15	EK	SW6010C
Arsenic	7.3	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Barium	144	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Beryllium	1.22	0.31		mg/Kg	1	09/04/15	EK	SW6010C
Calcium	7240	3.9		mg/Kg	1	09/04/15	EK	SW6010C
Cadmium	< 0.39	0.39		mg/Kg	1	09/04/15	EK	SW6010C
Chromium	25.4	0.39		mg/Kg	1	09/04/15	EK	SW6010C
Cobalt	16.6	0.39		mg/Kg	1	09/04/15	EK	SW6010C
Copper	31.4	0.39		mg/kg	1	09/04/15	EK	SW6010C
Iron	35100	39		mg/Kg	10	09/04/15	EK	SW6010C
Lead	54.6	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Magnesium	6970	39		mg/Kg	10	09/04/15	EK	SW6010C
Manganese	653	3.9		mg/Kg	10	09/04/15	EK	SW6010C
Mercury	0.24	0.03		mg/Kg	1	09/08/15	RS	SW7471B
Nickel	29.8	0.39		mg/Kg	1	09/04/15	EK	SW6010C
Potassium	3520	8		mg/Kg	1	09/04/15	EK	SW6010C
Selenium	< 1.5	1.5		mg/Kg	1	09/04/15	EK	SW6010C
Silver	< 0.39	0.39		mg/Kg	1	09/04/15	EK	SW6010C
Sodium	248	8		mg/Kg	1	09/04/15	EK	SW6010C
Thallium	< 1.5	1.5		mg/Kg	1	09/04/15	EK	SW6010C
Vanadium	39.6	0.4		mg/Kg	1	09/04/15	EK	SW6010C
Zinc	88.2	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Percent Solid	80			%		09/04/15	I	SW846-%Solid
Soil Extraction for PCB	Completed					09/03/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					09/03/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed					09/03/15	JJ/VH	SW3545A
Mercury Digestion	Completed					09/08/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-3, 3-3.75 FT)

Phoenix I.D.: BJ86813

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					09/03/15	G/AG/I/LK	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1221	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1232	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1242	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1248	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1254	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1260	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1262	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1268	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	99			%	2	09/05/15	AW	30 - 150 %
% TCMX	93			%	2	09/05/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	4.0		ug/Kg	2	09/05/15	CE	SW8081B
4,4' -DDE	ND	2.5		ug/Kg	2	09/05/15	CE	SW8081B
4,4' -DDT	ND	2.5		ug/Kg	2	09/05/15	CE	SW8081B
a-BHC	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
a-Chlordane	ND	4.1		ug/Kg	2	09/05/15	CE	SW8081B
Aldrin	ND	4.1		ug/Kg	2	09/05/15	CE	SW8081B
b-BHC	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
Chlordane	ND	41		ug/Kg	2	09/05/15	CE	SW8081B
d-BHC	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
Dieldrin	ND	4.1		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan I	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan II	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan sulfate	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
Endrin	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
Endrin aldehyde	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
Endrin ketone	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
g-BHC	ND	7.0		ug/Kg	2	09/05/15	CE	SW8081B
g-Chlordane	ND	6.0		ug/Kg	2	09/05/15	CE	SW8081B
Heptachlor	ND	10		ug/Kg	2	09/05/15	CE	SW8081B
Heptachlor epoxide	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
Methoxychlor	ND	41		ug/Kg	2	09/05/15	CE	SW8081B
Toxaphene	ND	170		ug/Kg	2	09/05/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	137			%	2	09/05/15	CE	30 - 150 %
% TCMX	108			%	2	09/05/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	290	150	ug/Kg	1	09/04/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	290	190	ug/Kg	1	09/04/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	1	09/04/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D
2,4-Dichlorophenol	ND	170	150	ug/Kg	1	09/04/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-3, 3-3.75 FT)

Phoenix I.D.: BJ86813

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrophenol	ND	290	290	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	160	ug/Kg	1	09/04/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chloronaphthalene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chlorophenol	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylnaphthalene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	290	190	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitroaniline	ND	2100	420	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitrophenol	ND	290	260	ug/Kg	1	09/04/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	1	09/04/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	170	170	ug/Kg	1	09/04/15	DD	SW8270D	
3-Nitroaniline	ND	2100	900	ug/Kg	1	09/04/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	290	290	ug/Kg	1	09/04/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	290	150	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloroaniline	ND	830	190	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitroaniline	ND	2100	140	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitrophenol	ND	290	190	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthylene	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D	
Acetophenone	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Anthracene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Atrazine	ND	170	170	ug/Kg	1	09/04/15	DD	SW8270D	
Benz(a)anthracene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzaldehyde	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(a)pyrene	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(ghi)perylene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Caprolactam	ND	290	290	ug/Kg	1	09/04/15	DD	SW8270D	
Carbazole	ND	2100	310	ug/Kg	1	09/04/15	DD	SW8270D	
Chrysene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenzofuran	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Diethyl phthalate	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Dimethylphthalate	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-butylphthalate	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-octylphthalate	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Fluoranthene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Fluorene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobenzene	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobutadiene	ND	290	150	ug/Kg	1	09/04/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-3, 3-3.75 FT)

Phoenix I.D.: BJ86813

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachloroethane	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Isophorone	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D	
Naphthalene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Nitrobenzene	ND	170	140	ug/Kg	1	09/04/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	170	160	ug/Kg	1	09/04/15	DD	SW8270D	
Pentachlorophenol	ND	290	160	ug/Kg	1	09/04/15	DD	SW8270D	
Phenanthrene	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D	
Phenol	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Pyrene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	49			%	1	09/04/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	44			%	1	09/04/15	DD	30 - 130 %	
% 2-Fluorophenol	29			%	1	09/04/15	DD	30 - 130 %	3
% Nitrobenzene-d5	41			%	1	09/04/15	DD	30 - 130 %	
% Phenol-d5	34			%	1	09/04/15	DD	30 - 130 %	
% Terphenyl-d14	61			%	1	09/04/15	DD	30 - 130 %	
SVOA Library Search Top 15	Completed					09/04/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Pesticide Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	15:00
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86814

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-4, 4.0 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	80			%		09/04/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100		ug/kg	1	09/11/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
2-Hexanone	ND	31	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	31	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
Acetone	ND	50	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
Benzene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Bromochloromethane	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Bromodichloromethane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Bromoform	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Bromomethane	ND	6.3	2.5	ug/Kg	1	09/11/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-4, 4.0 FT)

Phoenix I.D.: BJ86814

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Carbon tetrachloride	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Chlorobenzene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroethane	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroform	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Chloromethane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,2-Dichloroethene	2.5	J	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Cyclohexane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Dibromochloromethane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Dichlorodifluoromethane	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Ethylbenzene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Isopropylbenzene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
m&p-Xylene	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl ethyl ketone	ND		38	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		13	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methylacetate	ND		6.3	3.1	ug/Kg	1	09/11/15	JLI	SW8260C
Methylcyclohexane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methylene chloride	ND		6.3	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
o-Xylene	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Styrene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Tetrachloroethene	2600		310	63	ug/Kg	50	09/11/15	JLI	SW8260C
Toluene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Total Xylenes	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Trichloroethene	64	J	310	31	ug/Kg	50	09/11/15	JLI	SW8260C
Trichlorofluoromethane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Vinyl chloride	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	1	09/11/15	JLI	70 - 130 %
% Bromofluorobenzene	98				%	1	09/11/15	JLI	70 - 130 %
% Dibromofluoromethane	105				%	1	09/11/15	JLI	70 - 130 %
% Toluene-d8	97				%	1	09/11/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						09/11/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-4, 4.0 FT)

Phoenix I.D.: BJ86814

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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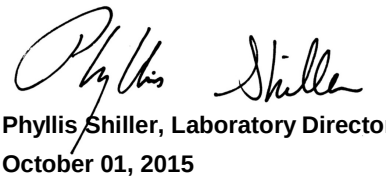

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	15:00
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86815

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-4, 3.75-4.75 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	14000	40		mg/Kg	10	09/04/15	EK	SW6010C
Antimony	< 2.0	2.0		mg/Kg	1	09/04/15	EK	SW6010C
Arsenic	5.3	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Barium	101	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Beryllium	0.80	0.32		mg/Kg	1	09/04/15	EK	SW6010C
Calcium	11300	4.0		mg/Kg	1	09/04/15	EK	SW6010C
Cadmium	< 0.40	0.40		mg/Kg	1	09/04/15	EK	SW6010C
Chromium	18.2	0.40		mg/Kg	1	09/04/15	EK	SW6010C
Cobalt	10.1	0.40		mg/Kg	1	09/04/15	EK	SW6010C
Copper	27.1	0.40		mg/kg	1	09/04/15	EK	SW6010C
Iron	23800	40		mg/Kg	10	09/04/15	EK	SW6010C
Lead	136	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Magnesium	4650	4.0		mg/Kg	1	09/04/15	EK	SW6010C
Manganese	469	4.0		mg/Kg	10	09/04/15	EK	SW6010C
Mercury	0.31	0.03		mg/Kg	1	09/08/15	RS	SW7471B
Nickel	20.0	0.40		mg/Kg	1	09/04/15	EK	SW6010C
Potassium	2430	8		mg/Kg	1	09/04/15	EK	SW6010C
Selenium	< 1.6	1.6		mg/Kg	1	09/04/15	EK	SW6010C
Silver	< 0.40	0.40		mg/Kg	1	09/04/15	EK	SW6010C
Sodium	178	8		mg/Kg	1	09/04/15	EK	SW6010C
Thallium	< 1.6	1.6		mg/Kg	1	09/04/15	EK	SW6010C
Vanadium	27.1	0.4		mg/Kg	1	09/04/15	EK	SW6010C
Zinc	81.0	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Percent Solid	81			%		09/04/15	I	SW846-%Solid
Soil Extraction for PCB	Completed					09/03/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					09/03/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed					09/03/15	JJ/VH	SW3545A
Mercury Digestion	Completed					09/08/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-4, 3.75-4.75 FT)

Phoenix I.D.: BJ86815

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					09/03/15	G/AG/I/LK	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1221	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1232	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1242	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1248	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1254	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1260	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1262	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1268	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	93			%	2	09/05/15	AW	30 - 150 %
% TCMX	84			%	2	09/05/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.4		ug/Kg	2	09/04/15	CE	SW8081B
4,4' -DDE	ND	2.4		ug/Kg	2	09/04/15	CE	SW8081B
4,4' -DDT	ND	2.4		ug/Kg	2	09/04/15	CE	SW8081B
a-BHC	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
a-Chlordane	ND	4.1		ug/Kg	2	09/04/15	CE	SW8081B
Aldrin	ND	4.1		ug/Kg	2	09/04/15	CE	SW8081B
b-BHC	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
Chlordane	ND	41		ug/Kg	2	09/04/15	CE	SW8081B
d-BHC	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
Dieldrin	ND	4.1		ug/Kg	2	09/04/15	CE	SW8081B
Endosulfan I	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
Endosulfan II	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
Endosulfan sulfate	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
Endrin	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
Endrin aldehyde	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
Endrin ketone	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
g-BHC	ND	4.0		ug/Kg	2	09/04/15	CE	SW8081B
g-Chlordane	ND	4.1		ug/Kg	2	09/04/15	CE	SW8081B
Heptachlor	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
Heptachlor epoxide	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
Methoxychlor	ND	41		ug/Kg	2	09/04/15	CE	SW8081B
Toxaphene	ND	160		ug/Kg	2	09/04/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	106			%	2	09/04/15	CE	30 - 150 %
% TCMX	90			%	2	09/04/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	290	190	ug/Kg	1	09/04/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	220	ug/Kg	1	09/04/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D
2,4-Dichlorophenol	ND	160	140	ug/Kg	1	09/04/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-4, 3.75-4.75 FT)

Phoenix I.D.: BJ86815

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrophenol	ND	290	290	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	160	160	ug/Kg	1	09/04/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chloronaphthalene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chlorophenol	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylnaphthalene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	290	190	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitroaniline	ND	2000	410	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitrophenol	ND	290	260	ug/Kg	1	09/04/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	1	09/04/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	160	160	ug/Kg	1	09/04/15	DD	SW8270D	
3-Nitroaniline	ND	2000	890	ug/Kg	1	09/04/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	290	290	ug/Kg	1	09/04/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloroaniline	ND	820	190	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitroaniline	ND	2000	140	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitrophenol	ND	290	180	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthylene	ND	160	110	ug/Kg	1	09/04/15	DD	SW8270D	
Acetophenone	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Anthracene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Atrazine	ND	160	160	ug/Kg	1	09/04/15	DD	SW8270D	
Benz(a)anthracene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzaldehyde	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(a)pyrene	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(ghi)perylene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	160	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Caprolactam	ND	290	290	ug/Kg	1	09/04/15	DD	SW8270D	
Carbazole	ND	2000	310	ug/Kg	1	09/04/15	DD	SW8270D	
Chrysene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenzofuran	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Diethyl phthalate	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Dimethylphthalate	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-butylphthalate	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-octylphthalate	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Fluoranthene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Fluorene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobenzene	ND	160	120	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobutadiene	ND	290	150	ug/Kg	1	09/04/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-4, 3.75-4.75 FT)

Phoenix I.D.: BJ86815

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorocyclopentadiene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D
Hexachloroethane	ND	160	120	ug/Kg	1	09/04/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D
Isophorone	ND	160	110	ug/Kg	1	09/04/15	DD	SW8270D
Naphthalene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D
Nitrobenzene	ND	160	140	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodimethylamine	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	160	160	ug/Kg	1	09/04/15	DD	SW8270D
Pentachlorophenol	ND	290	150	ug/Kg	1	09/04/15	DD	SW8270D
Phenanthrene	ND	160	120	ug/Kg	1	09/04/15	DD	SW8270D
Phenol	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D
Pyrene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	76			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorobiphenyl	56			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorophenol	46			%	1	09/04/15	DD	30 - 130 %
% Nitrobenzene-d5	64			%	1	09/04/15	DD	30 - 130 %
% Phenol-d5	51			%	1	09/04/15	DD	30 - 130 %
% Terphenyl-d14	69			%	1	09/04/15	DD	30 - 130 %
SVOA Library Search Top 15	Completed					09/08/15	DD	

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Pesticide Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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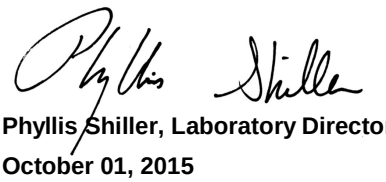

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	15:15
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86816

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-6, 6.5 FT)

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	78				%		09/04/15	I	SW846-%Solid
1,4-dioxane									
1,4-dioxane	ND		100		ug/kg	1	09/11/15	JLI	SW8260C
Volatiles									
1,1,1-Trichloroethane	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2-Trichloroethane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromoethane	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichlorobenzene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloroethane	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloropropane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,3-Dichlorobenzene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
1,4-Dichlorobenzene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
2-Hexanone	ND		32	6.4	ug/Kg	1	09/11/15	JLI	SW8260C
4-Methyl-2-pentanone	ND		32	6.4	ug/Kg	1	09/11/15	JLI	SW8260C
Acetone	13	JS	50	6.4	ug/Kg	1	09/11/15	JLI	SW8260C
Benzene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Bromochloromethane	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Bromodichloromethane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Bromoform	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Bromomethane	ND		6.4	2.6	ug/Kg	1	09/11/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-6, 6.5 FT)

Phoenix I.D.: BJ86816

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Carbon tetrachloride	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Chlorobenzene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroethane	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroform	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Chloromethane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,2-Dichloroethene	80	J	250	32	ug/Kg	50	09/11/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Cyclohexane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Dibromochloromethane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Dichlorodifluoromethane	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Ethylbenzene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Isopropylbenzene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
m&p-Xylene	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl ethyl ketone	ND		38	6.4	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		13	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methylacetate	ND		6.4	3.2	ug/Kg	1	09/11/15	JLI	SW8260C
Methylcyclohexane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methylene chloride	ND		6.4	6.4	ug/Kg	1	09/11/15	JLI	SW8260C
o-Xylene	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Styrene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Tetrachloroethene	320		320	64	ug/Kg	50	09/11/15	JLI	SW8260C
Toluene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Total Xylenes	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,2-Dichloroethene	1.0	J	6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Trichloroethene	81	J	320	32	ug/Kg	50	09/11/15	JLI	SW8260C
Trichlorofluoromethane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Vinyl chloride	3.0	J	6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	1	09/11/15	JLI	70 - 130 %
% Bromofluorobenzene	99				%	1	09/11/15	JLI	70 - 130 %
% Dibromofluoromethane	102				%	1	09/11/15	JLI	70 - 130 %
% Toluene-d8	98				%	1	09/11/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						09/11/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-6, 6.5 FT)

Phoenix I.D.: BJ86816

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	15:15
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86817

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-6, 6-7 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	11900	40		mg/Kg	10	09/04/15	EK	SW6010C
Antimony	< 2.0	2.0		mg/Kg	1	09/04/15	EK	SW6010C
Arsenic	4.1	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Barium	85.9	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Beryllium	0.72	0.32		mg/Kg	1	09/04/15	EK	SW6010C
Calcium	3820	4.0		mg/Kg	1	09/04/15	EK	SW6010C
Cadmium	< 0.40	0.40		mg/Kg	1	09/04/15	EK	SW6010C
Chromium	15.9	0.40		mg/Kg	1	09/04/15	EK	SW6010C
Cobalt	9.44	0.40		mg/Kg	1	09/04/15	EK	SW6010C
Copper	20.1	0.40		mg/kg	1	09/04/15	EK	SW6010C
Iron	19300	40		mg/Kg	10	09/04/15	EK	SW6010C
Lead	85.1	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Magnesium	3560	4.0		mg/Kg	1	09/04/15	EK	SW6010C
Manganese	355	4.0		mg/Kg	10	09/04/15	EK	SW6010C
Mercury	0.26	0.03		mg/Kg	1	09/08/15	RS	SW7471B
Nickel	17.8	0.40		mg/Kg	1	09/04/15	EK	SW6010C
Potassium	1910	8		mg/Kg	1	09/04/15	EK	SW6010C
Selenium	< 1.6	1.6		mg/Kg	1	09/04/15	EK	SW6010C
Silver	< 0.40	0.40		mg/Kg	1	09/04/15	EK	SW6010C
Sodium	141	8		mg/Kg	1	09/04/15	EK	SW6010C
Thallium	< 1.6	1.6		mg/Kg	1	09/04/15	EK	SW6010C
Vanadium	25.2	0.4		mg/Kg	1	09/04/15	EK	SW6010C
Zinc	62.2	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Percent Solid	79			%		09/04/15	I	SW846-%Solid
Soil Extraction for PCB	Completed					09/03/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					09/03/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed					09/04/15	BB/H	SW3545A
Mercury Digestion	Completed					09/08/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-6, 6-7 FT)

Phoenix I.D.: BJ86817

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					09/03/15	G/AG/I/LK	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1221	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1232	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1242	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1248	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1254	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1260	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1262	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1268	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	95			%	2	09/05/15	AW	30 - 150 %
% TCMX	90			%	2	09/05/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.5		ug/Kg	2	09/04/15	CE	SW8081B
4,4' -DDE	ND	2.5		ug/Kg	2	09/04/15	CE	SW8081B
4,4' -DDT	ND	4.0		ug/Kg	2	09/04/15	CE	SW8081B
a-BHC	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
a-Chlordane	ND	4.1		ug/Kg	2	09/04/15	CE	SW8081B
Aldrin	ND	4.1		ug/Kg	2	09/04/15	CE	SW8081B
b-BHC	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
Chlordane	ND	41		ug/Kg	2	09/04/15	CE	SW8081B
d-BHC	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
Dieldrin	ND	4.1		ug/Kg	2	09/04/15	CE	SW8081B
Endosulfan I	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
Endosulfan II	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
Endosulfan sulfate	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
Endrin	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
Endrin aldehyde	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
Endrin ketone	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
g-BHC	ND	4.0		ug/Kg	2	09/04/15	CE	SW8081B
g-Chlordane	ND	4.1		ug/Kg	2	09/04/15	CE	SW8081B
Heptachlor	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
Heptachlor epoxide	ND	8.2		ug/Kg	2	09/04/15	CE	SW8081B
Methoxychlor	ND	41		ug/Kg	2	09/04/15	CE	SW8081B
Toxaphene	ND	160		ug/Kg	2	09/04/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	111			%	2	09/04/15	CE	30 - 150 %
% TCMX	96			%	2	09/04/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	290	130	ug/Kg	1	09/05/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	290	150	ug/Kg	1	09/05/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	290	200	ug/Kg	1	09/05/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	1	09/05/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	130	ug/Kg	1	09/05/15	DD	SW8270D
2,4-Dichlorophenol	ND	170	150	ug/Kg	1	09/05/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-6, 6-7 FT)

Phoenix I.D.: BJ86817

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	09/05/15	DD	SW8270D	
2,4-Dinitrophenol	ND	290	290	ug/Kg	1	09/05/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	170	ug/Kg	1	09/05/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	130	ug/Kg	1	09/05/15	DD	SW8270D	
2-Chloronaphthalene	ND	290	120	ug/Kg	1	09/05/15	DD	SW8270D	
2-Chlorophenol	ND	290	120	ug/Kg	1	09/05/15	DD	SW8270D	
2-Methylnaphthalene	ND	290	130	ug/Kg	1	09/05/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	290	200	ug/Kg	1	09/05/15	DD	SW8270D	
2-Nitroaniline	ND	2100	420	ug/Kg	1	09/05/15	DD	SW8270D	
2-Nitrophenol	ND	290	270	ug/Kg	1	09/05/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	290	170	ug/Kg	1	09/05/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	170	170	ug/Kg	1	09/05/15	DD	SW8270D	
3-Nitroaniline	ND	2100	910	ug/Kg	1	09/05/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	290	290	ug/Kg	1	09/05/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	09/05/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	290	150	ug/Kg	1	09/05/15	DD	SW8270D	
4-Chloroaniline	ND	840	200	ug/Kg	1	09/05/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	09/05/15	DD	SW8270D	
4-Nitroaniline	ND	2100	140	ug/Kg	1	09/05/15	DD	SW8270D	
4-Nitrophenol	ND	290	190	ug/Kg	1	09/05/15	DD	SW8270D	
Acenaphthene	ND	290	130	ug/Kg	1	09/05/15	DD	SW8270D	
Acenaphthylene	ND	170	120	ug/Kg	1	09/05/15	DD	SW8270D	
Acetophenone	ND	290	130	ug/Kg	1	09/05/15	DD	SW8270D	
Anthracene	ND	290	140	ug/Kg	1	09/05/15	DD	SW8270D	
Atrazine	ND	170	170	ug/Kg	1	09/05/15	DD	SW8270D	
Benz(a)anthracene	ND	290	140	ug/Kg	1	09/05/15	DD	SW8270D	
Benzaldehyde	ND	290	120	ug/Kg	1	09/05/15	DD	SW8270D	
Benzo(a)pyrene	ND	170	140	ug/Kg	1	09/05/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	09/05/15	DD	SW8270D	
Benzo(ghi)perylene	ND	290	140	ug/Kg	1	09/05/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	09/05/15	DD	SW8270D	
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	09/05/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	290	120	ug/Kg	1	09/05/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	110	ug/Kg	1	09/05/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	290	120	ug/Kg	1	09/05/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	1	09/05/15	DD	SW8270D	
Caprolactam	ND	290	290	ug/Kg	1	09/05/15	DD	SW8270D	
Carbazole	ND	2100	320	ug/Kg	1	09/05/15	DD	SW8270D	
Chrysene	ND	290	140	ug/Kg	1	09/05/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	140	ug/Kg	1	09/05/15	DD	SW8270D	
Dibenzofuran	ND	290	120	ug/Kg	1	09/05/15	DD	SW8270D	
Diethyl phthalate	ND	290	130	ug/Kg	1	09/05/15	DD	SW8270D	
Dimethylphthalate	ND	290	130	ug/Kg	1	09/05/15	DD	SW8270D	
Di-n-butylphthalate	ND	290	110	ug/Kg	1	09/05/15	DD	SW8270D	
Di-n-octylphthalate	ND	290	110	ug/Kg	1	09/05/15	DD	SW8270D	
Fluoranthene	ND	290	140	ug/Kg	1	09/05/15	DD	SW8270D	
Fluorene	ND	290	140	ug/Kg	1	09/05/15	DD	SW8270D	
Hexachlorobenzene	ND	170	120	ug/Kg	1	09/05/15	DD	SW8270D	
Hexachlorobutadiene	ND	290	150	ug/Kg	1	09/05/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-6, 6-7 FT)

Phoenix I.D.: BJ86817

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	09/05/15	DD	SW8270D	
Hexachloroethane	ND	170	130	ug/Kg	1	09/05/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	09/05/15	DD	SW8270D	
Isophorone	ND	170	120	ug/Kg	1	09/05/15	DD	SW8270D	
Naphthalene	ND	290	120	ug/Kg	1	09/05/15	DD	SW8270D	
Nitrobenzene	ND	170	150	ug/Kg	1	09/05/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	290	120	ug/Kg	1	09/05/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	170	140	ug/Kg	1	09/05/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	170	160	ug/Kg	1	09/05/15	DD	SW8270D	
Pentachlorophenol	ND	290	160	ug/Kg	1	09/05/15	DD	SW8270D	
Phenanthrene	ND	170	120	ug/Kg	1	09/05/15	DD	SW8270D	
Phenol	ND	290	130	ug/Kg	1	09/05/15	DD	SW8270D	
Pyrene	ND	290	140	ug/Kg	1	09/05/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	26			%	1	09/05/15	DD	30 - 130 %	3
% 2-Fluorobiphenyl	25			%	1	09/05/15	DD	30 - 130 %	3
% 2-Fluorophenol	18			%	1	09/05/15	DD	30 - 130 %	3
% Nitrobenzene-d5	25			%	1	09/05/15	DD	30 - 130 %	3
% Phenol-d5	21			%	1	09/05/15	DD	30 - 130 %	3
% Terphenyl-d14	30			%	1	09/05/15	DD	30 - 130 %	
SVOA Library Search Top 15	Completed					09/08/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Semi-Volatile Comment:
Poor surrogate recoveries were observed. Sample was re-extracted with similar results.

Pesticide Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	10:00
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86818

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-8, 8.0 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	79			%		09/04/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	6200		ug/kg	50	09/11/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	310	31	ug/Kg	50	09/11/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	310	62	ug/Kg	50	09/11/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	310	62	ug/Kg	50	09/11/15	JLI	SW8260C
1,1-Dichloroethane	ND	310	62	ug/Kg	50	09/11/15	JLI	SW8260C
1,1-Dichloroethene	ND	310	31	ug/Kg	50	09/11/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	310	62	ug/Kg	50	09/11/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	310	62	ug/Kg	50	09/11/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	310	62	ug/Kg	50	09/11/15	JLI	SW8260C
1,2-Dibromoethane	ND	310	31	ug/Kg	50	09/11/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	310	31	ug/Kg	50	09/11/15	JLI	SW8260C
1,2-Dichloroethane	ND	310	31	ug/Kg	50	09/11/15	JLI	SW8260C
1,2-Dichloropropane	ND	310	62	ug/Kg	50	09/11/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	310	31	ug/Kg	50	09/11/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	310	31	ug/Kg	50	09/11/15	JLI	SW8260C
2-Hexanone	ND	1500	310	ug/Kg	50	09/11/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	1500	310	ug/Kg	50	09/11/15	JLI	SW8260C
Acetone	ND	3100	310	ug/Kg	50	09/11/15	JLI	SW8260C
Benzene	ND	310	31	ug/Kg	50	09/11/15	JLI	SW8260C
Bromochloromethane	ND	310	31	ug/Kg	50	09/11/15	JLI	SW8260C
Bromodichloromethane	ND	310	62	ug/Kg	50	09/11/15	JLI	SW8260C
Bromoform	ND	310	62	ug/Kg	50	09/11/15	JLI	SW8260C
Bromomethane	ND	310	120	ug/Kg	50	09/11/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-8, 8.0 FT)

Phoenix I.D.: BJ86818

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		310	62	ug/Kg	50	09/11/15	JLI	SW8260C
Carbon tetrachloride	ND		310	62	ug/Kg	50	09/11/15	JLI	SW8260C
Chlorobenzene	ND		310	31	ug/Kg	50	09/11/15	JLI	SW8260C
Chloroethane	ND		310	31	ug/Kg	50	09/11/15	JLI	SW8260C
Chloroform	ND		310	31	ug/Kg	50	09/11/15	JLI	SW8260C
Chloromethane	ND		310	62	ug/Kg	50	09/11/15	JLI	SW8260C
cis-1,2-Dichloroethene	330		310	31	ug/Kg	50	09/11/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		310	31	ug/Kg	50	09/11/15	JLI	SW8260C
Cyclohexane	ND		310	62	ug/Kg	50	09/11/15	JLI	SW8260C
Dibromochloromethane	ND		310	62	ug/Kg	50	09/11/15	JLI	SW8260C
Dichlorodifluoromethane	ND		310	31	ug/Kg	50	09/11/15	JLI	SW8260C
Ethylbenzene	ND		310	31	ug/Kg	50	09/11/15	JLI	SW8260C
Isopropylbenzene	ND		310	31	ug/Kg	50	09/11/15	JLI	SW8260C
m&p-Xylene	ND		310	62	ug/Kg	50	09/11/15	JLI	SW8260C
Methyl ethyl ketone	ND		1800	310	ug/Kg	50	09/11/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		620	62	ug/Kg	50	09/11/15	JLI	SW8260C
Methylacetate	ND		310	150	ug/Kg	50	09/11/15	JLI	SW8260C
Methylcyclohexane	ND		310	62	ug/Kg	50	09/11/15	JLI	SW8260C
Methylene chloride	ND		310	310	ug/Kg	50	09/11/15	JLI	SW8260C
o-Xylene	ND		310	62	ug/Kg	50	09/11/15	JLI	SW8260C
Styrene	ND		310	31	ug/Kg	50	09/11/15	JLI	SW8260C
Tetrachloroethene	130	J	310	62	ug/Kg	50	09/11/15	JLI	SW8260C
Toluene	ND		310	31	ug/Kg	50	09/11/15	JLI	SW8260C
Total Xylenes	ND		310	62	ug/Kg	50	09/11/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		310	31	ug/Kg	50	09/11/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		310	31	ug/Kg	50	09/11/15	JLI	SW8260C
Trichloroethene	180	J	310	31	ug/Kg	50	09/11/15	JLI	SW8260C
Trichlorofluoromethane	ND		310	62	ug/Kg	50	09/11/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		310	31	ug/Kg	50	09/11/15	JLI	SW8260C
Vinyl chloride	ND		310	31	ug/Kg	50	09/11/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98				%	50	09/11/15	JLI	70 - 130 %
% Bromofluorobenzene	116				%	50	09/11/15	JLI	70 - 130 %
% Dibromofluoromethane	98				%	50	09/11/15	JLI	70 - 130 %
% Toluene-d8	98				%	50	09/11/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						09/11/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-8, 8.0 FT)

Phoenix I.D.: BJ86818

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of non-target compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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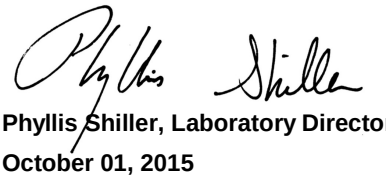

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	10:00
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86819

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-8, 7.75-8.0 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	13200	41		mg/Kg	10	09/04/15	EK	SW6010C
Antimony	< 2.0	2.0		mg/Kg	1	09/04/15	EK	SW6010C
Arsenic	6.9	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Barium	120	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Beryllium	0.75	0.32		mg/Kg	1	09/04/15	EK	SW6010C
Calcium	7850	4.1		mg/Kg	1	09/04/15	EK	SW6010C
Cadmium	< 0.41	0.41		mg/Kg	1	09/04/15	EK	SW6010C
Chromium	18.6	0.41		mg/Kg	1	09/04/15	EK	SW6010C
Cobalt	10.9	0.41		mg/Kg	1	09/04/15	EK	SW6010C
Copper	35.0	0.41		mg/kg	1	09/04/15	EK	SW6010C
Iron	26700	41		mg/Kg	10	09/04/15	EK	SW6010C
Lead	361	8.1		mg/Kg	10	09/04/15	EK	SW6010C
Magnesium	5000	4.1		mg/Kg	1	09/04/15	EK	SW6010C
Manganese	564	4.1		mg/Kg	10	09/04/15	EK	SW6010C
Mercury	3.06	0.16		mg/Kg	1	09/08/15	RS	SW7471B
Nickel	21.6	0.41		mg/Kg	1	09/04/15	EK	SW6010C
Potassium	2200	8		mg/Kg	1	09/04/15	EK	SW6010C
Selenium	< 1.6	1.6		mg/Kg	1	09/04/15	LK	SW6010C
Silver	< 0.41	0.41		mg/Kg	1	09/04/15	EK	SW6010C
Sodium	188	8		mg/Kg	1	09/04/15	EK	SW6010C
Thallium	< 1.6	1.6		mg/Kg	1	09/04/15	EK	SW6010C
Vanadium	24.5	0.4		mg/Kg	1	09/04/15	EK	SW6010C
Zinc	102	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Percent Solid	78			%		09/04/15	I	SW846-%Solid
Soil Extraction for PCB	Completed					09/03/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					09/03/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed					09/03/15	JJ/VH	SW3545A
Mercury Digestion	Completed					09/08/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-8, 7.75-8.0 FT)

Phoenix I.D.: BJ86819

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					09/03/15	G/AG/I/LK	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	43	43	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1221	ND	43	43	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1232	ND	43	43	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1242	ND	43	43	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1248	ND	43	43	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1254	ND	43	43	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1260	ND	43	43	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1262	ND	43	43	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1268	ND	43	43	ug/Kg	2	09/05/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	121			%	2	09/05/15	AW	30 - 150 %
% TCMX	100			%	2	09/05/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.6		ug/Kg	2	09/04/15	CE	SW8081B
4,4' -DDE	ND	2.6		ug/Kg	2	09/04/15	CE	SW8081B
4,4' -DDT	ND	2.6		ug/Kg	2	09/04/15	CE	SW8081B
a-BHC	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
a-Chlordane	ND	4.3		ug/Kg	2	09/04/15	CE	SW8081B
Aldrin	ND	4.3		ug/Kg	2	09/04/15	CE	SW8081B
b-BHC	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
Chlordane	ND	43		ug/Kg	2	09/04/15	CE	SW8081B
d-BHC	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
Dieldrin	ND	4.3		ug/Kg	2	09/04/15	CE	SW8081B
Endosulfan I	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
Endosulfan II	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
Endosulfan sulfate	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
Endrin	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
Endrin aldehyde	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
Endrin ketone	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
g-BHC	ND	5.0		ug/Kg	2	09/04/15	CE	SW8081B
g-Chlordane	ND	4.3		ug/Kg	2	09/04/15	CE	SW8081B
Heptachlor	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
Heptachlor epoxide	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
Methoxychlor	ND	43		ug/Kg	2	09/04/15	CE	SW8081B
Toxaphene	ND	170		ug/Kg	2	09/04/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	134			%	2	09/04/15	CE	30 - 150 %
% TCMX	125			%	2	09/04/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	300	130	ug/Kg	1	09/04/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	300	150	ug/Kg	1	09/04/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	300	200	ug/Kg	1	09/04/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	300	230	ug/Kg	1	09/04/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	140	ug/Kg	1	09/04/15	DD	SW8270D
2,4-Dichlorophenol	ND	170	150	ug/Kg	1	09/04/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-8, 7.75-8.0 FT)

Phoenix I.D.: BJ86819

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dimethylphenol	ND	300	110	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrophenol	ND	300	300	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	170	ug/Kg	1	09/04/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chloronaphthalene	ND	300	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chlorophenol	ND	300	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylnaphthalene	410	300	130	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	300	200	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitroaniline	ND	2100	430	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitrophenol	ND	300	270	ug/Kg	1	09/04/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	300	170	ug/Kg	1	09/04/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	170	170	ug/Kg	1	09/04/15	DD	SW8270D	
3-Nitroaniline	ND	2100	930	ug/Kg	1	09/04/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	300	300	ug/Kg	1	09/04/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	300	130	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloroaniline	ND	850	200	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	300	140	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitroaniline	ND	2100	140	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitrophenol	ND	300	190	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthene	ND	300	130	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthylene	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D	
Acetophenone	ND	300	130	ug/Kg	1	09/04/15	DD	SW8270D	
Anthracene	ND	300	140	ug/Kg	1	09/04/15	DD	SW8270D	
Atrazine	ND	170	170	ug/Kg	1	09/04/15	DD	SW8270D	
Benz(a)anthracene	ND	300	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzaldehyde	ND	300	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(a)pyrene	ND	170	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	300	150	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(ghi)perylene	ND	300	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	300	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzyl butyl phthalate	ND	300	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	300	120	ug/Kg	1	09/04/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	300	120	ug/Kg	1	09/04/15	DD	SW8270D	
Caprolactam	ND	300	300	ug/Kg	1	09/04/15	DD	SW8270D	
Carbazole	ND	2100	320	ug/Kg	1	09/04/15	DD	SW8270D	
Chrysene	ND	300	140	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	140	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenzofuran	ND	300	120	ug/Kg	1	09/04/15	DD	SW8270D	
Diethyl phthalate	ND	300	130	ug/Kg	1	09/04/15	DD	SW8270D	
Dimethylphthalate	ND	300	130	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-butylphthalate	ND	300	110	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-octylphthalate	ND	300	110	ug/Kg	1	09/04/15	DD	SW8270D	
Fluoranthene	ND	300	140	ug/Kg	1	09/04/15	DD	SW8270D	
Fluorene	ND	300	140	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobenzene	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobutadiene	ND	300	150	ug/Kg	1	09/04/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-9 (S-8, 7.75-8.0 FT)

Phoenix I.D.: BJ86819

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorocyclopentadiene	ND		300	130	ug/Kg	1	09/04/15	DD	SW8270D
Hexachloroethane	ND		170	130	ug/Kg	1	09/04/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND		300	140	ug/Kg	1	09/04/15	DD	SW8270D
Isophorone	ND		170	120	ug/Kg	1	09/04/15	DD	SW8270D
Naphthalene	ND		300	120	ug/Kg	1	09/04/15	DD	SW8270D
Nitrobenzene	ND		170	150	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodimethylamine	ND		300	120	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND		170	140	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodiphenylamine	ND		170	160	ug/Kg	1	09/04/15	DD	SW8270D
Pentachlorophenol	ND		300	160	ug/Kg	1	09/04/15	DD	SW8270D
Phenanthrene	130	J	170	120	ug/Kg	1	09/04/15	DD	SW8270D
Phenol	ND		300	140	ug/Kg	1	09/04/15	DD	SW8270D
Pyrene	ND		300	150	ug/Kg	1	09/04/15	DD	SW8270D
QA/QC Surrogates									
% 2,4,6-Tribromophenol	64				%	1	09/04/15	DD	30 - 130 %
% 2-Fluorobiphenyl	49				%	1	09/04/15	DD	30 - 130 %
% 2-Fluorophenol	30				%	1	09/04/15	DD	30 - 130 %
% Nitrobenzene-d5	45				%	1	09/04/15	DD	30 - 130 %
% Phenol-d5	39				%	1	09/04/15	DD	30 - 130 %
% Terphenyl-d14	73				%	1	09/04/15	DD	30 - 130 %
SVOA Library Search Top 15	Completed						09/04/15	DD	

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	10:00
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86820

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-3, 3.5 FT)

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	79				%		09/04/15	I	SW846-%Solid
1,4-dioxane									
1,4-dioxane	ND		100		ug/kg	1	09/11/15	JLI	SW8260C
Volatiles									
1,1,1-Trichloroethane	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2-Trichloroethane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromoethane	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichlorobenzene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloroethane	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloropropane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,3-Dichlorobenzene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
1,4-Dichlorobenzene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
2-Hexanone	ND		32	6.4	ug/Kg	1	09/11/15	JLI	SW8260C
4-Methyl-2-pentanone	ND		32	6.4	ug/Kg	1	09/11/15	JLI	SW8260C
Acetone	8.0	JS	64	6.4	ug/Kg	1	09/11/15	JLI	SW8260C
Benzene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Bromochloromethane	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Bromodichloromethane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Bromoform	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Bromomethane	ND		6.4	2.6	ug/Kg	1	09/11/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-3, 3.5 FT)

Phoenix I.D.: BJ86820

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Carbon tetrachloride	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Chlorobenzene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroethane	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroform	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Chloromethane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,2-Dichloroethene	6.3	J	6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Cyclohexane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Dibromochloromethane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Dichlorodifluoromethane	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Ethylbenzene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Isopropylbenzene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
m&p-Xylene	1.8	J	6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl ethyl ketone	ND		38	6.4	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		13	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methylacetate	ND		6.4	3.2	ug/Kg	1	09/11/15	JLI	SW8260C
Methylcyclohexane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methylene chloride	ND		6.4	6.4	ug/Kg	1	09/11/15	JLI	SW8260C
o-Xylene	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Styrene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Tetrachloroethene	1700		320	63	ug/Kg	50	09/11/15	JLI	SW8260C
Toluene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Total Xylenes	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Trichloroethene	120	J	320	32	ug/Kg	50	09/11/15	JLI	SW8260C
Trichlorofluoromethane	ND		6.4	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
Vinyl chloride	ND		6.4	0.64	ug/Kg	1	09/11/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	1	09/11/15	JLI	70 - 130 %
% Bromofluorobenzene	97				%	1	09/11/15	JLI	70 - 130 %
% Dibromofluoromethane	99				%	1	09/11/15	JLI	70 - 130 %
% Toluene-d8	97				%	1	09/11/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						09/11/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-3, 3.5 FT)

Phoenix I.D.: BJ86820

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	10:00
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86821

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-3, 3-4 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	19600	41		mg/Kg	10	09/04/15	EK	SW6010C
Antimony	< 2.1	2.1		mg/Kg	1	09/04/15	EK	SW6010C
Arsenic	9.0	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Barium	127	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Beryllium	1.08	0.33		mg/Kg	1	09/04/15	EK	SW6010C
Calcium	3480	4.1		mg/Kg	1	09/04/15	EK	SW6010C
Cadmium	< 0.41	0.41		mg/Kg	1	09/04/15	EK	SW6010C
Chromium	23.9	0.41		mg/Kg	1	09/04/15	EK	SW6010C
Cobalt	17.1	0.41		mg/Kg	1	09/04/15	EK	SW6010C
Copper	36.3	0.41		mg/kg	1	09/04/15	EK	SW6010C
Iron	30400	41		mg/Kg	10	09/04/15	EK	SW6010C
Lead	198	8.2		mg/Kg	10	09/04/15	EK	SW6010C
Magnesium	4730	4.1		mg/Kg	1	09/04/15	EK	SW6010C
Manganese	907	4.1		mg/Kg	10	09/04/15	EK	SW6010C
Mercury	0.41	0.03		mg/Kg	1	09/08/15	RS	SW7471B
Nickel	23.5	0.41		mg/Kg	1	09/04/15	EK	SW6010C
Potassium	2780	8		mg/Kg	1	09/04/15	EK	SW6010C
Selenium	< 1.6	1.6		mg/Kg	1	09/04/15	EK	SW6010C
Silver	< 0.41	0.41		mg/Kg	1	09/04/15	EK	SW6010C
Sodium	180	8		mg/Kg	1	09/04/15	EK	SW6010C
Thallium	< 1.6	1.6		mg/Kg	1	09/04/15	EK	SW6010C
Vanadium	39.0	0.4		mg/Kg	1	09/04/15	EK	SW6010C
Zinc	150	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Percent Solid	79			%		09/04/15	I	SW846-%Solid
Soil Extraction for PCB	Completed					09/03/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					09/03/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed					09/03/15	JJ/VH	SW3545A
Mercury Digestion	Completed					09/08/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-3, 3-4 FT)

Phoenix I.D.: BJ86821

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					09/03/15	G/AG/I/LK	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1221	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1232	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1242	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1248	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1254	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1260	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1262	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1268	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	107			%	2	09/05/15	AW	30 - 150 %
% TCMX	101			%	2	09/05/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.5		ug/Kg	2	09/05/15	CE	SW8081B
4,4' -DDE	ND	2.5		ug/Kg	2	09/05/15	CE	SW8081B
4,4' -DDT	ND	2.5		ug/Kg	2	09/05/15	CE	SW8081B
a-BHC	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
a-Chlordane	ND	4.1		ug/Kg	2	09/05/15	CE	SW8081B
Aldrin	ND	4.1		ug/Kg	2	09/05/15	CE	SW8081B
b-BHC	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
Chlordane	ND	41		ug/Kg	2	09/05/15	CE	SW8081B
d-BHC	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
Dieldrin	ND	4.1		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan I	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan II	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan sulfate	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
Endrin	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
Endrin aldehyde	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
Endrin ketone	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
g-BHC	ND	1.6		ug/Kg	2	09/05/15	CE	SW8081B
g-Chlordane	ND	4.1		ug/Kg	2	09/05/15	CE	SW8081B
Heptachlor	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
Heptachlor epoxide	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
Methoxychlor	ND	41		ug/Kg	2	09/05/15	CE	SW8081B
Toxaphene	ND	160		ug/Kg	2	09/05/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	105			%	2	09/05/15	CE	30 - 150 %
% TCMX	104			%	2	09/05/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	290	150	ug/Kg	1	09/04/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	290	190	ug/Kg	1	09/04/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	1	09/04/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D
2,4-Dichlorophenol	ND	170	150	ug/Kg	1	09/04/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-3, 3-4 FT)

Phoenix I.D.: BJ86821

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrophenol	ND	290	290	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	160	ug/Kg	1	09/04/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chloronaphthalene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chlorophenol	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylnaphthalene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	290	200	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitroaniline	ND	2100	420	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitrophenol	ND	290	260	ug/Kg	1	09/04/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	1	09/04/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	170	170	ug/Kg	1	09/04/15	DD	SW8270D	
3-Nitroaniline	ND	2100	900	ug/Kg	1	09/04/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	290	290	ug/Kg	1	09/04/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	290	150	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloroaniline	ND	830	190	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitroaniline	ND	2100	140	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitrophenol	ND	290	190	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthylene	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D	
Acetophenone	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Anthracene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Atrazine	ND	170	170	ug/Kg	1	09/04/15	DD	SW8270D	
Benz(a)anthracene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzaldehyde	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(a)pyrene	ND	170	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(ghi)perylene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Caprolactam	ND	290	290	ug/Kg	1	09/04/15	DD	SW8270D	
Carbazole	ND	2100	310	ug/Kg	1	09/04/15	DD	SW8270D	
Chrysene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenzofuran	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Diethyl phthalate	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Dimethylphthalate	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-butylphthalate	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-octylphthalate	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Fluoranthene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Fluorene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobenzene	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobutadiene	ND	290	150	ug/Kg	1	09/04/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-3, 3-4 FT)

Phoenix I.D.: BJ86821

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D
Hexachloroethane	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D
Isophorone	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D
Naphthalene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D
Nitrobenzene	ND	170	150	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodimethylamine	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	170	160	ug/Kg	1	09/04/15	DD	SW8270D
Pentachlorophenol	ND	290	160	ug/Kg	1	09/04/15	DD	SW8270D
Phenanthrene	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D
Phenol	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D
Pyrene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	72			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorobiphenyl	51			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorophenol	40			%	1	09/04/15	DD	30 - 130 %
% Nitrobenzene-d5	54			%	1	09/04/15	DD	30 - 130 %
% Phenol-d5	45			%	1	09/04/15	DD	30 - 130 %
% Terphenyl-d14	62			%	1	09/04/15	DD	30 - 130 %
SVOA Library Search Top 15	Completed					09/08/15	DD	

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	10:50
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86822

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-5, 5-6 FT)

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	82				%		09/04/15	I	SW846-%Solid
1,4-dioxane									
1,4-dioxane	ND		100		ug/kg	1	09/11/15	JLI	SW8260C
Volatiles									
1,1,1-Trichloroethane	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethane	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromoethane	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloroethane	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloropropane	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
1,3-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
1,4-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
2-Hexanone	ND		28	5.7	ug/Kg	1	09/11/15	JLI	SW8260C
4-Methyl-2-pentanone	ND		28	5.7	ug/Kg	1	09/11/15	JLI	SW8260C
Acetone	41	JS	57	5.7	ug/Kg	1	09/11/15	JLI	SW8260C
Benzene	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
Bromochloromethane	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
Bromodichloromethane	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
Bromoform	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
Bromomethane	ND		5.7	2.3	ug/Kg	1	09/11/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-5, 5-6 FT)

Phoenix I.D.: BJ86822

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
Carbon tetrachloride	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
Chlorobenzene	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroethane	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroform	0.77	J	5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
Chloromethane	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,2-Dichloroethene	110	J	310	31	ug/Kg	50	09/11/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
Cyclohexane	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
Dibromochloromethane	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
Dichlorodifluoromethane	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
Ethylbenzene	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
Isopropylbenzene	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
m&p-Xylene	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl ethyl ketone	ND		34	5.7	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		11	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
Methylacetate	ND		5.7	2.8	ug/Kg	1	09/11/15	JLI	SW8260C
Methylcyclohexane	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
Methylene chloride	25	S	5.7	5.7	ug/Kg	1	09/11/15	JLI	SW8260C
o-Xylene	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
Styrene	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
Tetrachloroethene	1500		310	62	ug/Kg	50	09/11/15	JLI	SW8260C
Toluene	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
Total Xylenes	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
Trichloroethene	220	J	310	31	ug/Kg	50	09/11/15	JLI	SW8260C
Trichlorofluoromethane	ND		5.7	1.1	ug/Kg	1	09/11/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
Vinyl chloride	ND		5.7	0.57	ug/Kg	1	09/11/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	1	09/11/15	JLI	70 - 130 %
% Bromofluorobenzene	98				%	1	09/11/15	JLI	70 - 130 %
% Dibromofluoromethane	104				%	1	09/11/15	JLI	70 - 130 %
% Toluene-d8	98				%	1	09/11/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						09/11/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-5, 5-6 FT)

Phoenix I.D.: BJ86822

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	10:50
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86823

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-5 - 5.6 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	19800	38		mg/Kg	10	09/04/15	EK	SW6010C
Antimony	< 1.9	1.9		mg/Kg	1	09/04/15	EK	SW6010C
Arsenic	7.6	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Barium	111	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Beryllium	1.19	0.30		mg/Kg	1	09/04/15	EK	SW6010C
Calcium	11000	3.8		mg/Kg	1	09/04/15	EK	SW6010C
Cadmium	< 0.38	0.38		mg/Kg	1	09/04/15	EK	SW6010C
Chromium	25.2	0.38		mg/Kg	1	09/04/15	EK	SW6010C
Cobalt	15.5	0.38		mg/Kg	1	09/04/15	EK	SW6010C
Copper	31.3	0.38		mg/kg	1	09/04/15	EK	SW6010C
Iron	36200	38		mg/Kg	10	09/04/15	EK	SW6010C
Lead	37.4	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Magnesium	7340	38		mg/Kg	10	09/04/15	EK	SW6010C
Manganese	672	3.8		mg/Kg	10	09/04/15	EK	SW6010C
Mercury	0.10	0.03		mg/Kg	1	09/08/15	RS	SW7471B
Nickel	28.7	0.38		mg/Kg	1	09/04/15	EK	SW6010C
Potassium	3520	75		mg/Kg	10	09/04/15	EK	SW6010C
Selenium	< 1.5	1.5		mg/Kg	1	09/04/15	EK	SW6010C
Silver	< 0.38	0.38		mg/Kg	1	09/04/15	EK	SW6010C
Sodium	393	8		mg/Kg	1	09/04/15	EK	SW6010C
Thallium	< 1.5	1.5		mg/Kg	1	09/04/15	EK	SW6010C
Vanadium	40.0	0.4		mg/Kg	1	09/04/15	EK	SW6010C
Zinc	85.4	0.8		mg/Kg	1	09/04/15	EK	SW6010C
Percent Solid	78			%		09/04/15	I	SW846-%Solid
Soil Extraction for PCB	Completed					09/03/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					09/03/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed					09/03/15	JJ/VH	SW3545A
Mercury Digestion	Completed					09/08/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-5 - 5.6 FT)

Phoenix I.D.: BJ86823

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					09/03/15	G/AG/I/LK	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	42	42	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1221	ND	42	42	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1232	ND	42	42	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1242	ND	42	42	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1248	ND	42	42	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1254	ND	42	42	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1260	ND	42	42	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1262	ND	42	42	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1268	ND	42	42	ug/Kg	2	09/05/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	92			%	2	09/05/15	AW	30 - 150 %
% TCMX	89			%	2	09/05/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.5		ug/Kg	2	09/05/15	CE	SW8081B
4,4' -DDE	ND	2.5		ug/Kg	2	09/05/15	CE	SW8081B
4,4' -DDT	ND	2.5		ug/Kg	2	09/05/15	CE	SW8081B
a-BHC	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
a-Chlordane	39	4.2		ug/Kg	2	09/05/15	CE	SW8081B
Aldrin	ND	4.2		ug/Kg	2	09/05/15	CE	SW8081B
b-BHC	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
Chlordane	190	42		ug/Kg	2	09/05/15	CE	SW8081B
d-BHC	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
Dieldrin	ND	4.2		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan I	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan II	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan sulfate	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
Endrin	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
Endrin aldehyde	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
Endrin ketone	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
g-BHC	ND	1.7		ug/Kg	2	09/05/15	CE	SW8081B
g-Chlordane	26	4.2		ug/Kg	2	09/05/15	CE	SW8081B
Heptachlor	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
Heptachlor epoxide	ND	8.3		ug/Kg	2	09/05/15	CE	SW8081B
Methoxychlor	ND	42		ug/Kg	2	09/05/15	CE	SW8081B
Toxaphene	ND	170		ug/Kg	2	09/05/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	95			%	2	09/05/15	CE	30 - 150 %
% TCMX	99			%	2	09/05/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	290	150	ug/Kg	1	09/04/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	290	200	ug/Kg	1	09/04/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	1	09/04/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D
2,4-Dichlorophenol	ND	170	150	ug/Kg	1	09/04/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-5 - 5.6 FT)

Phoenix I.D.: BJ86823

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrophenol	ND	290	290	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	170	ug/Kg	1	09/04/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chloronaphthalene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chlorophenol	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylnaphthalene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	290	200	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitroaniline	ND	2100	430	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitrophenol	ND	290	270	ug/Kg	1	09/04/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	290	170	ug/Kg	1	09/04/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	170	170	ug/Kg	1	09/04/15	DD	SW8270D	
3-Nitroaniline	ND	2100	920	ug/Kg	1	09/04/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	290	290	ug/Kg	1	09/04/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	290	150	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloroaniline	ND	840	200	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitroaniline	ND	2100	140	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitrophenol	ND	290	190	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthylene	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D	
Acetophenone	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Anthracene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Atrazine	ND	170	170	ug/Kg	1	09/04/15	DD	SW8270D	
Benz(a)anthracene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzaldehyde	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(a)pyrene	ND	170	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(ghi)perylene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Caprolactam	ND	290	290	ug/Kg	1	09/04/15	DD	SW8270D	
Carbazole	ND	2100	320	ug/Kg	1	09/04/15	DD	SW8270D	
Chrysene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	140	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenzofuran	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Diethyl phthalate	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Dimethylphthalate	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-butylphthalate	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-octylphthalate	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Fluoranthene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Fluorene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobenzene	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobutadiene	ND	290	150	ug/Kg	1	09/04/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-5 - 5.6 FT)

Phoenix I.D.: BJ86823

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D
Hexachloroethane	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D
Isophorone	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D
Naphthalene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D
Nitrobenzene	ND	170	150	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodimethylamine	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	170	140	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	170	160	ug/Kg	1	09/04/15	DD	SW8270D
Pentachlorophenol	ND	290	160	ug/Kg	1	09/04/15	DD	SW8270D
Phenanthrene	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D
Phenol	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D
Pyrene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	75			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorobiphenyl	53			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorophenol	39			%	1	09/04/15	DD	30 - 130 %
% Nitrobenzene-d5	57			%	1	09/04/15	DD	30 - 130 %
% Phenol-d5	47			%	1	09/04/15	DD	30 - 130 %
% Terphenyl-d14	50			%	1	09/04/15	DD	30 - 130 %
SVOA Library Search Top 15	Completed					09/08/15	DD	

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	11:20
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86824

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-6, 6.5 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	84			%		09/04/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100		ug/kg	1	09/11/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
2-Hexanone	ND	31	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	31	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
Acetone	ND	50	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
Benzene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Bromochloromethane	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Bromodichloromethane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Bromoform	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Bromomethane	ND	6.3	2.5	ug/Kg	1	09/11/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-6, 6.5 FT)

Phoenix I.D.: BJ86824

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Carbon tetrachloride	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Chlorobenzene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroethane	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroform	1.0	J	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Chloromethane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,2-Dichloroethene	570		310	31	ug/Kg	50	09/11/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Cyclohexane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Dibromochloromethane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Dichlorodifluoromethane	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Ethylbenzene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Isopropylbenzene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
m&p-Xylene	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl ethyl ketone	ND		38	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		13	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methylacetate	ND		6.3	3.1	ug/Kg	1	09/11/15	JLI	SW8260C
Methylcyclohexane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methylene chloride	19	S	6.3	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
o-Xylene	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Styrene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Tetrachloroethene	6300		310	61	ug/Kg	50	09/11/15	JLI	SW8260C
Toluene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Total Xylenes	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Trichloroethene	1100		310	31	ug/Kg	50	09/11/15	JLI	SW8260C
Trichlorofluoromethane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Vinyl chloride	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97				%	1	09/11/15	JLI	70 - 130 %
% Bromofluorobenzene	97				%	1	09/11/15	JLI	70 - 130 %
% Dibromofluoromethane	103				%	1	09/11/15	JLI	70 - 130 %
% Toluene-d8	100				%	1	09/11/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						09/11/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-6, 6.5 FT)

Phoenix I.D.: BJ86824

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	11:20
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86825

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-6, 6-7 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	14100	38		mg/Kg	10	09/05/15	LK	SW6010C
Antimony	< 1.9	1.9		mg/Kg	1	09/05/15	LK	SW6010C
Arsenic	6.8	0.8		mg/Kg	1	09/05/15	LK	SW6010C
Barium	135	0.8		mg/Kg	1	09/05/15	LK	SW6010C
Beryllium	0.89	0.31		mg/Kg	1	09/05/15	LK	SW6010C
Calcium	2520	3.8		mg/Kg	1	09/05/15	LK	SW6010C
Cadmium	0.74	0.38		mg/Kg	1	09/05/15	LK	SW6010C
Chromium	18.5	0.38		mg/Kg	1	09/05/15	LK	SW6010C
Cobalt	12.3	0.38		mg/Kg	1	09/05/15	LK	SW6010C
Copper	32.4	0.38		mg/kg	1	09/05/15	LK	SW6010C
Iron	26200	38		mg/Kg	10	09/05/15	LK	SW6010C
Lead	154	7.6		mg/Kg	10	09/05/15	LK	SW6010C
Magnesium	4600	3.8		mg/Kg	1	09/05/15	LK	SW6010C
Manganese	1070	3.8		mg/Kg	10	09/05/15	LK	SW6010C
Mercury	0.21	0.03		mg/Kg	1	09/08/15	RS	SW7471B
Nickel	24.5	0.38		mg/Kg	1	09/05/15	LK	SW6010C
Potassium	2570	8		mg/Kg	1	09/05/15	LK	SW6010C
Selenium	< 1.5	1.5		mg/Kg	1	09/05/15	LK	SW6010C
Silver	< 0.38	0.38		mg/Kg	1	09/05/15	LK	SW6010C
Sodium	160	8		mg/Kg	1	09/05/15	LK	SW6010C
Thallium	< 1.5	1.5		mg/Kg	1	09/05/15	LK	SW6010C
Vanadium	26.2	0.4		mg/Kg	1	09/05/15	LK	SW6010C
Zinc	410	7.6		mg/Kg	10	09/05/15	LK	SW6010C
Percent Solid	83			%		09/04/15	I	SW846-%Solid
Soil Extraction for PCB	Completed					09/03/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					09/03/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed					09/03/15	JJ/VH	SW3545A
Mercury Digestion	Completed					09/08/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-6, 6-7 FT)

Phoenix I.D.: BJ86825

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					09/03/15	G/AG/I/LK	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	39	39	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1221	ND	39	39	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1232	ND	39	39	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1242	ND	39	39	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1248	ND	39	39	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1254	ND	39	39	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1260	ND	39	39	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1262	ND	39	39	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1268	ND	39	39	ug/Kg	2	09/05/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	91			%	2	09/05/15	AW	30 - 150 %
% TCMX	90			%	2	09/05/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.3		ug/Kg	2	09/05/15	CE	SW8081B
4,4' -DDE	ND	2.3		ug/Kg	2	09/05/15	CE	SW8081B
4,4' -DDT	ND	2.3		ug/Kg	2	09/05/15	CE	SW8081B
a-BHC	ND	7.8		ug/Kg	2	09/05/15	CE	SW8081B
a-Chlordane	ND	3.9		ug/Kg	2	09/05/15	CE	SW8081B
Aldrin	ND	3.9		ug/Kg	2	09/05/15	CE	SW8081B
b-BHC	ND	7.8		ug/Kg	2	09/05/15	CE	SW8081B
Chlordane	ND	39		ug/Kg	2	09/05/15	CE	SW8081B
d-BHC	ND	7.8		ug/Kg	2	09/05/15	CE	SW8081B
Dieldrin	ND	3.9		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan I	ND	7.8		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan II	ND	7.8		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan sulfate	ND	7.8		ug/Kg	2	09/05/15	CE	SW8081B
Endrin	ND	7.8		ug/Kg	2	09/05/15	CE	SW8081B
Endrin aldehyde	ND	7.8		ug/Kg	2	09/05/15	CE	SW8081B
Endrin ketone	ND	7.8		ug/Kg	2	09/05/15	CE	SW8081B
g-BHC	ND	1.6		ug/Kg	2	09/05/15	CE	SW8081B
g-Chlordane	ND	3.9		ug/Kg	2	09/05/15	CE	SW8081B
Heptachlor	ND	7.8		ug/Kg	2	09/05/15	CE	SW8081B
Heptachlor epoxide	ND	7.8		ug/Kg	2	09/05/15	CE	SW8081B
Methoxychlor	ND	39		ug/Kg	2	09/05/15	CE	SW8081B
Toxaphene	ND	160		ug/Kg	2	09/05/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	100			%	2	09/05/15	CE	30 - 150 %
% TCMX	96			%	2	09/05/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	09/04/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	280	190	ug/Kg	1	09/04/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	09/04/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D
2,4-Dichlorophenol	ND	160	140	ug/Kg	1	09/04/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-6, 6-7 FT)

Phoenix I.D.: BJ86825

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dimethylphenol	ND	280	98	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	160	160	ug/Kg	1	09/04/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chloronaphthalene	ND	280	110	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chlorophenol	ND	280	110	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylnaphthalene	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitroaniline	ND	2000	400	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitrophenol	ND	280	250	ug/Kg	1	09/04/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	09/04/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	160	160	ug/Kg	1	09/04/15	DD	SW8270D	
3-Nitroaniline	ND	2000	860	ug/Kg	1	09/04/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	280	280	ug/Kg	1	09/04/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloroaniline	ND	790	180	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitroaniline	ND	2000	130	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitrophenol	ND	280	180	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthene	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthylene	ND	160	110	ug/Kg	1	09/04/15	DD	SW8270D	
Acetophenone	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D	
Anthracene	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D	
Atrazine	ND	160	160	ug/Kg	1	09/04/15	DD	SW8270D	
Benz(a)anthracene	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzaldehyde	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(a)pyrene	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	160	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	09/04/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	1	09/04/15	DD	SW8270D	
Caprolactam	ND	280	280	ug/Kg	1	09/04/15	DD	SW8270D	
Carbazole	ND	2000	300	ug/Kg	1	09/04/15	DD	SW8270D	
Chrysene	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenzofuran	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D	
Diethyl phthalate	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D	
Dimethylphthalate	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-butylphthalate	ND	280	110	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-octylphthalate	ND	280	100	ug/Kg	1	09/04/15	DD	SW8270D	
Fluoranthene	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D	
Fluorene	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobenzene	ND	160	120	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobutadiene	ND	280	140	ug/Kg	1	09/04/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-6, 6-7 FT)

Phoenix I.D.: BJ86825

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D
Hexachloroethane	ND	160	120	ug/Kg	1	09/04/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D
Isophorone	ND	160	110	ug/Kg	1	09/04/15	DD	SW8270D
Naphthalene	ND	280	110	ug/Kg	1	09/04/15	DD	SW8270D
Nitrobenzene	ND	160	140	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	160	150	ug/Kg	1	09/04/15	DD	SW8270D
Pentachlorophenol	ND	280	150	ug/Kg	1	09/04/15	DD	SW8270D
Phenanthrene	ND	160	110	ug/Kg	1	09/04/15	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	09/04/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	61			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorobiphenyl	47			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorophenol	33			%	1	09/04/15	DD	30 - 130 %
% Nitrobenzene-d5	51			%	1	09/04/15	DD	30 - 130 %
% Phenol-d5	39			%	1	09/04/15	DD	30 - 130 %
% Terphenyl-d14	61			%	1	09/04/15	DD	30 - 130 %
SVOA Library Search Top 15	Completed					09/08/15	DD	

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	11:30
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86826

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-10, 9.5 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	86			%		09/04/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100		ug/kg	1	09/11/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
2-Hexanone	ND	29	5.8	ug/Kg	1	09/11/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	29	5.8	ug/Kg	1	09/11/15	JLI	SW8260C
Acetone	ND	50	5.8	ug/Kg	1	09/11/15	JLI	SW8260C
Benzene	ND	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Bromochloromethane	ND	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Bromodichloromethane	ND	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Bromoform	ND	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Bromomethane	ND	5.8	2.3	ug/Kg	1	09/11/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-10, 9.5 FT)

Phoenix I.D.: BJ86826

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Carbon tetrachloride	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Chlorobenzene	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroethane	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroform	1.1	J	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Chloromethane	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,2-Dichloroethene	380		300	30	ug/Kg	50	09/12/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Cyclohexane	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Dibromochloromethane	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Dichlorodifluoromethane	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Ethylbenzene	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Isopropylbenzene	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
m&p-Xylene	1.4	J	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl ethyl ketone	ND		35	5.8	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Methylacetate	ND		5.8	2.9	ug/Kg	1	09/11/15	JLI	SW8260C
Methylcyclohexane	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Methylene chloride	9.3	S	5.8	5.8	ug/Kg	1	09/11/15	JLI	SW8260C
o-Xylene	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Styrene	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Tetrachloroethene	4400		300	59	ug/Kg	50	09/12/15	JLI	SW8260C
Toluene	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Total Xylenes	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Trichloroethene	710		300	30	ug/Kg	50	09/12/15	JLI	SW8260C
Trichlorofluoromethane	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Vinyl chloride	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96				%	1	09/11/15	JLI	70 - 130 %
% Bromofluorobenzene	94				%	1	09/11/15	JLI	70 - 130 %
% Dibromofluoromethane	104				%	1	09/11/15	JLI	70 - 130 %
% Toluene-d8	102				%	1	09/11/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						09/11/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-10, 9.5 FT)

Phoenix I.D.: BJ86826

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	11:30
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86827

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-10, 9-10 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	85			%		09/04/15	I	SW846-%Solid
Soil Extraction for SVOA	Completed					09/03/15	JJ/VH	SW3545A
Semivolatiles								
1,1-Biphenyl	ND	270	120	ug/Kg	1	09/04/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	1	09/04/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	270	180	ug/Kg	1	09/04/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	09/04/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	150	120	ug/Kg	1	09/04/15	DD	SW8270D
2,4-Dichlorophenol	ND	150	140	ug/Kg	1	09/04/15	DD	SW8270D
2,4-Dimethylphenol	ND	270	96	ug/Kg	1	09/04/15	DD	SW8270D
2,4-Dinitrophenol	ND	270	270	ug/Kg	1	09/04/15	DD	SW8270D
2,4-Dinitrotoluene	ND	150	150	ug/Kg	1	09/04/15	DD	SW8270D
2,6-Dinitrotoluene	ND	150	120	ug/Kg	1	09/04/15	DD	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	09/04/15	DD	SW8270D
2-Chlorophenol	ND	270	110	ug/Kg	1	09/04/15	DD	SW8270D
2-Methylnaphthalene	ND	270	120	ug/Kg	1	09/04/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	09/04/15	DD	SW8270D
2-Nitroaniline	ND	1900	390	ug/Kg	1	09/04/15	DD	SW8270D
2-Nitrophenol	ND	270	250	ug/Kg	1	09/04/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	09/04/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	150	150	ug/Kg	1	09/04/15	DD	SW8270D
3-Nitroaniline	ND	1900	840	ug/Kg	1	09/04/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	270	270	ug/Kg	1	09/04/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	09/04/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	09/04/15	DD	SW8270D
4-Chloroaniline	ND	770	180	ug/Kg	1	09/04/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	09/04/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-10, 9-10 FT)

Phoenix I.D.: BJ86827

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Nitroaniline	ND	1900	130	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitrophenol	ND	270	180	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthene	ND	270	120	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthylene	ND	150	110	ug/Kg	1	09/04/15	DD	SW8270D	
Acetophenone	ND	270	120	ug/Kg	1	09/04/15	DD	SW8270D	
Anthracene	ND	270	130	ug/Kg	1	09/04/15	DD	SW8270D	
Atrazine	ND	150	150	ug/Kg	1	09/04/15	DD	SW8270D	
Benz(a)anthracene	ND	270	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzaldehyde	ND	270	110	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(a)pyrene	ND	150	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	150	100	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	09/04/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	09/04/15	DD	SW8270D	
Caprolactam	ND	270	270	ug/Kg	1	09/04/15	DD	SW8270D	
Carbazole	ND	1900	290	ug/Kg	1	09/04/15	DD	SW8270D	
Chrysene	ND	270	130	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	150	130	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenzofuran	ND	270	110	ug/Kg	1	09/04/15	DD	SW8270D	
Diethyl phthalate	ND	270	120	ug/Kg	1	09/04/15	DD	SW8270D	
Dimethylphthalate	ND	270	120	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-butylphthalate	ND	270	100	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-octylphthalate	ND	270	100	ug/Kg	1	09/04/15	DD	SW8270D	
Fluoranthene	ND	270	130	ug/Kg	1	09/04/15	DD	SW8270D	
Fluorene	ND	270	130	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobenzene	ND	150	110	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobutadiene	ND	270	140	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachloroethane	ND	150	120	ug/Kg	1	09/04/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	09/04/15	DD	SW8270D	
Isophorone	ND	150	110	ug/Kg	1	09/04/15	DD	SW8270D	
Naphthalene	ND	270	110	ug/Kg	1	09/04/15	DD	SW8270D	
Nitrobenzene	ND	150	140	ug/Kg	1	09/04/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	09/04/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	150	130	ug/Kg	1	09/04/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	150	150	ug/Kg	1	09/04/15	DD	SW8270D	
Pentachlorophenol	ND	270	150	ug/Kg	1	09/04/15	DD	SW8270D	
Phenanthrene	ND	150	110	ug/Kg	1	09/04/15	DD	SW8270D	
Phenol	ND	270	120	ug/Kg	1	09/04/15	DD	SW8270D	
Pyrene	ND	270	130	ug/Kg	1	09/04/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	59			%	1	09/04/15	DD	30 - 130 %	
% 2-Fluorobiphenyl	44			%	1	09/04/15	DD	30 - 130 %	
% 2-Fluorophenol	25			%	1	09/04/15	DD	30 - 130 %	3
% Nitrobenzene-d5	46			%	1	09/04/15	DD	30 - 130 %	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-10 (S-10, 9-10 FT)

Phoenix I.D.: BJ86827

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	34			%	1	09/04/15	DD	30 - 130 %
% Terphenyl-d14	66			%	1	09/04/15	DD	30 - 130 %
SVOA Library Search Top 15	Completed					09/08/15	DD	

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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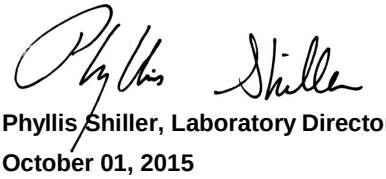

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	12:30
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86828

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-3 2.5 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87			%		09/04/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100		ug/kg	1	09/11/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
2-Hexanone	ND	30	5.9	ug/Kg	1	09/11/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	30	5.9	ug/Kg	1	09/11/15	JLI	SW8260C
Acetone	ND	50	5.9	ug/Kg	1	09/11/15	JLI	SW8260C
Benzene	ND	5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
Bromochloromethane	ND	5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
Bromodichloromethane	ND	5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Bromoform	ND	5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Bromomethane	ND	5.9	2.4	ug/Kg	1	09/11/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-3 2.5 FT)

Phoenix I.D.: BJ86828

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Carbon tetrachloride	ND		5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Chlorobenzene	ND		5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroethane	ND		5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroform	ND		5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
Chloromethane	ND		5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND		5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
Cyclohexane	ND		5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Dibromochloromethane	ND		5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Dichlorodifluoromethane	ND		5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
Ethylbenzene	ND		5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
Isopropylbenzene	ND		5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
m&p-Xylene	ND		5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl ethyl ketone	ND		36	5.9	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Methylacetate	ND		5.9	3.0	ug/Kg	1	09/11/15	JLI	SW8260C
Methylcyclohexane	ND		5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Methylene chloride	6.1	S	5.9	5.9	ug/Kg	1	09/11/15	JLI	SW8260C
o-Xylene	ND		5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Styrene	ND		5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
Tetrachloroethene	2.8	J	5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Toluene	ND		5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
Total Xylenes	ND		5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
Trichloroethene	ND		5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
Trichlorofluoromethane	ND		5.9	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
Vinyl chloride	ND		5.9	0.59	ug/Kg	1	09/11/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101				%	1	09/11/15	JLI	70 - 130 %
% Bromofluorobenzene	96				%	1	09/11/15	JLI	70 - 130 %
% Dibromofluoromethane	104				%	1	09/11/15	JLI	70 - 130 %
% Toluene-d8	98				%	1	09/11/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						09/11/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-3 2.5 FT)

Phoenix I.D.: BJ86828

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	12:30
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86829

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-3, 2-3 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	16600	36		mg/Kg	10	09/05/15	LK	SW6010C
Antimony	< 1.8	1.8		mg/Kg	1	09/05/15	LK	SW6010C
Arsenic	7.2	0.7		mg/Kg	1	09/05/15	LK	SW6010C
Barium	130	0.7		mg/Kg	1	09/05/15	LK	SW6010C
Beryllium	0.99	0.29		mg/Kg	1	09/05/15	LK	SW6010C
Calcium	9890	3.6		mg/Kg	1	09/05/15	LK	SW6010C
Cadmium	< 0.36	0.36		mg/Kg	1	09/05/15	LK	SW6010C
Chromium	21.9	0.36		mg/Kg	1	09/05/15	LK	SW6010C
Cobalt	14.0	0.36		mg/Kg	1	09/05/15	LK	SW6010C
Copper	51.9	0.36		mg/kg	1	09/05/15	LK	SW6010C
Iron	30400	36		mg/Kg	10	09/05/15	LK	SW6010C
Lead	114	0.7		mg/Kg	1	09/05/15	LK	SW6010C
Magnesium	6520	36		mg/Kg	10	09/05/15	LK	SW6010C
Manganese	1000	3.6		mg/Kg	10	09/05/15	LK	SW6010C
Mercury	0.37	0.03		mg/Kg	1	09/08/15	MA	SW7471B
Nickel	28.0	0.36		mg/Kg	1	09/05/15	LK	SW6010C
Potassium	3290	7		mg/Kg	1	09/05/15	LK	SW6010C
Selenium	< 1.5	1.5		mg/Kg	1	09/05/15	LK	SW6010C
Silver	< 0.36	0.36		mg/Kg	1	09/05/15	LK	SW6010C
Sodium	259	7		mg/Kg	1	09/05/15	LK	SW6010C
Thallium	< 1.5	1.5		mg/Kg	1	09/05/15	LK	SW6010C
Vanadium	30.4	0.4		mg/Kg	1	09/05/15	LK	SW6010C
Zinc	108	0.7		mg/Kg	1	09/05/15	LK	SW6010C
Percent Solid	83			%		09/04/15	I	SW846-%Solid
Soil Extraction for PCB	Completed					09/03/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					09/03/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed					09/03/15	JJ/VH	SW3545A
Mercury Digestion	Completed					09/08/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-3, 2-3 FT)

Phoenix I.D.: BJ86829

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					09/03/15	G/AG/I/LK	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	40	40	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1221	ND	40	40	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1232	ND	40	40	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1242	ND	40	40	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1248	ND	40	40	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1254	ND	40	40	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1260	ND	40	40	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1262	ND	40	40	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1268	ND	40	40	ug/Kg	2	09/05/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	93			%	2	09/05/15	AW	30 - 150 %
% TCMX	91			%	2	09/05/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.4		ug/Kg	2	09/05/15	CE	SW8081B
4,4' -DDE	ND	2.4		ug/Kg	2	09/05/15	CE	SW8081B
4,4' -DDT	ND	2.4		ug/Kg	2	09/05/15	CE	SW8081B
a-BHC	ND	7.9		ug/Kg	2	09/05/15	CE	SW8081B
a-Chlordane	ND	4.0		ug/Kg	2	09/05/15	CE	SW8081B
Aldrin	ND	4.0		ug/Kg	2	09/05/15	CE	SW8081B
b-BHC	ND	7.9		ug/Kg	2	09/05/15	CE	SW8081B
Chlordane	ND	40		ug/Kg	2	09/05/15	CE	SW8081B
d-BHC	ND	7.9		ug/Kg	2	09/05/15	CE	SW8081B
Dieldrin	ND	4.0		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan I	ND	7.9		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan II	ND	7.9		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan sulfate	ND	7.9		ug/Kg	2	09/05/15	CE	SW8081B
Endrin	ND	7.9		ug/Kg	2	09/05/15	CE	SW8081B
Endrin aldehyde	ND	7.9		ug/Kg	2	09/05/15	CE	SW8081B
Endrin ketone	ND	7.9		ug/Kg	2	09/05/15	CE	SW8081B
g-BHC	ND	1.6		ug/Kg	2	09/05/15	CE	SW8081B
g-Chlordane	ND	4.0		ug/Kg	2	09/05/15	CE	SW8081B
Heptachlor	ND	7.9		ug/Kg	2	09/05/15	CE	SW8081B
Heptachlor epoxide	ND	7.9		ug/Kg	2	09/05/15	CE	SW8081B
Methoxychlor	ND	40		ug/Kg	2	09/05/15	CE	SW8081B
Toxaphene	ND	160		ug/Kg	2	09/05/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	102			%	2	09/05/15	CE	30 - 150 %
% TCMX	96			%	2	09/05/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	09/04/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	280	180	ug/Kg	1	09/04/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	09/04/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D
2,4-Dichlorophenol	ND	160	140	ug/Kg	1	09/04/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-3, 2-3 FT)

Phoenix I.D.: BJ86829

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dimethylphenol	ND	280	98	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	160	160	ug/Kg	1	09/04/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	160	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chloronaphthalene	ND	280	110	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chlorophenol	ND	280	110	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylnaphthalene	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitroaniline	ND	2000	400	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitrophenol	ND	280	250	ug/Kg	1	09/04/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	09/04/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	160	160	ug/Kg	1	09/04/15	DD	SW8270D	
3-Nitroaniline	ND	2000	860	ug/Kg	1	09/04/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	280	280	ug/Kg	1	09/04/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloroaniline	ND	790	180	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitroaniline	ND	2000	130	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitrophenol	ND	280	180	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthene	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthylene	ND	160	110	ug/Kg	1	09/04/15	DD	SW8270D	
Acetophenone	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D	
Anthracene	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D	
Atrazine	ND	160	160	ug/Kg	1	09/04/15	DD	SW8270D	
Benz(a)anthracene	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzaldehyde	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(a)pyrene	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	160	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	09/04/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	1	09/04/15	DD	SW8270D	
Caprolactam	ND	280	280	ug/Kg	1	09/04/15	DD	SW8270D	
Carbazole	ND	2000	300	ug/Kg	1	09/04/15	DD	SW8270D	
Chrysene	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenzofuran	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D	
Diethyl phthalate	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D	
Dimethylphthalate	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-butylphthalate	ND	280	100	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-octylphthalate	ND	280	100	ug/Kg	1	09/04/15	DD	SW8270D	
Fluoranthene	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D	
Fluorene	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobenzene	ND	160	120	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobutadiene	ND	280	140	ug/Kg	1	09/04/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-3, 2-3 FT)

Phoenix I.D.: BJ86829

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	09/04/15	DD	SW8270D
Hexachloroethane	ND	160	120	ug/Kg	1	09/04/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D
Isophorone	ND	160	110	ug/Kg	1	09/04/15	DD	SW8270D
Naphthalene	ND	280	110	ug/Kg	1	09/04/15	DD	SW8270D
Nitrobenzene	ND	160	140	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	160	150	ug/Kg	1	09/04/15	DD	SW8270D
Pentachlorophenol	ND	280	150	ug/Kg	1	09/04/15	DD	SW8270D
Phenanthrene	ND	160	110	ug/Kg	1	09/04/15	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	09/04/15	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	09/04/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	62			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorobiphenyl	47			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorophenol	31			%	1	09/04/15	DD	30 - 130 %
% Nitrobenzene-d5	51			%	1	09/04/15	DD	30 - 130 %
% Phenol-d5	39			%	1	09/04/15	DD	30 - 130 %
% Terphenyl-d14	66			%	1	09/04/15	DD	30 - 130 %
SVOA Library Search Top 15	Completed					09/08/15	DD	

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	12:40
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86830

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-4, 3.5 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	74			%		09/04/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100		ug/kg	1	09/11/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
2-Hexanone	ND	33	6.7	ug/Kg	1	09/11/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	33	6.7	ug/Kg	1	09/11/15	JLI	SW8260C
Acetone	ND	50	6.7	ug/Kg	1	09/11/15	JLI	SW8260C
Benzene	ND	6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
Bromochloromethane	ND	6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
Bromodichloromethane	ND	6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Bromoform	ND	6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Bromomethane	ND	6.7	2.7	ug/Kg	1	09/11/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-4, 3.5 FT)

Phoenix I.D.: BJ86830

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Carbon tetrachloride	ND		6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Chlorobenzene	ND		6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroethane	ND		6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroform	ND		6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
Chloromethane	ND		6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND		6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
Cyclohexane	ND		6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Dibromochloromethane	ND		6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Dichlorodifluoromethane	ND		6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
Ethylbenzene	ND		6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
Isopropylbenzene	ND		6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
m&p-Xylene	ND		6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl ethyl ketone	ND		40	6.7	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		13	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methylacetate	ND		6.7	3.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methylcyclohexane	ND		6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methylene chloride	6.9	S	6.7	6.7	ug/Kg	1	09/11/15	JLI	SW8260C
o-Xylene	ND		6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Styrene	ND		6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
Tetrachloroethene	150	J	370	73	ug/Kg	50	09/12/15	JLI	SW8260C
Toluene	ND		6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
Total Xylenes	ND		6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
Trichloroethene	0.86	J	6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
Trichlorofluoromethane	ND		6.7	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
Vinyl chloride	ND		6.7	0.67	ug/Kg	1	09/11/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101				%	1	09/11/15	JLI	70 - 130 %
% Bromofluorobenzene	98				%	1	09/11/15	JLI	70 - 130 %
% Dibromofluoromethane	102				%	1	09/11/15	JLI	70 - 130 %
% Toluene-d8	98				%	1	09/11/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						09/11/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-4, 3.5 FT)

Phoenix I.D.: BJ86830

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	12:40
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86831

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-4, 3-4 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	18000	39		mg/Kg	10	09/05/15	LK	SW6010C
Antimony	< 1.9	1.9		mg/Kg	1	09/05/15	LK	SW6010C
Arsenic	8.0	0.8		mg/Kg	1	09/05/15	LK	SW6010C
Barium	136	0.8		mg/Kg	1	09/05/15	LK	SW6010C
Beryllium	1.13	0.31		mg/Kg	1	09/05/15	LK	SW6010C
Calcium	7930	3.9		mg/Kg	1	09/05/15	LK	SW6010C
Cadmium	< 0.39	0.39		mg/Kg	1	09/05/15	LK	SW6010C
Chromium	22.2	0.39		mg/Kg	1	09/05/15	LK	SW6010C
Cobalt	19.7	0.39		mg/Kg	1	09/05/15	LK	SW6010C
Copper	59.9	0.39		mg/kg	1	09/05/15	LK	SW6010C
Iron	31600	39		mg/Kg	10	09/05/15	LK	SW6010C
Lead	247	7.7		mg/Kg	10	09/05/15	LK	SW6010C
Magnesium	5600	3.9		mg/Kg	1	09/05/15	LK	SW6010C
Manganese	849	3.9		mg/Kg	10	09/05/15	LK	SW6010C
Mercury	1.72	0.03		mg/Kg	1	09/08/15	MA	SW7471B
Nickel	25.1	0.39		mg/Kg	1	09/05/15	LK	SW6010C
Potassium	3250	8		mg/Kg	1	09/05/15	LK	SW6010C
Selenium	< 1.5	1.5		mg/Kg	1	09/05/15	LK	SW6010C
Silver	< 0.39	0.39		mg/Kg	1	09/05/15	LK	SW6010C
Sodium	194	8		mg/Kg	1	09/05/15	LK	SW6010C
Thallium	< 1.5	1.5		mg/Kg	1	09/05/15	LK	SW6010C
Vanadium	35.6	0.4		mg/Kg	1	09/05/15	LK	SW6010C
Zinc	127	0.8		mg/Kg	1	09/05/15	LK	SW6010C
Percent Solid	81			%		09/04/15	I	SW846-%Solid
Soil Extraction for PCB	Completed					09/03/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					09/03/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed					09/03/15	JJ/VH	SW3545A
Mercury Digestion	Completed					09/08/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-4, 3-4 FT)

Phoenix I.D.: BJ86831

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					09/03/15	G/AG/I/LK	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1221	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1232	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1242	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1248	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1254	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1260	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1262	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
PCB-1268	ND	41	41	ug/Kg	2	09/05/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	97			%	2	09/05/15	AW	30 - 150 %
% TCMX	93			%	2	09/05/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.5		ug/Kg	2	09/05/15	CE	SW8081B
4,4' -DDE	ND	2.5		ug/Kg	2	09/05/15	CE	SW8081B
4,4' -DDT	ND	2.5		ug/Kg	2	09/05/15	CE	SW8081B
a-BHC	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
a-Chlordane	ND	4.1		ug/Kg	2	09/05/15	CE	SW8081B
Aldrin	ND	4.1		ug/Kg	2	09/05/15	CE	SW8081B
b-BHC	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
Chlordane	ND	41		ug/Kg	2	09/05/15	CE	SW8081B
d-BHC	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
Dieldrin	ND	4.1		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan I	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan II	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan sulfate	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
Endrin	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
Endrin aldehyde	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
Endrin ketone	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
g-BHC	ND	1.6		ug/Kg	2	09/05/15	CE	SW8081B
g-Chlordane	ND	4.1		ug/Kg	2	09/05/15	CE	SW8081B
Heptachlor	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
Heptachlor epoxide	ND	8.2		ug/Kg	2	09/05/15	CE	SW8081B
Methoxychlor	ND	41		ug/Kg	2	09/05/15	CE	SW8081B
Toxaphene	ND	160		ug/Kg	2	09/05/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	103			%	2	09/05/15	CE	30 - 150 %
% TCMX	90			%	2	09/05/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	290	190	ug/Kg	1	09/04/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	220	ug/Kg	1	09/04/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D
2,4-Dichlorophenol	ND	160	140	ug/Kg	1	09/04/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-4, 3-4 FT)

Phoenix I.D.: BJ86831

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrophenol	ND	290	290	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	160	160	ug/Kg	1	09/04/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chloronaphthalene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chlorophenol	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylnaphthalene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	290	190	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitroaniline	ND	2000	410	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitrophenol	ND	290	260	ug/Kg	1	09/04/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	1	09/04/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	160	160	ug/Kg	1	09/04/15	DD	SW8270D	
3-Nitroaniline	ND	2000	890	ug/Kg	1	09/04/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	290	290	ug/Kg	1	09/04/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloroaniline	ND	820	190	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitroaniline	ND	2000	140	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitrophenol	ND	290	190	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthylene	ND	160	110	ug/Kg	1	09/04/15	DD	SW8270D	
Acetophenone	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Anthracene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Atrazine	ND	160	160	ug/Kg	1	09/04/15	DD	SW8270D	
Benz(a)anthracene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzaldehyde	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(a)pyrene	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(ghi)perylene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	160	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Caprolactam	ND	290	290	ug/Kg	1	09/04/15	DD	SW8270D	
Carbazole	ND	2000	310	ug/Kg	1	09/04/15	DD	SW8270D	
Chrysene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenzofuran	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Diethyl phthalate	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Dimethylphthalate	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-butylphthalate	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-octylphthalate	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Fluoranthene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Fluorene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobenzene	ND	160	120	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobutadiene	ND	290	150	ug/Kg	1	09/04/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-4, 3-4 FT)

Phoenix I.D.: BJ86831

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D
Hexachloroethane	ND	160	120	ug/Kg	1	09/04/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D
Isophorone	ND	160	110	ug/Kg	1	09/04/15	DD	SW8270D
Naphthalene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D
Nitrobenzene	ND	160	140	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodimethylamine	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	160	130	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	160	160	ug/Kg	1	09/04/15	DD	SW8270D
Pentachlorophenol	ND	290	150	ug/Kg	1	09/04/15	DD	SW8270D
Phenanthrene	ND	160	120	ug/Kg	1	09/04/15	DD	SW8270D
Phenol	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D
Pyrene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	70			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorobiphenyl	51			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorophenol	34			%	1	09/04/15	DD	30 - 130 %
% Nitrobenzene-d5	56			%	1	09/04/15	DD	30 - 130 %
% Phenol-d5	42			%	1	09/04/15	DD	30 - 130 %
% Terphenyl-d14	78			%	1	09/04/15	DD	30 - 130 %
SVOA Library Search Top 15	Completed					09/08/15	DD	

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	13:35
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86832

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-8, 7.5 FT)

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	78				%		09/04/15	I	SW846-%Solid
1,4-dioxane									
1,4-dioxane	ND		100		ug/kg	1	09/11/15	JLI	SW8260C
Volatiles									
1,1,1-Trichloroethane	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2-Trichloroethane	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethane	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethene	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromoethane	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichlorobenzene	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloroethane	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloropropane	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,3-Dichlorobenzene	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
1,4-Dichlorobenzene	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
2-Hexanone	ND		30	6.1	ug/Kg	1	09/11/15	JLI	SW8260C
4-Methyl-2-pentanone	ND		30	6.1	ug/Kg	1	09/11/15	JLI	SW8260C
Acetone	13	JS	50	6.1	ug/Kg	1	09/11/15	JLI	SW8260C
Benzene	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
Bromochloromethane	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
Bromodichloromethane	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Bromoform	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Bromomethane	ND		6.1	2.4	ug/Kg	1	09/11/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-8, 7.5 FT)

Phoenix I.D.: BJ86832

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Carbon tetrachloride	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Chlorobenzene	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroethane	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroform	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
Chloromethane	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
Cyclohexane	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Dibromochloromethane	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Dichlorodifluoromethane	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
Ethylbenzene	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
Isopropylbenzene	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
m&p-Xylene	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl ethyl ketone	ND		37	6.1	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Methylacetate	ND		6.1	3.0	ug/Kg	1	09/11/15	JLI	SW8260C
Methylcyclohexane	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Methylene chloride	7.0	S	6.1	6.1	ug/Kg	1	09/11/15	JLI	SW8260C
o-Xylene	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Styrene	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
Tetrachloroethene	270	J	330	67	ug/Kg	50	09/12/15	JLI	SW8260C
Toluene	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
Total Xylenes	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
Trichloroethene	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
Trichlorofluoromethane	ND		6.1	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
Vinyl chloride	ND		6.1	0.61	ug/Kg	1	09/11/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	1	09/11/15	JLI	70 - 130 %
% Bromofluorobenzene	96				%	1	09/11/15	JLI	70 - 130 %
% Dibromofluoromethane	104				%	1	09/11/15	JLI	70 - 130 %
% Toluene-d8	98				%	1	09/11/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						09/11/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-8, 7.5 FT)

Phoenix I.D.: BJ86832

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	13:35
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86833

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-8 7.8 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	22600	40		mg/Kg	10	09/05/15	LK	SW6010C
Antimony	< 2.0	2.0		mg/Kg	1	09/05/15	LK	SW6010C
Arsenic	8.6	0.8		mg/Kg	1	09/05/15	LK	SW6010C
Barium	194	0.8		mg/Kg	1	09/05/15	LK	SW6010C
Beryllium	1.30	0.32		mg/Kg	1	09/05/15	LK	SW6010C
Calcium	25700	40		mg/Kg	10	09/05/15	LK	SW6010C
Cadmium	< 0.40	0.40		mg/Kg	1	09/05/15	LK	SW6010C
Chromium	30.8	0.40		mg/Kg	1	09/05/15	LK	SW6010C
Cobalt	16.2	0.40		mg/Kg	1	09/05/15	LK	SW6010C
Copper	66.4	0.40		mg/kg	1	09/05/15	LK	SW6010C
Iron	36500	40		mg/Kg	10	09/05/15	LK	SW6010C
Lead	90.0	0.8		mg/Kg	1	09/05/15	LK	SW6010C
Magnesium	9270	40		mg/Kg	10	09/05/15	LK	SW6010C
Manganese	1010	4.0		mg/Kg	10	09/05/15	LK	SW6010C
Mercury	0.12	0.03		mg/Kg	1	09/08/15	MA	SW7471B
Nickel	35.8	0.40		mg/Kg	1	09/05/15	LK	SW6010C
Potassium	4750	80		mg/Kg	10	09/05/15	LK	SW6010C
Selenium	< 1.6	1.6		mg/Kg	1	09/05/15	LK	SW6010C
Silver	< 0.40	0.40		mg/Kg	1	09/05/15	LK	SW6010C
Sodium	286	8		mg/Kg	1	09/05/15	LK	SW6010C
Thallium	< 1.6	1.6		mg/Kg	1	09/05/15	LK	SW6010C
Vanadium	40.0	0.4		mg/Kg	1	09/05/15	LK	SW6010C
Zinc	108	0.8		mg/Kg	1	09/05/15	LK	SW6010C
Percent Solid	78			%		09/04/15	I	SW846-%Solid
Soil Extraction for PCB	Completed					09/03/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					09/03/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed					09/03/15	JJ/VH	SW3545A
Mercury Digestion	Completed					09/08/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-8 7.8 FT)

Phoenix I.D.: BJ86833

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					09/03/15	G/AG/I/LK	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	42	42	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1221	ND	42	42	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1232	ND	42	42	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1242	ND	42	42	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1248	ND	42	42	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1254	ND	42	42	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1260	ND	42	42	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1262	ND	42	42	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1268	ND	42	42	ug/Kg	2	09/04/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	98			%	2	09/04/15	AW	30 - 150 %
% TCMX	92			%	2	09/04/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.5		ug/Kg	2	09/05/15	CE	SW8081B
4,4' -DDE	ND	2.5		ug/Kg	2	09/05/15	CE	SW8081B
4,4' -DDT	ND	2.5		ug/Kg	2	09/05/15	CE	SW8081B
a-BHC	ND	8.4		ug/Kg	2	09/05/15	CE	SW8081B
a-Chlordane	ND	4.2		ug/Kg	2	09/05/15	CE	SW8081B
Aldrin	ND	4.2		ug/Kg	2	09/05/15	CE	SW8081B
b-BHC	ND	8.4		ug/Kg	2	09/05/15	CE	SW8081B
Chlordane	ND	42		ug/Kg	2	09/05/15	CE	SW8081B
d-BHC	ND	8.4		ug/Kg	2	09/05/15	CE	SW8081B
Dieldrin	ND	4.2		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan I	ND	8.4		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan II	ND	8.4		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan sulfate	ND	8.4		ug/Kg	2	09/05/15	CE	SW8081B
Endrin	ND	8.4		ug/Kg	2	09/05/15	CE	SW8081B
Endrin aldehyde	ND	8.4		ug/Kg	2	09/05/15	CE	SW8081B
Endrin ketone	ND	8.4		ug/Kg	2	09/05/15	CE	SW8081B
g-BHC	ND	1.7		ug/Kg	2	09/05/15	CE	SW8081B
g-Chlordane	ND	4.2		ug/Kg	2	09/05/15	CE	SW8081B
Heptachlor	ND	8.4		ug/Kg	2	09/05/15	CE	SW8081B
Heptachlor epoxide	ND	8.4		ug/Kg	2	09/05/15	CE	SW8081B
Methoxychlor	ND	42		ug/Kg	2	09/05/15	CE	SW8081B
Toxaphene	ND	170		ug/Kg	2	09/05/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	101			%	2	09/05/15	CE	30 - 150 %
% TCMX	95			%	2	09/05/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	290	150	ug/Kg	1	09/04/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	290	200	ug/Kg	1	09/04/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	1	09/04/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D
2,4-Dichlorophenol	ND	170	150	ug/Kg	1	09/04/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-8 7.8 FT)

Phoenix I.D.: BJ86833

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrophenol	ND	290	290	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	170	ug/Kg	1	09/04/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chloronaphthalene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chlorophenol	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylnaphthalene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	290	200	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitroaniline	ND	2100	430	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitrophenol	ND	290	270	ug/Kg	1	09/04/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	290	170	ug/Kg	1	09/04/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	170	170	ug/Kg	1	09/04/15	DD	SW8270D	
3-Nitroaniline	ND	2100	920	ug/Kg	1	09/04/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	290	290	ug/Kg	1	09/04/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	290	150	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloroaniline	ND	840	200	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitroaniline	ND	2100	140	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitrophenol	ND	290	190	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthylene	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D	
Acetophenone	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Anthracene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Atrazine	ND	170	170	ug/Kg	1	09/04/15	DD	SW8270D	
Benz(a)anthracene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzaldehyde	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(a)pyrene	ND	170	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(ghi)perylene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Caprolactam	ND	290	290	ug/Kg	1	09/04/15	DD	SW8270D	
Carbazole	ND	2100	320	ug/Kg	1	09/04/15	DD	SW8270D	
Chrysene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	140	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenzofuran	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D	
Diethyl phthalate	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Dimethylphthalate	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-butylphthalate	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-octylphthalate	ND	290	110	ug/Kg	1	09/04/15	DD	SW8270D	
Fluoranthene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Fluorene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobenzene	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobutadiene	ND	290	150	ug/Kg	1	09/04/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-8 7.8 FT)

Phoenix I.D.: BJ86833

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D
Hexachloroethane	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D
Isophorone	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D
Naphthalene	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D
Nitrobenzene	ND	170	150	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodimethylamine	ND	290	120	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	170	140	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	170	160	ug/Kg	1	09/04/15	DD	SW8270D
Pentachlorophenol	ND	290	160	ug/Kg	1	09/04/15	DD	SW8270D
Phenanthrene	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D
Phenol	ND	290	130	ug/Kg	1	09/04/15	DD	SW8270D
Pyrene	ND	290	140	ug/Kg	1	09/04/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	61			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorobiphenyl	48			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorophenol	34			%	1	09/04/15	DD	30 - 130 %
% Nitrobenzene-d5	49			%	1	09/04/15	DD	30 - 130 %
% Phenol-d5	41			%	1	09/04/15	DD	30 - 130 %
% Terphenyl-d14	64			%	1	09/04/15	DD	30 - 130 %
SVOA Library Search Top 15	Completed					09/08/15	DD	

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	13:55
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86834

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-10, 9.0 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	83			%		09/04/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100		ug/kg	1	09/11/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
2-Hexanone	ND	29	5.8	ug/Kg	1	09/11/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	29	5.8	ug/Kg	1	09/11/15	JLI	SW8260C
Acetone	ND	50	5.8	ug/Kg	1	09/11/15	JLI	SW8260C
Benzene	ND	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Bromochloromethane	ND	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Bromodichloromethane	ND	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Bromoform	ND	5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Bromomethane	ND	5.8	2.3	ug/Kg	1	09/11/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-10, 9.0 FT)

Phoenix I.D.: BJ86834

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Carbon tetrachloride	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Chlorobenzene	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroethane	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroform	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Chloromethane	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,2-Dichloroethene	1.6	J	5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Cyclohexane	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Dibromochloromethane	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Dichlorodifluoromethane	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Ethylbenzene	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Isopropylbenzene	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
m&p-Xylene	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl ethyl ketone	ND		35	5.8	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Methylacetate	ND		5.8	2.9	ug/Kg	1	09/11/15	JLI	SW8260C
Methylcyclohexane	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Methylene chloride	ND		5.8	5.8	ug/Kg	1	09/11/15	JLI	SW8260C
o-Xylene	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Styrene	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Tetrachloroethene	370		290	58	ug/Kg	50	09/12/15	JLI	SW8260C
Toluene	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Total Xylenes	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Trichloroethene	82	J	290	29	ug/Kg	50	09/12/15	JLI	SW8260C
Trichlorofluoromethane	ND		5.8	1.2	ug/Kg	1	09/11/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
Vinyl chloride	ND		5.8	0.58	ug/Kg	1	09/11/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	102				%	1	09/11/15	JLI	70 - 130 %
% Bromofluorobenzene	98				%	1	09/11/15	JLI	70 - 130 %
% Dibromofluoromethane	103				%	1	09/11/15	JLI	70 - 130 %
% Toluene-d8	99				%	1	09/11/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						09/11/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-10, 9.0 FT)

Phoenix I.D.: BJ86834

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	13:55
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86835

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-10 8.5-9.5 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	22400	41		mg/Kg	10	09/05/15	LK	SW6010C
Antimony	< 2.0	2.0		mg/Kg	1	09/05/15	LK	SW6010C
Arsenic	7.4	0.8		mg/Kg	1	09/05/15	LK	SW6010C
Barium	154	0.8		mg/Kg	1	09/05/15	LK	SW6010C
Beryllium	1.34	0.33		mg/Kg	1	09/05/15	LK	SW6010C
Calcium	15400	41		mg/Kg	10	09/05/15	LK	SW6010C
Cadmium	< 0.41	0.41		mg/Kg	1	09/05/15	LK	SW6010C
Chromium	25.3	0.41		mg/Kg	1	09/05/15	LK	SW6010C
Cobalt	26.8	0.41		mg/Kg	1	09/05/15	LK	SW6010C
Copper	34.2	0.41		mg/kg	1	09/05/15	LK	SW6010C
Iron	36600	41		mg/Kg	10	09/05/15	LK	SW6010C
Lead	62.4	0.8		mg/Kg	1	09/05/15	LK	SW6010C
Magnesium	8120	41		mg/Kg	10	09/05/15	LK	SW6010C
Manganese	975	4.1		mg/Kg	10	09/05/15	LK	SW6010C
Mercury	0.04	0.03		mg/Kg	1	09/08/15	MA	SW7471B
Nickel	32.0	0.41		mg/Kg	1	09/05/15	LK	SW6010C
Potassium	4470	81		mg/Kg	10	09/05/15	LK	SW6010C
Selenium	< 1.6	1.6		mg/Kg	1	09/05/15	LK	SW6010C
Silver	< 0.41	0.41		mg/Kg	1	09/05/15	LK	SW6010C
Sodium	503	8		mg/Kg	1	09/05/15	LK	SW6010C
Thallium	< 1.6	1.6		mg/Kg	1	09/05/15	LK	SW6010C
Vanadium	39.9	0.4		mg/Kg	1	09/05/15	LK	SW6010C
Zinc	95.5	0.8		mg/Kg	1	09/05/15	LK	SW6010C
Percent Solid	74			%		09/04/15	I	SW846-%Solid
Soil Extraction for PCB	Completed					09/03/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					09/03/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed					09/03/15	JJ/VH	SW3545A
Mercury Digestion	Completed					09/08/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-10 8.5-9.5 FT)

Phoenix I.D.: BJ86835

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					09/03/15	G/AG/I/LK	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	44	44	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1221	ND	44	44	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1232	ND	44	44	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1242	ND	44	44	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1248	ND	44	44	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1254	ND	44	44	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1260	ND	44	44	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1262	ND	44	44	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1268	ND	44	44	ug/Kg	2	09/04/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	102			%	2	09/04/15	AW	30 - 150 %
% TCMX	95			%	2	09/04/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.7		ug/Kg	2	09/05/15	CE	SW8081B
4,4' -DDE	ND	2.7		ug/Kg	2	09/05/15	CE	SW8081B
4,4' -DDT	ND	2.7		ug/Kg	2	09/05/15	CE	SW8081B
a-BHC	ND	8.8		ug/Kg	2	09/05/15	CE	SW8081B
a-Chlordane	ND	4.4		ug/Kg	2	09/05/15	CE	SW8081B
Aldrin	ND	4.4		ug/Kg	2	09/05/15	CE	SW8081B
b-BHC	ND	8.8		ug/Kg	2	09/05/15	CE	SW8081B
Chlordane	ND	44		ug/Kg	2	09/05/15	CE	SW8081B
d-BHC	ND	8.8		ug/Kg	2	09/05/15	CE	SW8081B
Dieldrin	ND	4.4		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan I	ND	8.8		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan II	ND	8.8		ug/Kg	2	09/05/15	CE	SW8081B
Endosulfan sulfate	ND	8.8		ug/Kg	2	09/05/15	CE	SW8081B
Endrin	ND	8.8		ug/Kg	2	09/05/15	CE	SW8081B
Endrin aldehyde	ND	8.8		ug/Kg	2	09/05/15	CE	SW8081B
Endrin ketone	ND	8.8		ug/Kg	2	09/05/15	CE	SW8081B
g-BHC	ND	1.8		ug/Kg	2	09/05/15	CE	SW8081B
g-Chlordane	ND	4.4		ug/Kg	2	09/05/15	CE	SW8081B
Heptachlor	ND	8.8		ug/Kg	2	09/05/15	CE	SW8081B
Heptachlor epoxide	ND	8.8		ug/Kg	2	09/05/15	CE	SW8081B
Methoxychlor	ND	44		ug/Kg	2	09/05/15	CE	SW8081B
Toxaphene	ND	180		ug/Kg	2	09/05/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	95			%	2	09/05/15	CE	30 - 150 %
% TCMX	87			%	2	09/05/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	310	130	ug/Kg	1	09/04/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	310	150	ug/Kg	1	09/04/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	310	210	ug/Kg	1	09/04/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	310	240	ug/Kg	1	09/04/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	180	140	ug/Kg	1	09/04/15	DD	SW8270D
2,4-Dichlorophenol	ND	180	150	ug/Kg	1	09/04/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-10 8.5-9.5 FT)

Phoenix I.D.: BJ86835

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dimethylphenol	ND	310	110	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrophenol	ND	310	310	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	180	170	ug/Kg	1	09/04/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	180	140	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chloronaphthalene	ND	310	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chlorophenol	ND	310	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylnaphthalene	ND	310	130	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	310	210	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitroaniline	ND	2200	440	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitrophenol	ND	310	280	ug/Kg	1	09/04/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	310	170	ug/Kg	1	09/04/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	180	180	ug/Kg	1	09/04/15	DD	SW8270D	
3-Nitroaniline	ND	2200	950	ug/Kg	1	09/04/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	310	310	ug/Kg	1	09/04/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	310	130	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	310	150	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloroaniline	ND	880	200	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	310	150	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitroaniline	ND	2200	150	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitrophenol	ND	310	200	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthene	ND	310	130	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthylene	ND	180	120	ug/Kg	1	09/04/15	DD	SW8270D	
Acetophenone	ND	310	140	ug/Kg	1	09/04/15	DD	SW8270D	
Anthracene	ND	310	140	ug/Kg	1	09/04/15	DD	SW8270D	
Atrazine	ND	180	180	ug/Kg	1	09/04/15	DD	SW8270D	
Benz(a)anthracene	ND	310	150	ug/Kg	1	09/04/15	DD	SW8270D	
Benzaldehyde	ND	310	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(a)pyrene	ND	180	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	310	150	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(ghi)perylene	ND	310	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	310	150	ug/Kg	1	09/04/15	DD	SW8270D	
Benzyl butyl phthalate	ND	310	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	310	120	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	180	120	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	310	120	ug/Kg	1	09/04/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	310	130	ug/Kg	1	09/04/15	DD	SW8270D	
Caprolactam	ND	310	310	ug/Kg	1	09/04/15	DD	SW8270D	
Carbazole	ND	2200	330	ug/Kg	1	09/04/15	DD	SW8270D	
Chrysene	ND	310	150	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	180	140	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenzofuran	ND	310	130	ug/Kg	1	09/04/15	DD	SW8270D	
Diethyl phthalate	ND	310	140	ug/Kg	1	09/04/15	DD	SW8270D	
Dimethylphthalate	ND	310	140	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-butylphthalate	ND	310	120	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-octylphthalate	ND	310	110	ug/Kg	1	09/04/15	DD	SW8270D	
Fluoranthene	ND	310	140	ug/Kg	1	09/04/15	DD	SW8270D	
Fluorene	ND	310	140	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobenzene	ND	180	130	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobutadiene	ND	310	160	ug/Kg	1	09/04/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-10 8.5-9.5 FT)

Phoenix I.D.: BJ86835

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorocyclopentadiene	ND	310	130	ug/Kg	1	09/04/15	DD	SW8270D
Hexachloroethane	ND	180	130	ug/Kg	1	09/04/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	310	150	ug/Kg	1	09/04/15	DD	SW8270D
Isophorone	ND	180	120	ug/Kg	1	09/04/15	DD	SW8270D
Naphthalene	ND	310	130	ug/Kg	1	09/04/15	DD	SW8270D
Nitrobenzene	ND	180	150	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodimethylamine	ND	310	120	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	180	140	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	180	170	ug/Kg	1	09/04/15	DD	SW8270D
Pentachlorophenol	ND	310	170	ug/Kg	1	09/04/15	DD	SW8270D
Phenanthrene	ND	180	130	ug/Kg	1	09/04/15	DD	SW8270D
Phenol	ND	310	140	ug/Kg	1	09/04/15	DD	SW8270D
Pyrene	ND	310	150	ug/Kg	1	09/04/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	70			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorobiphenyl	43			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorophenol	37			%	1	09/04/15	DD	30 - 130 %
% Nitrobenzene-d5	50			%	1	09/04/15	DD	30 - 130 %
% Phenol-d5	45			%	1	09/04/15	DD	30 - 130 %
% Terphenyl-d14	81			%	1	09/04/15	DD	30 - 130 %
SVOA Library Search Top 15	Completed					09/08/15	DD	

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	14:10
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86836

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-11, 10 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89			%		09/04/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100		ug/kg	1	09/11/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
2-Hexanone	ND	26	5.2	ug/Kg	1	09/11/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	26	5.2	ug/Kg	1	09/11/15	JLI	SW8260C
Acetone	ND	50	5.2	ug/Kg	1	09/11/15	JLI	SW8260C
Benzene	ND	5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
Bromochloromethane	ND	5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
Bromodichloromethane	ND	5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
Bromoform	ND	5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
Bromomethane	ND	5.2	2.1	ug/Kg	1	09/11/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-11, 10 FT)

Phoenix I.D.: BJ86836

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
Carbon tetrachloride	ND		5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
Chlorobenzene	ND		5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroethane	ND		5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroform	ND		5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
Chloromethane	ND		5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,2-Dichloroethene	0.79	J	5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
Cyclohexane	ND		5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
Dibromochloromethane	ND		5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
Dichlorodifluoromethane	ND		5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
Ethylbenzene	ND		5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
Isopropylbenzene	ND		5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
m&p-Xylene	ND		5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl ethyl ketone	ND		31	5.2	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		10	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
Methylacetate	ND		5.2	2.6	ug/Kg	1	09/11/15	JLI	SW8260C
Methylcyclohexane	ND		5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
Methylene chloride	7.7	S	5.2	5.2	ug/Kg	1	09/11/15	JLI	SW8260C
o-Xylene	ND		5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
Styrene	ND		5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
Tetrachloroethene	460		270	54	ug/Kg	50	09/12/15	JLI	SW8260C
Toluene	ND		5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
Total Xylenes	ND		5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
Trichloroethene	100	J	270	27	ug/Kg	50	09/12/15	JLI	SW8260C
Trichlorofluoromethane	ND		5.2	1.0	ug/Kg	1	09/11/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
Vinyl chloride	ND		5.2	0.52	ug/Kg	1	09/11/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	1	09/11/15	JLI	70 - 130 %
% Bromofluorobenzene	97				%	1	09/11/15	JLI	70 - 130 %
% Dibromofluoromethane	100				%	1	09/11/15	JLI	70 - 130 %
% Toluene-d8	99				%	1	09/11/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						09/14/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-11, 10 FT)

Phoenix I.D.: BJ86836

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	14:10
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86837

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-11, 9.5-10.5 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	15200	34		mg/Kg	10	09/05/15	LK	SW6010C
Antimony	< 1.7	1.7		mg/Kg	1	09/05/15	LK	SW6010C
Arsenic	5.8	0.7		mg/Kg	1	09/05/15	LK	SW6010C
Barium	117	0.7		mg/Kg	1	09/05/15	LK	SW6010C
Beryllium	0.77	0.27		mg/Kg	1	09/05/15	LK	SW6010C
Calcium	2010	3.4		mg/Kg	1	09/05/15	LK	SW6010C
Cadmium	< 0.34	0.34		mg/Kg	1	09/05/15	LK	SW6010C
Chromium	19.6	0.34		mg/Kg	1	09/05/15	LK	SW6010C
Cobalt	12.1	0.34		mg/Kg	1	09/05/15	LK	SW6010C
Copper	33.4	0.34		mg/kg	1	09/05/15	LK	SW6010C
Iron	31700	34		mg/Kg	10	09/05/15	LK	SW6010C
Lead	42.3	0.7		mg/Kg	1	09/05/15	LK	SW6010C
Magnesium	6300	34		mg/Kg	10	09/05/15	LK	SW6010C
Manganese	888	3.4		mg/Kg	10	09/05/15	LK	SW6010C
Mercury	0.13	0.03		mg/Kg	1	09/08/15	MA	SW7471B
Nickel	25.3	0.34		mg/Kg	1	09/05/15	LK	SW6010C
Potassium	2020	7		mg/Kg	1	09/05/15	LK	SW6010C
Selenium	< 1.3	1.3		mg/Kg	1	09/05/15	LK	SW6010C
Silver	< 0.34	0.34		mg/Kg	1	09/05/15	LK	SW6010C
Sodium	130	7		mg/Kg	1	09/05/15	LK	SW6010C
Thallium	< 1.3	1.3		mg/Kg	1	09/05/15	LK	SW6010C
Vanadium	21.3	0.3		mg/Kg	1	09/05/15	LK	SW6010C
Zinc	86.1	0.7		mg/Kg	1	09/05/15	LK	SW6010C
Percent Solid	91			%		09/04/15	I	SW846-%Solid
Soil Extraction for PCB	Completed					09/03/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					09/03/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed					09/03/15	JJ/VH	SW3545A
Mercury Digestion	Completed					09/08/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-11, 9.5-10.5 FT)

Phoenix I.D.: BJ86837

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					09/03/15	G/AG/I/LK	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	36	36	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1221	ND	36	36	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1232	ND	36	36	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1242	ND	36	36	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1248	ND	36	36	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1254	ND	36	36	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1260	ND	36	36	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1262	ND	36	36	ug/Kg	2	09/04/15	AW	SW8082A
PCB-1268	ND	36	36	ug/Kg	2	09/04/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	110			%	2	09/04/15	AW	30 - 150 %
% TCMX	100			%	2	09/04/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	09/11/15	CE	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	09/11/15	CE	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	09/11/15	CE	SW8081B
a-BHC	ND	7.2		ug/Kg	2	09/11/15	CE	SW8081B
a-Chlordane	ND	3.6		ug/Kg	2	09/11/15	CE	SW8081B
Aldrin	ND	3.6		ug/Kg	2	09/11/15	CE	SW8081B
b-BHC	ND	7.2		ug/Kg	2	09/11/15	CE	SW8081B
Chlordane	ND	36		ug/Kg	2	09/11/15	CE	SW8081B
d-BHC	ND	7.2		ug/Kg	2	09/11/15	CE	SW8081B
Dieldrin	ND	3.6		ug/Kg	2	09/11/15	CE	SW8081B
Endosulfan I	ND	7.2		ug/Kg	2	09/11/15	CE	SW8081B
Endosulfan II	ND	7.2		ug/Kg	2	09/11/15	CE	SW8081B
Endosulfan sulfate	ND	7.2		ug/Kg	2	09/11/15	CE	SW8081B
Endrin	ND	7.2		ug/Kg	2	09/11/15	CE	SW8081B
Endrin aldehyde	ND	70		ug/Kg	2	09/11/15	CE	SW8081B
Endrin ketone	ND	7.2		ug/Kg	2	09/11/15	CE	SW8081B
g-BHC	ND	1.4		ug/Kg	2	09/11/15	CE	SW8081B
g-Chlordane	ND	3.6		ug/Kg	2	09/11/15	CE	SW8081B
Heptachlor	ND	7.2		ug/Kg	2	09/11/15	CE	SW8081B
Heptachlor epoxide	ND	7.2		ug/Kg	2	09/11/15	CE	SW8081B
Methoxychlor	ND	36		ug/Kg	2	09/11/15	CE	SW8081B
Toxaphene	ND	140		ug/Kg	2	09/11/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	86			%	2	09/11/15	CE	30 - 150 %
% TCMX	75			%	2	09/11/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	250	110	ug/Kg	1	09/04/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	09/04/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	250	170	ug/Kg	1	09/04/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	09/04/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	150	120	ug/Kg	1	09/04/15	DD	SW8270D
2,4-Dichlorophenol	ND	150	130	ug/Kg	1	09/04/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-11, 9.5-10.5 FT)

Phoenix I.D.: BJ86837

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dimethylphenol	ND	250	90	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	150	140	ug/Kg	1	09/04/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	150	110	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chlorophenol	ND	250	100	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylnaphthalene	ND	250	110	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitroaniline	ND	1800	370	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitrophenol	ND	250	230	ug/Kg	1	09/04/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	09/04/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	150	150	ug/Kg	1	09/04/15	DD	SW8270D	
3-Nitroaniline	ND	1800	790	ug/Kg	1	09/04/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	250	250	ug/Kg	1	09/04/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloroaniline	ND	730	170	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitroaniline	ND	1800	120	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitrophenol	ND	250	160	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthene	ND	250	110	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthylene	ND	150	100	ug/Kg	1	09/04/15	DD	SW8270D	
Acetophenone	ND	250	110	ug/Kg	1	09/04/15	DD	SW8270D	
Anthracene	ND	250	120	ug/Kg	1	09/04/15	DD	SW8270D	
Atrazine	ND	150	150	ug/Kg	1	09/04/15	DD	SW8270D	
Benz(a)anthracene	ND	250	120	ug/Kg	1	09/04/15	DD	SW8270D	
Benzaldehyde	ND	250	110	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(a)pyrene	ND	150	120	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	09/04/15	DD	SW8270D	
Benzyl butyl phthalate	ND	250	94	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	150	98	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	1	09/04/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	09/04/15	DD	SW8270D	
Caprolactam	ND	250	250	ug/Kg	1	09/04/15	DD	SW8270D	
Carbazole	ND	1800	280	ug/Kg	1	09/04/15	DD	SW8270D	
Chrysene	ND	250	120	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	150	120	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenzofuran	ND	250	110	ug/Kg	1	09/04/15	DD	SW8270D	
Diethyl phthalate	ND	250	110	ug/Kg	1	09/04/15	DD	SW8270D	
Dimethylphthalate	ND	250	110	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-butylphthalate	ND	250	97	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-octylphthalate	ND	250	94	ug/Kg	1	09/04/15	DD	SW8270D	
Fluoranthene	ND	250	120	ug/Kg	1	09/04/15	DD	SW8270D	
Fluorene	ND	250	120	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobenzene	ND	150	110	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobutadiene	ND	250	130	ug/Kg	1	09/04/15	DD	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	09/04/15	DD	SW8270D
Hexachloroethane	ND	150	110	ug/Kg	1	09/04/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	09/04/15	DD	SW8270D
Isophorone	ND	150	100	ug/Kg	1	09/04/15	DD	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	09/04/15	DD	SW8270D
Nitrobenzene	ND	150	130	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	150	120	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	150	140	ug/Kg	1	09/04/15	DD	SW8270D
Pentachlorophenol	ND	250	140	ug/Kg	1	09/04/15	DD	SW8270D
Phenanthrene	ND	150	100	ug/Kg	1	09/04/15	DD	SW8270D
Phenol	ND	250	120	ug/Kg	1	09/04/15	DD	SW8270D
Pyrene	ND	250	120	ug/Kg	1	09/04/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	71			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorobiphenyl	57			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorophenol	43			%	1	09/04/15	DD	30 - 130 %
% Nitrobenzene-d5	62			%	1	09/04/15	DD	30 - 130 %
% Phenol-d5	49			%	1	09/04/15	DD	30 - 130 %
% Terphenyl-d14	69			%	1	09/04/15	DD	30 - 130 %
SVOA Library Search Top 15	Completed					09/08/15	DD	

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Pesticide Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	14:20
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86838

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-12, 11.0 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	73			%		09/04/15	I	SW846-%Solid
1,4-dioxane								
1,4-dioxane	ND	100		ug/kg	1	09/11/15	JLI	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
2-Hexanone	ND	32	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	32	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
Acetone	ND	50	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
Benzene	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Bromochloromethane	ND	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Bromodichloromethane	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Bromoform	ND	6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Bromomethane	ND	6.3	2.5	ug/Kg	1	09/11/15	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-12, 11.0 FT)

Phoenix I.D.: BJ86838

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Carbon tetrachloride	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Chlorobenzene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroethane	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Chloroform	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Chloromethane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Cyclohexane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Dibromochloromethane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Dichlorodifluoromethane	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Ethylbenzene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Isopropylbenzene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
m&p-Xylene	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl ethyl ketone	ND		38	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		13	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methylacetate	ND		6.3	3.2	ug/Kg	1	09/11/15	JLI	SW8260C
Methylcyclohexane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Methylene chloride	ND		6.3	6.3	ug/Kg	1	09/11/15	JLI	SW8260C
o-Xylene	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Styrene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Tetrachloroethene	100	J	340	69	ug/Kg	50	09/12/15	JLI	SW8260C
Toluene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Total Xylenes	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Trichloroethene	1.5	J	6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Trichlorofluoromethane	ND		6.3	1.3	ug/Kg	1	09/11/15	JLI	SW8260C
Trichlorotrifluoroethane	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
Vinyl chloride	ND		6.3	0.63	ug/Kg	1	09/11/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101				%	1	09/11/15	JLI	70 - 130 %
% Bromofluorobenzene	97				%	1	09/11/15	JLI	70 - 130 %
% Dibromofluoromethane	105				%	1	09/11/15	JLI	70 - 130 %
% Toluene-d8	98				%	1	09/11/15	JLI	70 - 130 %
Volatile Library Search Top 10	Completed						09/14/15	JLI	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-12, 11.0 FT)

Phoenix I.D.: BJ86838

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/01/15	14:20
Location Code:	HANSONV	Received by:	LB	09/03/15	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.95002				

Laboratory Data

SDG ID: GBJ86812
Phoenix ID: BJ86839

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-12, 10.5-11.5 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	20900	45		mg/Kg	10	09/05/15	LK	SW6010C
Antimony	< 2.3	2.3		mg/Kg	1	09/05/15	LK	SW6010C
Arsenic	8.6	0.9		mg/Kg	1	09/05/15	LK	SW6010C
Barium	148	0.9		mg/Kg	1	09/05/15	LK	SW6010C
Beryllium	1.24	0.36		mg/Kg	1	09/05/15	LK	SW6010C
Calcium	12800	4.5		mg/Kg	1	09/05/15	LK	SW6010C
Cadmium	< 0.45	0.45		mg/Kg	1	09/05/15	LK	SW6010C
Chromium	26.6	0.45		mg/Kg	1	09/05/15	LK	SW6010C
Cobalt	16.8	0.45		mg/Kg	1	09/05/15	LK	SW6010C
Copper	41.1	0.45		mg/kg	1	09/05/15	LK	SW6010C
Iron	36700	45		mg/Kg	10	09/05/15	LK	SW6010C
Lead	68.7	0.9		mg/Kg	1	09/05/15	LK	SW6010C
Magnesium	7850	45		mg/Kg	10	09/05/15	LK	SW6010C
Manganese	804	4.5		mg/Kg	10	09/05/15	LK	SW6010C
Mercury	0.15	0.03		mg/Kg	1	09/09/15	RS	SW7471B
Nickel	33.1	0.45		mg/Kg	1	09/05/15	LK	SW6010C
Potassium	4210	90		mg/Kg	10	09/05/15	LK	SW6010C
Selenium	< 1.8	1.8		mg/Kg	1	09/05/15	LK	SW6010C
Silver	< 0.45	0.45		mg/Kg	1	09/05/15	LK	SW6010C
Sodium	341	9		mg/Kg	1	09/05/15	LK	SW6010C
Thallium	< 1.8	1.8		mg/Kg	1	09/05/15	LK	SW6010C
Vanadium	39.7	0.5		mg/Kg	1	09/05/15	LK	SW6010C
Zinc	105	0.9		mg/Kg	1	09/05/15	LK	SW6010C
Percent Solid	76			%		09/04/15	I	SW846-%Solid
Soil Extraction for PCB	Completed					09/03/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					09/03/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed					09/03/15	JJ/VH	SW3545A
Mercury Digestion	Completed					09/09/15	I/I	SW7471B

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-12, 10.5-11.5 FT)

Phoenix I.D.: BJ86839

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					09/03/15	G/AG/I/LK	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	43	43	ug/Kg	2	09/11/15	AW	SW8082A
PCB-1221	ND	43	43	ug/Kg	2	09/11/15	AW	SW8082A
PCB-1232	ND	43	43	ug/Kg	2	09/11/15	AW	SW8082A
PCB-1242	ND	43	43	ug/Kg	2	09/11/15	AW	SW8082A
PCB-1248	ND	43	43	ug/Kg	2	09/11/15	AW	SW8082A
PCB-1254	ND	43	43	ug/Kg	2	09/11/15	AW	SW8082A
PCB-1260	ND	43	43	ug/Kg	2	09/11/15	AW	SW8082A
PCB-1262	ND	43	43	ug/Kg	2	09/11/15	AW	SW8082A
PCB-1268	ND	43	43	ug/Kg	2	09/11/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	108			%	2	09/11/15	AW	30 - 150 %
% TCMX	97			%	2	09/11/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.6		ug/Kg	2	09/04/15	CE	SW8081B
4,4' -DDE	ND	2.6		ug/Kg	2	09/04/15	CE	SW8081B
4,4' -DDT	ND	2.6		ug/Kg	2	09/04/15	CE	SW8081B
a-BHC	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
a-Chlordane	ND	4.3		ug/Kg	2	09/04/15	CE	SW8081B
Aldrin	ND	4.3		ug/Kg	2	09/04/15	CE	SW8081B
b-BHC	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
Chlordane	ND	43		ug/Kg	2	09/04/15	CE	SW8081B
d-BHC	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
Dieldrin	ND	4.3		ug/Kg	2	09/04/15	CE	SW8081B
Endosulfan I	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
Endosulfan II	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
Endosulfan sulfate	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
Endrin	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
Endrin aldehyde	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
Endrin ketone	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
g-BHC	ND	1.7		ug/Kg	2	09/04/15	CE	SW8081B
g-Chlordane	ND	4.3		ug/Kg	2	09/04/15	CE	SW8081B
Heptachlor	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
Heptachlor epoxide	ND	8.5		ug/Kg	2	09/04/15	CE	SW8081B
Methoxychlor	ND	43		ug/Kg	2	09/04/15	CE	SW8081B
Toxaphene	ND	170		ug/Kg	2	09/04/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	141			%	2	09/04/15	CE	30 - 150 %
% TCMX	115			%	2	09/04/15	CE	30 - 150 %
Semivolatiles								
1,1-Biphenyl	ND	310	130	ug/Kg	1	09/04/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	310	150	ug/Kg	1	09/04/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	310	200	ug/Kg	1	09/04/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	310	240	ug/Kg	1	09/04/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	140	ug/Kg	1	09/04/15	DD	SW8270D
2,4-Dichlorophenol	ND	170	150	ug/Kg	1	09/04/15	DD	SW8270D

Project ID: TIM BAYLY PROPERTY

Phoenix I.D.: BJ86839

Client ID: MW-11 (S-12, 10.5-11.5 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dimethylphenol	ND	310	110	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrophenol	ND	310	310	ug/Kg	1	09/04/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	170	ug/Kg	1	09/04/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	140	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chloronaphthalene	ND	310	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Chlorophenol	ND	310	120	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylnaphthalene	ND	310	130	ug/Kg	1	09/04/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	310	210	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitroaniline	ND	2200	440	ug/Kg	1	09/04/15	DD	SW8270D	
2-Nitrophenol	ND	310	280	ug/Kg	1	09/04/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	310	170	ug/Kg	1	09/04/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	170	170	ug/Kg	1	09/04/15	DD	SW8270D	
3-Nitroaniline	ND	2200	950	ug/Kg	1	09/04/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	310	310	ug/Kg	1	09/04/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	310	130	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	310	150	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chloroaniline	ND	870	200	ug/Kg	1	09/04/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	310	150	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitroaniline	ND	2200	150	ug/Kg	1	09/04/15	DD	SW8270D	
4-Nitrophenol	ND	310	200	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthene	ND	310	130	ug/Kg	1	09/04/15	DD	SW8270D	
Acenaphthylene	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D	
Acetophenone	ND	310	140	ug/Kg	1	09/04/15	DD	SW8270D	
Anthracene	ND	310	140	ug/Kg	1	09/04/15	DD	SW8270D	
Atrazine	ND	170	170	ug/Kg	1	09/04/15	DD	SW8270D	
Benz(a)anthracene	ND	310	150	ug/Kg	1	09/04/15	DD	SW8270D	
Benzaldehyde	ND	310	130	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(a)pyrene	ND	170	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	310	150	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(ghi)perylene	ND	310	140	ug/Kg	1	09/04/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	310	150	ug/Kg	1	09/04/15	DD	SW8270D	
Benzyl butyl phthalate	ND	310	110	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	310	120	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	310	120	ug/Kg	1	09/04/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	310	130	ug/Kg	1	09/04/15	DD	SW8270D	
Caprolactam	ND	310	310	ug/Kg	1	09/04/15	DD	SW8270D	
Carbazole	ND	2200	330	ug/Kg	1	09/04/15	DD	SW8270D	
Chrysene	ND	310	150	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	140	ug/Kg	1	09/04/15	DD	SW8270D	
Dibenzofuran	ND	310	130	ug/Kg	1	09/04/15	DD	SW8270D	
Diethyl phthalate	ND	310	140	ug/Kg	1	09/04/15	DD	SW8270D	
Dimethylphthalate	ND	310	140	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-butylphthalate	ND	310	120	ug/Kg	1	09/04/15	DD	SW8270D	
Di-n-octylphthalate	ND	310	110	ug/Kg	1	09/04/15	DD	SW8270D	
Fluoranthene	ND	310	140	ug/Kg	1	09/04/15	DD	SW8270D	
Fluorene	ND	310	140	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobenzene	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D	
Hexachlorobutadiene	ND	310	160	ug/Kg	1	09/04/15	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: MW-11 (S-12, 10.5-11.5 FT)

Phoenix I.D.: BJ86839

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorocyclopentadiene	ND	310	130	ug/Kg	1	09/04/15	DD	SW8270D
Hexachloroethane	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	310	150	ug/Kg	1	09/04/15	DD	SW8270D
Isophorone	ND	170	120	ug/Kg	1	09/04/15	DD	SW8270D
Naphthalene	ND	310	130	ug/Kg	1	09/04/15	DD	SW8270D
Nitrobenzene	ND	170	150	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodimethylamine	ND	310	120	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	170	140	ug/Kg	1	09/04/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	170	170	ug/Kg	1	09/04/15	DD	SW8270D
Pentachlorophenol	ND	310	170	ug/Kg	1	09/04/15	DD	SW8270D
Phenanthrene	ND	170	130	ug/Kg	1	09/04/15	DD	SW8270D
Phenol	ND	310	140	ug/Kg	1	09/04/15	DD	SW8270D
Pyrene	ND	310	150	ug/Kg	1	09/04/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	66			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorobiphenyl	48			%	1	09/04/15	DD	30 - 130 %
% 2-Fluorophenol	38			%	1	09/04/15	DD	30 - 130 %
% Nitrobenzene-d5	51			%	1	09/04/15	DD	30 - 130 %
% Phenol-d5	44			%	1	09/04/15	DD	30 - 130 %
% Terphenyl-d14	68			%	1	09/04/15	DD	30 - 130 %
SVOA Library Search Top 15	Completed					09/08/15	DD	

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 01, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-9 (3.5`-5-3)

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water) SOIL Lab Sample ID: BJ86812

Sample wt/vol: 5 (g/mL) g Lab File ID: 0911_08.D

Level: (low/med) PPL Date Received: 09/03/15

% Moisture: not dec. 20 Date Analyzed: 09/11/15

GC Column: rtx-vms ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-9 5-4, 4.0 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water) SOIL Lab Sample ID: BJ86814

Sample wt/vol: 5 (g/mL) g Lab File ID: 0911_09.D

Level: (low/med) PPL Date Received: 09/03/15

% Moisture: not dec. 20 Date Analyzed: 09/11/15

GC Column: rtx-vms ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-9 5-6, 6.5 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water) SOIL Lab Sample ID: BJ86816

Sample wt/vol: 5 (g/mL) g Lab File ID: 0911_10.D

Level: (low/med) PPL Date Received: 09/03/15

% Moisture: not dec. 22 Date Analyzed: 09/11/15

GC Column: rtx-vms ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-9 5-8, 8.0 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water) SOIL Lab Sample ID: BJ86818

Sample wt/vol: 10.27 (g/mL) g Lab File ID: 0911_11.D

Level: (low/med) PPH Date Received: 09/03/15

% Moisture: not dec. 21 Date Analyzed: 09/11/15

GC Column: rtx-vms ID: 0.18 (mm) Dilution Factor: 50

Soil Extract Volume: 10000 (uL) Soil Aliquot Vol (uL): 100

Number TICs found: 12 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
007154-80-5	Heptane, 3,3,5-trimethyl-	6.612	2200	JN
95-63-6	1,2,4-Trimethylbenzene	6.837	85	
135-98-8	sec-Butylbenzene	6.921	66	
104-51-8	n-Butylbenzene	7.377	85	
006044-71-9	Dodecane, 6-methyl-	8.290	3300	JN
	unknown	8.720	2000	JN
	unknown	9.470	2500	JN
000091-57-6	Naphthalene, 2-methyl-	9.721	2100	JN
021564-91-0	Naphthalene, 1,2,3,4-tetrahydro-1,5-dimethyl-	9.910	2500	JN
080655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthalene	10.041	5100	JN
000575-37-1	Naphthalene, 1,7-dimethyl-	10.303	3800	JN
000581-40-8	Naphthalene, 2,3-dimethyl-	10.398	3500	JN

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-10 5-3, 3.5 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water) SOIL Lab Sample ID: BJ86820

Sample wt/vol: 4.95 (g/mL) g Lab File ID: 0911_12.D

Level: (low/med) PPL Date Received: 09/03/15

% Moisture: not dec. 21 Date Analyzed: 09/11/15

GC Column: rtx-vms ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-10 5-5, 5-6 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water) SOIL Lab Sample ID: BJ86822

Sample wt/vol: 5.37 (g/mL) g Lab File ID: 0911_13.D

Level: (low/med) PPL Date Received: 09/03/15

% Moisture: not dec. 18 Date Analyzed: 09/11/15

GC Column: rtx-vms ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-10 5-6, 6.5 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water) SOIL Lab Sample ID: BJ86824

Sample wt/vol: 4.74 (g/mL) g Lab File ID: 0911_14.D

Level: (low/med) PPL Date Received: 09/03/15

% Moisture: not dec. 16 Date Analyzed: 09/11/15

GC Column: rtx-vms ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-10 5-10, 9.5 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water): SOIL Lab Sample ID: BJ86826

Sample wt/vol: 5.01 (g/mL) g Lab File ID: 0911_15.D

Level: (low/med): PPL Date Received: 09/03/15

% Moisture: not dec. 14 Date Analyzed: 09/11/15

GC Column: rtx-vms ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown	5.920	7	JN

FORM I VOA-TIC

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-11 5-3 2.5 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water): SOIL Lab Sample ID: BJ86828

Sample wt/vol: 4.86 (g/mL) g Lab File ID: 0911_16.D

Level: (low/med): PPL Date Received: 09/03/15

% Moisture: not dec. 13 Date Analyzed: 09/11/15

GC Column: rtx-vms ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-11 S-4, 3.5 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water): SOIL Lab Sample ID: BJ86830

Sample wt/vol: 5.06 (g/mL) g Lab File ID: 0911_17.D

Level: (low/med): PPL Date Received: 09/03/15

% Moisture: not dec. 26 Date Analyzed: 09/11/15

GC Column: rtx-vms ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-11 5-8, 7.5 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water) SOIL Lab Sample ID: BJ86832

Sample wt/vol: 5.28 (g/mL) g Lab File ID: 0911_18.D

Level: (low/med) PPL Date Received: 09/03/15

% Moisture: not dec. 22 Date Analyzed: 09/11/15

GC Column: rtx-vms ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-11 5-10, 9.0 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water) SOIL Lab Sample ID: BJ86834

Sample wt/vol: 5.22 (g/mL) g Lab File ID: 0911_19.D

Level: (low/med) PPL Date Received: 09/03/15

% Moisture: not dec. 17 Date Analyzed: 09/11/15

GC Column: rtx-vms ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-11 5-11, 10 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water) SOIL Lab Sample ID: BJ86836

Sample wt/vol: 5.37 (g/mL) g Lab File ID: 0911_20.D

Level: (low/med) PPL Date Received: 09/03/15

% Moisture: not dec. 11 Date Analyzed: 09/11/15

GC Column: rtx-vms ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-11 5-12, 11.0 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water): SOIL Lab Sample ID: BJ86838

Sample wt/vol: 5.42 (g/mL) g Lab File ID: 0911_21.D

Level: (low/med): PPL Date Received: 09/03/15

% Moisture: not dec. 27 Date Analyzed: 09/11/15

GC Column: rtx-vms ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID

MW-9 5.3, 3.75 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water) SOIL Lab Sample ID: BJ86813

Sample wt/vol: 15.15 (g/mL) g Lab File ID: 0903_31.D

Level: (low/med) Low Date Received: 09/03/15

% Moisture: not dec. 20 decanted:(Y/N) NA Date Extracted: 09/04/15

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 9/4/2015

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.205	17000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-9 5-4, 3.75-4.75 FT

Lab Name: Phoenix Environmental Labs | Client: HANSONV

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GBJ86812

Matrix:(soil/water): SOIL | Lab Sample ID: BJ86815

Sample wt/vol: 15.14 (g/mL) g | Lab File ID: 0904_10.D

Level: (low/med): Low | Date Received: 09/03/15

% Moisture: not dec. 19 decanted:(Y/N) NA | Date Extracted: 09/04/15

GPC Cleanup (Y/N): N pH: NA | Date Analyzed: 9/4/2015

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 2 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000127-18-4	Tetrachloroethylene	1.512	430	JN
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.694	26000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-9 5-6, 6-7 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water): SOIL Lab Sample ID: BJ86817

Sample wt/vol: 15.06 (g/mL) g Lab File ID: 0905_16.D

Level: (low/med): Low Date Received: 09/03/15

% Moisture: not dec. 21 decanted:(Y/N) NA Date Extracted: 09/05/15

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 9/5/2015

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown	1.872	1100	JN
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.096	68000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-9 5-8, 7.75-8.0

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water): SOIL Lab Sample ID: BJ86819

Sample wt/vol: 15.05 (g/mL) g Lab File ID: 0903_29.D

Level: (low/med): Low Date Received: 09/03/15

% Moisture: not dec. 22 decanted:(Y/N) NA Date Extracted: 09/04/15

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 9/4/2015

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 15 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Unknown	1.514	1100	JN
	Unknown	1.764	48000	JN
006044-71-9	Dodecane, 6-methyl-	3.784	1100	JN
000504-44-9	Hexadecane, 2,6,11,15-tetramethyl-	4.085	1900	JN
000581-42-0	Naphthalene, 2,6-dimethyl-	4.827	950	JN
	Unknown	4.918	4000	JN
003891-98-3	Dodecane, 2,6,10-trimethyl-	4.989	2500	JN
	Unknown	5.088	2500	JN
002131-42-2	Naphthalene, 1,4,6-trimethyl-	5.276	1100	JN
000829-26-5	Naphthalene, 2,3,6-trimethyl-	5.375	820	JN
002245-38-7	Naphthalene, 1,6,7-trimethyl-	5.398	990	JN
	Unknown	5.486	1100	JN
	Unknown	5.784	1700	JN
055045-07-3	Dodecane, 2-methyl-8-propyl-	6.015	1600	JN
	Unknown	7.475	1000	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID

MW-10 5-3, 3-4 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water) SOIL Lab Sample ID: BJ86821

Sample wt/vol: 15.25 (g/mL) g Lab File ID: 0904_11.D

Level: (low/med) Low Date Received: 09/03/15

% Moisture: not dec. 21 decanted:(Y/N) NA Date Extracted: 09/04/15

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 9/4/2015

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.691	32000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-10 5.5 - 5.6 FT

Lab Name: Phoenix Environmental Labs | Client: HANSONV

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GBJ86812

Matrix:(soil/water): SOIL | Lab Sample ID: BJ86823

Sample wt/vol: 15.22 (g/mL) g | Lab File ID: 0904_12.D

Level: (low/med): Low | Date Received: 09/03/15

% Moisture: not dec. 22 | decanted:(Y/N) NA | Date Extracted: 09/04/15

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 9/4/2015

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 1 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.685	23000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-10 5-6, 6-7 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water): SOIL Lab Sample ID: BJ86825

Sample wt/vol: 15.19 (g/mL) g Lab File ID: 0904_13.D

Level: (low/med): Low Date Received: 09/03/15

% Moisture: not dec. 17 decanted:(Y/N) NA Date Extracted: 09/04/15

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 9/4/2015

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000127-18-4	Tetrachloroethylene	1.509	350	JN
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.680	21000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-10 5-10, 9-10 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water): SOIL Lab Sample ID: BJ86827

Sample wt/vol: 15.19 (g/mL) g Lab File ID: 0904_14.D

Level: (low/med): Low Date Received: 09/03/15

% Moisture: not dec. 15 decanted:(Y/N) NA Date Extracted: 09/04/15

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 9/4/2015

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000127-18-4	Tetrachloroethylene	1.506	350	JN
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.682	21000	JNA
	unknown	8.235	340	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID

MW-11 S-3, 2-3 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water) SOIL Lab Sample ID: BJ86829

Sample wt/vol: 15.29 (g/mL) g Lab File ID: 0904_15.D

Level: (low/med) Low Date Received: 09/03/15

% Moisture: not dec. 17 decanted:(Y/N) NA Date Extracted: 09/04/15

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 9/4/2015

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.677	17000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-11 S-4, 3-4 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water): SOIL Lab Sample ID: BJ86831

Sample wt/vol: 15.06 (g/mL) g Lab File ID: 0904_16.D

Level: (low/med): Low Date Received: 09/03/15

% Moisture: not dec. 19 decanted:(Y/N) NA Date Extracted: 09/04/15

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 9/4/2015

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown	1.452	840	JN
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.688	36000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID

MW-11 5-8 7.8 FT

Lab Name: Phoenix Environmental Labs Client: HANSONV

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ86812

Matrix:(soil/water) SOIL Lab Sample ID: BJ86833

Sample wt/vol: 15.22 (g/mL) g Lab File ID: 0904_17.D

Level: (low/med) Low Date Received: 09/03/15

% Moisture: not dec. 22 decanted:(Y/N) NA Date Extracted: 09/04/15

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 9/4/2015

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.682	24000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-11 5-10 8.5-9.5 FT

Lab Name: Phoenix Environmental Labs | Client: HANSONV

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GBJ86812

Matrix:(soil/water): SOIL | Lab Sample ID: BJ86835

Sample wt/vol: 15.42 (g/mL) g | Lab File ID: 0904_18.D

Level: (low/med): Low | Date Received: 09/03/15

% Moisture: not dec. 26 decanted:(Y/N) NA | Date Extracted: 09/04/15

GPC Cleanup (Y/N): N pH: NA | Date Analyzed: 9/4/2015

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 1 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.694	27000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-11-5-11, 9.5-10.5 FT

Lab Name: Phoenix Environmental Labs | Client: HANSONV

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GBJ86812

Matrix:(soil/water): SOIL | Lab Sample ID: BJ86837

Sample wt/vol: 15.14 (g/mL) g | Lab File ID: 0904_19.D

Level: (low/med): Low | Date Received: 09/03/15

% Moisture: not dec. 9 decanted:(Y/N) NA | Date Extracted: 09/04/15

GPC Cleanup (Y/N): N pH: NA | Date Analyzed: 9/4/2015

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 1 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.685	20000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-11 5-12, 10.5-11.5 FT

Lab Name: Phoenix Environmental Labs | Client: HANSONV

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GBJ86812

Matrix:(soil/water): SOIL | Lab Sample ID: BJ86839

Sample wt/vol: 15.05 (g/mL) g | Lab File ID: 0904_20.D

Level: (low/med): Low | Date Received: 09/03/15

% Moisture: not dec. 24 decanted:(Y/N) NA | Date Extracted: 09/04/15

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 9/4/2015

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 1 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.679	19000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

October 01, 2015

QA/QC Data

SDG I.D.: GBJ86812

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 319367 (mg/kg), QC Sample No: BJ86276 (BJ86813, BJ86815, BJ86817, BJ86819, BJ86821, BJ86823, BJ86825)														
Mercury - Soil	BRL	0.06	0.14	0.15	NC	115	120	4.3	103	119	14.4	70 - 130	30	
Comment:														
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.														
QA/QC Batch 319314 (mg/kg), QC Sample No: BJ86675 (BJ86813, BJ86815, BJ86817, BJ86819, BJ86821, BJ86823)														
ICP Metals - Soil														
Aluminum	BRL	5.0	9480	9320	1.70	90.0	92.2	2.4	NC	NC	NC	75 - 125	30	
Antimony	BRL	3.3	<1.8	<3.7	NC	95.9	95.9	0.0	83.0	80.7	2.8	75 - 125	30	
Arsenic	BRL	0.67	6.7	5.42	21.1	99.2	101	1.8	97.3	94.3	3.1	75 - 125	30	
Barium	BRL	0.33	67.5	74.2	9.50	99.8	100	0.2	117	98.3	17.4	75 - 125	30	
Beryllium	BRL	0.27	0.47	0.46	NC	95.7	96.7	1.0	99.0	95.2	3.9	75 - 125	30	
Cadmium	BRL	0.33	0.24	0.22	NC	94.0	93.2	0.9	95.0	92.2	3.0	75 - 125	30	
Calcium	BRL	5.0	3320	3290	0.90	94.2	93.1	1.2	NC	NC	NC	75 - 125	30	
Chromium	BRL	0.33	20.5	19.7	4.00	95.5	96.2	0.7	102	97.0	5.0	75 - 125	30	
Cobalt	BRL	0.33	9.62	8.85	8.30	96.3	97.4	1.1	98.1	94.7	3.5	75 - 125	30	
Copper	BRL	0.33	42.0	37.5	11.3	93.4	95.9	2.6	111	97.6	12.8	75 - 125	30	
Iron	BRL	5.0	17100	16400	4.20	96.3	99.2	3.0	NC	NC	NC	75 - 125	30	
Lead	BRL	0.33	88.6	93.6	5.50	100	99.2	0.8	121	106	13.2	75 - 125	30	
Magnesium	BRL	5.0	2920	2970	1.70	89.7	91.5	2.0	NC	NC	NC	75 - 125	30	
Manganese	BRL	0.33	410	418	1.90	98.2	97.3	0.9	>130	>130	NC	75 - 125	30	m
Nickel	BRL	0.33	15.6	15.8	1.30	96.6	96.8	0.2	99.2	94.4	5.0	75 - 125	30	
Potassium	BRL	5.0	1590	1580	0.60	93.2	93.7	0.5	>130	>130	NC	75 - 125	30	m
Selenium	BRL	1.3	<1.4	<1.5	NC	97.3	96.8	0.5	85.5	82.1	4.1	75 - 125	30	
Silver	BRL	0.33	<0.36	<0.37	NC	99.6	97.9	1.7	100	97.3	2.7	75 - 125	30	
Sodium	BRL	5.0	488	482	1.20	86.3	86.3	0.0	>130	>130	NC	75 - 125	30	m
Thallium	BRL	3.0	<1.4	<3.3	NC	96.7	95.8	0.9	97.9	95.1	2.9	75 - 125	30	
Vanadium	BRL	0.33	26.1	26.2	0.40	99.7	101	1.3	107	99.9	6.9	75 - 125	30	
Zinc	BRL	0.33	129	86.5	39.4	97.3	98.9	1.6	94.3	59.3	45.6	75 - 125	30	m,r
QA/QC Batch 319540 (mg/kg), QC Sample No: BJ86829 (BJ86829, BJ86831, BJ86833, BJ86835, BJ86837)														
Mercury - Soil	BRL	0.06	0.37	0.26	34.9	110	117	6.2	81.6			70 - 130	30	r
Comment:														
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.														
QA/QC Batch 319335 (mg/kg), QC Sample No: BJ86837 (BJ86825, BJ86829, BJ86831, BJ86833, BJ86835, BJ86837, BJ86839)														
ICP Metals - Soil														
Aluminum	BRL	5.0	15200	13400	12.6	84.9	79.2	6.9	NC	NC	NC	75 - 125	30	
Antimony	BRL	3.3	<1.7	<3.4	NC	92.3	85.4	7.8	71.8	64.4	10.9	75 - 125	30	m
Arsenic	BRL	0.67	5.8	6.21	6.80	92.6	85.8	7.6	86.5	89.9	3.9	75 - 125	30	
Barium	BRL	0.33	117	93.3	22.5	93.1	86.5	7.3	88.5	106	18.0	75 - 125	30	
Beryllium	BRL	0.27	0.77	0.68	NC	89.6	84.5	5.9	89.9	91.5	1.8	75 - 125	30	
Cadmium	BRL	0.33	<0.34	<0.34	NC	89.5	79.3	12.1	85.4	86.7	1.5	75 - 125	30	
Calcium	BRL	5.0	2010	1570	24.6	82.9	81.8	1.3	NC	NC	NC	75 - 125	30	
Chromium	BRL	0.33	19.6	18.9	3.60	90.7	83.7	8.0	92.7	94.5	1.9	75 - 125	30	

QA/QC Data

SDG I.D.: GBJ86812

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Cobalt	BRL	0.33	12.1	10.8	11.4	93.4	83.4	11.3	88.8	90.8	2.2	75 - 125	30	
Copper	BRL	0.33	33.4	34.2	2.40	90.1	84.9	5.9	99.3	101	1.7	75 - 125	30	
Iron	BRL	5.0	31700	30600	3.50	88.4	77.9	12.6	NC	NC	NC	75 - 125	30	
Lead	BRL	0.33	43.6	212	132	88.4	83.6	5.6	85.3	88.6	3.8	75 - 125	30	r
Magnesium	BRL	5.0	6300	5500	13.6	85.0	78.1	8.5	NC	NC	NC	75 - 125	30	
Manganese	BRL	0.33	888	770	14.2	93.2	83.9	10.5	NC	NC	NC	75 - 125	30	
Nickel	BRL	0.33	25.3	22.5	11.7	92.2	83.2	10.3	86.7	88.5	2.1	75 - 125	30	
Potassium	BRL	5.0	2020	1940	4.00	96.2	93.7	2.6	>130	>130	NC	75 - 125	30	m
Selenium	BRL	1.3	<1.3	<1.4	NC	91.4	84.4	8.0	77.0	80.0	3.8	75 - 125	30	
Silver	BRL	0.33	<0.34	<0.34	NC	93.7	87.8	6.5	94.9	96.3	1.5	75 - 125	30	
Sodium	BRL	5.0	130	125	3.90	88.2	86.2	2.3	>130	>130	NC	75 - 125	30	m
Thallium	BRL	3.0	<1.3	<3.1	NC	92.6	79.6	15.1	88.7	90.1	1.6	75 - 125	30	
Vanadium	BRL	0.33	21.3	18.8	12.5	92.5	82.9	10.9	93.7	96.6	3.0	75 - 125	30	
Zinc	BRL	0.33	86.1	81.4	5.60	89.3	83.5	6.7	85.9	89.7	4.3	75 - 125	30	
QA/QC Batch 319661 (mg/kg), QC Sample No: BJ87396 (BJ86839)														
Mercury - Soil	BRL	0.06	0.04	0.04	NC	92.3	94.9	2.8	97.7	118	18.8	70 - 130	30	

Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.

m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

October 01, 2015

QA/QC Data

SDG I.D.: GBJ86812

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 319317 (ug/Kg), QC Sample No: BJ86301 2X (BJ86813, BJ86815, BJ86817, BJ86819)										
Pesticides - Soil										
4,4' -DDD	ND	1.7	94	108	13.9				40 - 140	30
4,4' -DDE	ND	1.7	94	108	13.9				40 - 140	30
4,4' -DDT	ND	1.7	69	71	2.9				40 - 140	30
a-BHC	ND	3.3	86	103	18.0				40 - 140	30
a-Chlordane	ND	3.3	90	105	15.4				40 - 140	30
Aldrin	ND	1.0	88	105	17.6				40 - 140	30
b-BHC	ND	3.3	87	102	15.9				40 - 140	30
Chlordane	ND	33	103	139	29.8				40 - 140	30
d-BHC	ND	3.3	82	95	14.7				40 - 140	30
Dieldrin	ND	1.0	94	108	13.9				40 - 140	30
Endosulfan I	ND	3.3	96	112	15.4				40 - 140	30
Endosulfan II	ND	3.3	94	104	10.1				40 - 140	30
Endosulfan sulfate	ND	3.3	84	92	9.1				40 - 140	30
Endrin	ND	3.3	93	106	13.1				40 - 140	30
Endrin aldehyde	ND	3.3	90	103	13.5				40 - 140	30
Endrin ketone	ND	3.3	91	101	10.4				40 - 140	30
g-BHC	ND	1.0	86	103	18.0				40 - 140	30
g-Chlordane	ND	3.3	103	139	29.8				40 - 140	30
Heptachlor	ND	3.3	90	107	17.3				40 - 140	30
Heptachlor epoxide	ND	3.3	87	102	15.9				40 - 140	30
Methoxychlor	ND	3.3	84	93	10.2				40 - 140	30
Toxaphene	ND	130	NA	NA	NC				40 - 140	30
% DCBP	109	%	102	113	10.2				30 - 150	30
% TCMX	99	%	91	110	18.9				30 - 150	30

Comment:

The QC for this batch consists of a Blank, LCS, and LCSD.

QA/QC Batch 319290 (ug/Kg), QC Sample No: BJ86301 2X (BJ86813, BJ86815, BJ86817, BJ86819, BJ86821, BJ86823, BJ86825, BJ86829, BJ86831, BJ86833, BJ86835, BJ86837)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	33	93			88	91	3.4	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	89			94	86	8.9	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	106	%	112			112	102	9.3	30 - 150	30
% TCMX (Surrogate Rec)	100	%	106			111	103	7.5	30 - 150	30

QA/QC Data

SDG I.D.: GBJ86812

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Comment:											
LCSD could not be reported for this batch. Aw											
QA/QC Batch 319326 (ug/Kg), QC Sample No: BJ86678 2X (BJ86839)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	33	87	73	17.5	94	83	12.4	40 - 140	30	
PCB-1221	ND	33							40 - 140	30	
PCB-1232	ND	33							40 - 140	30	
PCB-1242	ND	33							40 - 140	30	
PCB-1248	ND	33							40 - 140	30	
PCB-1254	ND	33							40 - 140	30	
PCB-1260	ND	33	90	92	2.2	104	94	10.1	40 - 140	30	
PCB-1262	ND	33							40 - 140	30	
PCB-1268	ND	33							40 - 140	30	
% DCBP (Surrogate Rec)	111	%	108	114	5.4	124	112	10.2	30 - 150	30	
% TCMX (Surrogate Rec)	97	%	104	91	13.3	112	108	3.6	30 - 150	30	
QA/QC Batch 320188 (ug/kg), QC Sample No: BJ86812 (BJ86812 (1X, 50X) , BJ86814 (1X, 50X) , BJ86816 (1X, 50X) , BJ86818 (50X) , BJ86820 (1X, 50X) , BJ86822 (1X, 50X) , BJ86824 (1X, 50X) , BJ86826, BJ86828, BJ86830, BJ86832, BJ86834, BJ86836, BJ86838)											
Volatiles - Soil											
1,1,1-Trichloroethane	ND	5.0	108	109	0.9	109	100	8.6	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	98	100	2.0	96	88	8.7	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	100	102	2.0	97	93	4.2	70 - 130	30	
1,1-Dichloroethane	ND	5.0	110	108	1.8	107	99	7.8	70 - 130	30	
1,1-Dichloroethene	ND	5.0	111	112	0.9	113	100	12.2	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	98	99	1.0	75	71	5.5	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	101	100	1.0	78	68	13.7	70 - 130	30	m
1,2-Dibromo-3-chloropropane	ND	5.0	90	98	8.5	92	85	7.9	70 - 130	30	
1,2-Dibromoethane	ND	5.0	98	101	3.0	96	90	6.5	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	99	97	2.0	87	77	12.2	70 - 130	30	
1,2-Dichloroethane	ND	5.0	105	106	0.9	101	95	6.1	70 - 130	30	
1,2-Dichloropropane	ND	5.0	104	105	1.0	100	93	7.3	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	101	100	1.0	87	76	13.5	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	101	99	2.0	87	77	12.2	70 - 130	30	
1,4-dioxane	ND	100	93	105	12.1	99	90	9.5	70 - 130	30	
2-Hexanone	ND	25	77	82	6.3	81	76	6.4	70 - 130	30	
4-Methyl-2-pentanone	ND	25	92	97	5.3	95	93	2.1	70 - 130	30	
Acetone	ND	10	89	93	4.4	>200	166	NC	70 - 130	30	m
Benzene	ND	1.0	104	104	0.0	100	93	7.3	70 - 130	30	
Bromochloromethane	ND	5.0	109	109	0.0	110	99	10.5	70 - 130	30	
Bromodichloromethane	ND	5.0	110	110	0.0	105	99	5.9	70 - 130	30	
Bromoform	ND	5.0	103	107	3.8	94	93	1.1	70 - 130	30	
Bromomethane	ND	5.0	111	108	2.7	113	99	13.2	70 - 130	30	
Carbon Disulfide	ND	5.0	115	114	0.9	111	99	11.4	70 - 130	30	
Carbon tetrachloride	ND	5.0	112	112	0.0	109	99	9.6	70 - 130	30	
Chlorobenzene	ND	5.0	101	99	2.0	93	85	9.0	70 - 130	30	
Chloroethane	ND	5.0	108	104	3.8	106	96	9.9	70 - 130	30	
Chloroform	ND	5.0	99	104	4.9	105	96	9.0	70 - 130	30	
Chloromethane	ND	5.0	109	106	2.8	108	96	11.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	109	109	0.0	107	97	9.8	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	108	111	2.7	102	95	7.1	70 - 130	30	
Cyclohexane	ND	5.0	104	104	0.0	106	93	13.1	70 - 130	30	
Dibromochloromethane	ND	3.0	106	109	2.8	100	96	4.1	70 - 130	30	

QA/QC Data

SDG I.D.: GBJ86812

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Dichlorodifluoromethane	ND	5.0	117	116	0.9	114	103	10.1	70 - 130	30	
Ethylbenzene	ND	1.0	101	99	2.0	96	86	11.0	70 - 130	30	
Isopropylbenzene	ND	1.0	97	95	2.1	94	82	13.6	70 - 130	30	
m&p-Xylene	ND	2.0	99	98	1.0	94	85	10.1	70 - 130	30	
Methyl ethyl ketone	ND	5.0	82	87	5.9	86	82	4.8	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	105	107	1.9	107	102	4.8	70 - 130	30	
Methylacetate	ND	5.0	93	103	10.2	105	98	6.9	70 - 130	30	
Methylcyclohexane	ND	5.0	97	99	2.0	95	86	9.9	70 - 130	30	
Methylene chloride	ND	5.0	95	98	3.1	114	98	15.1	70 - 130	30	
o-Xylene	ND	2.0	100	98	2.0	94	86	8.9	70 - 130	30	
Styrene	ND	5.0	101	101	0.0	91	84	8.0	70 - 130	30	
Tetrachloroethene	ND	5.0	104	103	1.0	21	<10	NC	70 - 130	30	m
Toluene	ND	1.0	103	103	0.0	99	91	8.4	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	112	111	0.9	111	100	10.4	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	111	113	1.8	103	97	6.0	70 - 130	30	
Trichloroethene	ND	5.0	103	102	1.0	97	87	10.9	70 - 130	30	
Trichlorofluoromethane	ND	5.0	109	107	1.9	110	98	11.5	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	108	107	0.9	109	98	10.6	70 - 130	30	
Vinyl chloride	ND	5.0	111	110	0.9	111	100	10.4	70 - 130	30	
% 1,2-dichlorobenzene-d4	99	%	99	101	2.0	101	101	0.0	70 - 130	30	
% Bromofluorobenzene	99	%	102	102	0.0	98	103	5.0	70 - 130	30	
% Dibromofluoromethane	101	%	101	105	3.9	104	109	4.7	70 - 130	30	
% Toluene-d8	97	%	101	104	2.9	102	103	1.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 319328 (ug/Kg), QC Sample No: BJ86837 2X (BJ86821, BJ86823, BJ86825, BJ86829, BJ86831, BJ86833, BJ86835, BJ86837, BJ86839)

Pesticides - Soil

4,4' -DDD	ND	1.7		99		94	104	10.1	40 - 140	30	
4,4' -DDE	ND	1.7		88		82	88	7.1	40 - 140	30	
4,4' -DDT	ND	1.7		89		83	97	15.6	40 - 140	30	
a-BHC	ND	3.3		86		81	88	8.3	40 - 140	30	
a-Chlordane	ND	3.3		89		84	91	8.0	40 - 140	30	
Aldrin	ND	1.0		83		78	86	9.8	40 - 140	30	
b-BHC	ND	3.3		87		105	97	7.9	40 - 140	30	
Chlordane	ND	33		90		87	93	6.7	40 - 140	30	
d-BHC	ND	3.3		94		87	90	3.4	40 - 140	30	
Dieldrin	ND	1.0		88		81	88	8.3	40 - 140	30	
Endosulfan I	ND	3.3		89		83	90	8.1	40 - 140	30	
Endosulfan II	ND	3.3		88		84	93	10.2	40 - 140	30	
Endosulfan sulfate	ND	3.3		84		84	87	3.5	40 - 140	30	
Endrin	ND	3.3		97		93	101	8.2	40 - 140	30	
Endrin aldehyde	ND	3.3		78		80	82	2.5	40 - 140	30	
Endrin ketone	ND	3.3		89		79	86	8.5	40 - 140	30	
g-BHC	ND	1.0		85		80	86	7.2	40 - 140	30	
g-Chlordane	ND	3.3		90		87	93	6.7	40 - 140	30	
Heptachlor	ND	3.3		97		87	93	6.7	40 - 140	30	
Heptachlor epoxide	ND	3.3		99		92	100	8.3	40 - 140	30	
Methoxychlor	ND	3.3		103		117	121	3.4	40 - 140	30	
Toxaphene	ND	130		NA		NA	NA	NC	40 - 140	30	
% DCBP	101	%		91		85	90	5.7	30 - 150	30	
% TCMX	96	%		86		81	87	7.1	30 - 150	30	

QA/QC Data

SDG I.D.: GBJ86812

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Comment:											
The QC for this batch consists of a Blank, LCS, MS, and MSD.											
QA/QC Batch 319329 (ug/Kg), QC Sample No: BJ86837 (BJ86813, BJ86815, BJ86817, BJ86819, BJ86821, BJ86823, BJ86825, BJ86827, BJ86829, BJ86831, BJ86833, BJ86835, BJ86837, BJ86839)											
Semivolatiles - Soil											
1,1-Biphenyl	ND	230	60	52	14.3	54	50	7.7	30 - 130	30	
1,2,4,5-Tetrachlorobenzene	ND	230	63	53	17.2	57	53	7.3	30 - 130	30	
2,3,4,6-tetrachlorophenol	ND	230	66	62	6.3	59	57	3.4	30 - 130	30	
2,4,5-Trichlorophenol	ND	230	72	64	11.8	63	60	4.9	30 - 130	30	
2,4,6-Trichlorophenol	ND	130	70	61	13.7	59	55	7.0	30 - 130	30	
2,4-Dichlorophenol	ND	130	74	63	16.1	64	59	8.1	30 - 130	30	
2,4-Dimethylphenol	ND	230	73	63	14.7	54	47	13.9	30 - 130	30	
2,4-Dinitrophenol	ND	230	11	17	42.9	55	45	20.0	30 - 130	30	l,r
2,4-Dinitrotoluene	ND	130	72	65	10.2	65	61	6.3	30 - 130	30	
2,6-Dinitrotoluene	ND	130	69	61	12.3	61	58	5.0	30 - 130	30	
2-Chloronaphthalene	ND	230	64	56	13.3	57	53	7.3	30 - 130	30	
2-Chlorophenol	ND	230	62	52	17.5	55	52	5.6	30 - 130	30	
2-Methylnaphthalene	ND	230	70	59	17.1	64	60	6.5	30 - 130	30	
2-Methylphenol (o-cresol)	ND	230	63	54	15.4	54	50	7.7	30 - 130	30	
2-Nitroaniline	ND	330	77	68	12.4	68	65	4.5	30 - 130	30	
2-Nitrophenol	ND	230	74	63	16.1	69	66	4.4	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	230	67	57	16.1	56	52	7.4	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	65	58	11.4	45	40	11.8	30 - 130	30	
3-Nitroaniline	ND	330	71	63	11.9	64	60	6.5	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230	31	38	20.3	68	55	21.1	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	64	57	11.6	58	56	3.5	30 - 130	30	
4-Chloro-3-methylphenol	ND	230	79	68	15.0	69	65	6.0	30 - 130	30	
4-Chloroaniline	ND	230	81	67	18.9	69	65	6.0	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	62	55	12.0	55	52	5.6	30 - 130	30	
4-Nitroaniline	ND	230	73	65	11.6	66	64	3.1	30 - 130	30	
4-Nitrophenol	ND	230	74	65	12.9	65	61	6.3	30 - 130	30	
Acenaphthene	ND	230	60	52	14.3	54	50	7.7	30 - 130	30	
Acenaphthylene	ND	130	61	54	12.2	54	51	5.7	30 - 130	30	
Acetophenone	ND	230	60	51	16.2	55	52	5.6	30 - 130	30	
Anthracene	ND	230	68	60	12.5	61	59	3.3	30 - 130	30	
Atrazine	ND	130	70	61	13.7	62	59	5.0	30 - 130	30	
Benz(a)anthracene	ND	230	67	60	11.0	60	57	5.1	30 - 130	30	
Benzaldehyde	ND	230	113	91	21.6	179	171	4.6	30 - 130	30	m
Benzo(a)pyrene	ND	130	69	62	10.7	60	58	3.4	30 - 130	30	
Benzo(b)fluoranthene	ND	160	70	63	10.5	61	59	3.3	30 - 130	30	
Benzo(ghi)perylene	ND	230	70	61	13.7	60	58	3.4	30 - 130	30	
Benzo(k)fluoranthene	ND	230	69	62	10.7	61	59	3.3	30 - 130	30	
Benzyl butyl phthalate	ND	230	73	68	7.1	67	64	4.6	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	67	58	14.4	62	58	6.7	30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	49	41	17.8	45	43	4.5	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	230	59	49	18.5	55	51	7.5	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	75	68	9.8	67	63	6.2	30 - 130	30	
Caprolactam	ND	230	70	64	9.0	61	57	6.8	30 - 130	30	
Carbazole	ND	330	72	64	11.8	64	62	3.2	30 - 130	30	
Chrysene	ND	230	70	63	10.5	61	58	5.0	30 - 130	30	
Dibenz(a,h)anthracene	ND	130	68	60	12.5	58	57	1.7	30 - 130	30	
Dibenzofuran	ND	230	67	60	11.0	59	56	5.2	30 - 130	30	

QA/QC Data

SDG I.D.: GBJ86812

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Diethyl phthalate	ND	230	69	61	12.3	61	58	5.0	30 - 130	30
Dimethylphthalate	ND	230	66	59	11.2	59	55	7.0	30 - 130	30
Di-n-butylphthalate	ND	230	73	66	10.1	68	64	6.1	30 - 130	30
Di-n-octylphthalate	ND	230	68	63	7.6	62	58	6.7	30 - 130	30
Fluoranthene	ND	230	69	62	10.7	65	60	8.0	30 - 130	30
Fluorene	ND	230	66	58	12.9	59	55	7.0	30 - 130	30
Hexachlorobenzene	ND	130	65	58	11.4	62	59	5.0	30 - 130	30
Hexachlorobutadiene	ND	230	61	50	19.8	53	48	9.9	30 - 130	30
Hexachlorocyclopentadiene	ND	230	62	51	19.5	53	50	5.8	30 - 130	30
Hexachloroethane	ND	130	49	42	15.4	44	41	7.1	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	67	59	12.7	58	56	3.5	30 - 130	30
Isophorone	ND	130	64	54	16.9	58	53	9.0	30 - 130	30
Naphthalene	ND	230	67	55	19.7	60	56	6.9	30 - 130	30
Nitrobenzene	ND	130	62	54	13.8	57	55	3.6	30 - 130	30
N-Nitrosodimethylamine	ND	230	51	43	17.0	52	48	8.0	30 - 130	30
N-Nitrosodi-n-propylamine	ND	130	67	55	19.7	61	57	6.8	30 - 130	30
N-Nitrosodiphenylamine	ND	130	68	60	12.5	56	53	5.5	30 - 130	30
Pentachlorophenol	ND	230	59	55	7.0	62	59	5.0	30 - 130	30
Phenanthrene	ND	130	67	59	12.7	60	58	3.4	30 - 130	30
Phenol	ND	230	66	58	12.9	60	58	3.4	30 - 130	30
Pyrene	ND	230	70	62	12.1	65	62	4.7	30 - 130	30
% 2,4,6-Tribromophenol	74	%	72	68	5.7	64	60	6.5	30 - 130	30
% 2-Fluorobiphenyl	62	%	60	53	12.4	53	49	7.8	30 - 130	30
% 2-Fluorophenol	49	%	55	46	17.8	46	44	4.4	30 - 130	30
% Nitrobenzene-d5	64	%	60	53	12.4	56	53	5.5	30 - 130	30
% Phenol-d5	55	%	59	51	14.5	53	49	7.8	30 - 130	30
% Terphenyl-d14	78	%	75	68	9.8	69	64	7.5	30 - 130	30

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 320193 (ug/kg), QC Sample No: BJ87389 (BJ86826 (50X) , BJ86830 (50X) , BJ86832 (50X) , BJ86834 (50X) , BJ86836 (50X) , BJ86838 (50X))

Volatiles - Soil

cis-1,2-Dichloroethene	ND	5.0	96	96	0.0	89	96	7.6	70 - 130	30
Tetrachloroethene	ND	5.0	92	96	4.3	89	96	7.6	70 - 130	30
Trichloroethene	ND	5.0	97	101	4.0	88	94	6.6	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
October 01, 2015

Sample Criteria Exceedences Report

GBJ86812 - HANSONV

Criteria: NY: 375

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ86813	$PESTSM_NY	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	4.0	3.3	3.3	ug/Kg
BJ86813	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.24	0.03	0.18	0.18	mg/Kg
BJ86814	$DP8260_TCLS	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	2600	310	1300	1300	ug/Kg
BJ86815	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.31	0.03	0.18	0.18	mg/Kg
BJ86815	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	136	0.8	63	63	mg/Kg
BJ86817	$PESTSM_NY	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	4.0	3.3	3.3	ug/Kg
BJ86817	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.26	0.03	0.18	0.18	mg/Kg
BJ86817	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	85.1	0.8	63	63	mg/Kg
BJ86818	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	6200	100	100	ug/kg
BJ86818	$DP8260_TCLS	Total Xylenes	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	310	260	260	ug/Kg
BJ86818	$DP8260_TCLS	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3100	50	50	ug/Kg
BJ86818	$DP8260_TCLS	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	310	20	20	ug/Kg
BJ86818	$DP8260_TCLS	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	310	190	190	ug/Kg
BJ86818	$DP8260_TCLS	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	310	50	50	ug/Kg
BJ86818	$DP8260_TCLS	Methyl ethyl ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1800	120	120	ug/Kg
BJ86818	$DP8260_TCLS	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	310	60	60	ug/Kg
BJ86818	$DP8260_TCLS	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	310	20	20	ug/Kg
BJ86818	$DP8260_TCLS	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	310	270	270	ug/Kg
BJ86818	$DP8260_TCLS	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	330	310	250	250	ug/Kg
BJ86819	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	3.06	0.16	0.18	0.18	mg/Kg
BJ86819	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	361	8.1	63	63	mg/Kg
BJ86820	$DP8260_TCLS	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1700	320	1300	1300	ug/Kg
BJ86821	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.41	0.03	0.18	0.18	mg/Kg
BJ86821	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	198	8.2	63	63	mg/Kg
BJ86821	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	150	0.8	109	109	mg/Kg
BJ86822	$DP8260_TCLS	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1500	310	1300	1300	ug/Kg
BJ86824	$DP8260_TCLS	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	570	310	250	250	ug/Kg
BJ86824	$DP8260_TCLS	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1100	310	470	470	ug/Kg
BJ86824	$DP8260_TCLS	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	6300	310	1300	1300	ug/Kg
BJ86825	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.21	0.03	0.18	0.18	mg/Kg
BJ86825	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	154	7.6	63	63	mg/Kg
BJ86825	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	410	7.6	109	109	mg/Kg
BJ86826	$DP8260_TCLS	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	380	300	250	250	ug/Kg

Sample Criteria Exceedences Report

GBJ86812 - HANSONV

Criteria: NY: 375

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ86826	$DP8260_TCLS	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	710	300	470	470	ug/Kg
BJ86826	$DP8260_TCLS	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	4400	300	1300	1300	ug/Kg
BJ86829	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	51.9	0.36	50	50	mg/kg
BJ86829	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.37	0.03	0.18	0.18	mg/Kg
BJ86829	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	114	0.7	63	63	mg/Kg
BJ86831	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	59.9	0.39	50	50	mg/kg
BJ86831	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.72	0.03	0.18	0.18	mg/Kg
BJ86831	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	247	7.7	63	63	mg/Kg
BJ86831	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	127	0.8	109	109	mg/Kg
BJ86833	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	30.8	0.40	30		mg/Kg
BJ86833	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	66.4	0.40	50	50	mg/kg
BJ86833	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	35.8	0.40	30	30	mg/Kg
BJ86833	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	90.0	0.8	63	63	mg/Kg
BJ86835	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	32.0	0.41	30	30	mg/Kg
BJ86839	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	33.1	0.45	30	30	mg/Kg
BJ86839	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	68.7	0.9	63	63	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4°C Pg 1 of 3

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Hanson VanVleet LLC
Address: 902 Rt 146, Clifton Park, NY 12065

Project: Tim Bayly Property
Report to: K. Van Vleet
Invoice to: K. Van Vleet

Project P.O: 3222.95002
Phone #: 518-371-7940
Fax #: 518-371-5885

Sampler's Signature: [signature] Date: 9/3/15

Client Sample - Information - Identification

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=oil
GW=groundwater **SL**=sludge **A**=air **X**=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCL VOCs + TICs	TCL SVOCs + TICs	TAL Metals	PCBs/Pesticides	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (2) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
86812	MW-9 (3.5'-5.3')	Soil	9/1/15	2:45P	X				1									
86813	MW-9 (5.3-3.7.5)	Soil	9/1/15	2:45P		X	X	X	1	2								
86814	MW-9 (5-4, 4.0')	Soil	9/1/15	3:00P	X				1									
86815	MW-9 (5-4, 3.75-4.75)	Soil	9/1/15	3:00P		X	X	X	1	2								
86816	MW-9 (5-6, 6.5')	Soil	9/1/15	3:15P	X				1									
86817	MW-9 (5-6, 6-7')	Soil	9/1/15	3:15P		X	X	X	1	2								
86818	MW-9 (5-8, 8.0')	Soil	9/2/15	10:00A	X				1									
86819	MW-9 (5-8, 7.75-8.6)	Soil	9/2/15	10:00A		X	X	X	1	2								
86820	MW-10 (5-3, 3.5')	Soil	9/1/15	10:00A	X				1									
86821	MW-10 (5-3, 3-4')	Soil	9/1/15	10:00A		X	X	X	1	2								
86822	MW-10 (5-5, 5.5')	Soil	9/1/15	10:50A	X				1									
86823	MW-10 (5-5, 5-6')	Soil	9/1/15	10:50A		X	X	X	1	2								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	9/3/15	1830

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☒ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TOGS GA GW
☐ CP-51 Soil
☒ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

Data Format
☐ Phoenix Std Report
☐ Excel
☐ PDF
☐ GIS/Key
☒ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☒ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

NY/NJ CHAIN OF CUSTODY RECORD

Temp Ambient Pg 2 of 3

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Hanson Van Vleet LLC
Address: 902 Rt 146, Clifton Park, NY 12065

Project: Tim Bayly Property
Report to: K. Van Vleet
Invoice to: K. Van Vleet

Project P.O: 3222.95002
Phone #: 518-371-7440
Fax #: 518-371-5885

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 9/3/15

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=oil
GW=groundwater SL=sludge A=air X=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCL VOCs + TICs	TCL SVOCs + TICs	TAL Metals	PCBs / Pesticides	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (2) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
86824	MW-10 (S-6, 6.5')	Soil	9/1/15	11:20	X					1								
86825	MW-10 (S-6, 6-7')	Soil	9/1/15	11:20		X	X	X		1	2							
86826	MW-10 (S-10, 9.5')	Soil	9/1/15	11:30	X					1								
86827	MW-10 (S-10, 9-10')	Soil	9/1/15	11:30		X					1							
86828	MW-11 (S-3, 2.5')	Soil	9/1/15	12:30	X					1								
86829	MW-11 (S-3, 2-3')	Soil	9/1/15	12:30		X	X	X		1	2							
86830	MW-11 (S-4, 3.5')	Soil	9/1/15	12:40	X					1								
86831	MW-11 (S-4, 3-4')	Soil	9/1/15	12:40		X	X	X		1	2							
86832	MW-11 (S-8, 7.5')	Soil	9/1/15	1:35	X					1								
86833	MW-11 (S-8, 7-8')	Soil	9/1/15	1:35		X	X	X		1	2							
86834	MW-11 (S-10, 9.0')	Soil	9/1/15	1:55	X					1								
86835	MW-11 S-10 (8.5-9.5')	Soil	9/1/15	1:55		X	X	X		1	2							

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	3 Sept 2015	1348
	[signature]	9/3/15	1830

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☒ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TOGS GA GW
☐ CP-51 Soil
☒ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

Data Format
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☐ Excel
☐ PDF
☐ GIS/Key
☒ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☒ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4°C Pg 3 of 3

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

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Fax #: 518-371-5885

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86836	MW-11 (S-11, 10')	S	9/1/15	2:10	X				1									
86837	MW-11 (S-11, 9.5-10.5')	S	9/1/15	2:10		X	X	X	1	2								
86838	MW-11 (S-12, 11.0')	S	9/1/15	2:20	X				1									
86839	MW-11 (S-12, 10.5-11.5')	S	9/1/15	2:20		X	X	X	1	2								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	9/3/15	1348
	[signature]	9/3/15	1830

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
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* SURCHARGE APPLIES

NJ
☐ Res. Criteria
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☐ Other

Data Package
☐ NJ Reduced Deliv. *
☒ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

APPENDIX I

ANALYTICAL RESULTS-GROUNDWATER SAMPLES

PHOENIX
Environmental Laboratories, Inc.

Monday, November 09, 2015

Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Project ID: TIM BAYLY
Sample ID#s: BK17096 - BK17109

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/29/15	16:50
Location Code:	HANSONV	Received by:	LB	11/02/15	16:31
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.45002				

Laboratory Data

SDG ID: GBK17096
Phoenix ID: BK17096

Project ID: TIM BAYLY
Client ID: MW-1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
PCB Extraction (2 Liter)	Completed					11/02/15	L/T	SW3510C	
Extraction for Pest (2 Liter)	Completed					11/02/15	L	SW3510C	
Semi-Volatile Extraction	Completed					11/03/15	E/W/D	SW3520C	
Pesticides									
4,4' -DDD	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
4,4' -DDE	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
4,4' -DDT	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	11/03/15	CE	SW8081B	
a-chlordane	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Alachlor	ND	0.075	0.075	ug/L	1	11/03/15	CE	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	11/03/15	CE	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	11/03/15	CE	SW8081B	
Chlordane	ND	0.10	0.10	ug/L	1	11/03/15	CE	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	11/03/15	CE	SW8081B	
Dieldrin	ND	0.002	0.002	ug/L	1	11/03/15	CE	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endrin	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	11/03/15	CE	SW8081B	
g-chlordane	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Heptachlor	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Methoxychlor	ND	0.10	0.10	ug/L	1	11/03/15	CE	SW8081B	
Toxaphene	ND	0.25	0.25	ug/L	1	11/03/15	CE	SW8081B	

Project ID: TIM BAYLY
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Phoenix I.D.: BK17096

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
QA/QC Surrogates								
%DCBP (Surrogate Rec)	30			%	1	11/03/15	CE	SW8081B
%TCMX (Surrogate Rec)	55			%	1	11/03/15	CE	SW8081B
Polychlorinated Biphenyls								
PCB-1016	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A
QA/QC Surrogates								
% DCBP	38			%	1	11/03/15	AW	30 - 150 %
% TCMX	53			%	1	11/03/15	AW	30 - 150 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	11/05/15	HM	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1,2-Trichloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1-Dichloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/05/15	HM	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichloroethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,3-Dichlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,4-Dichlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	11/05/15	HM	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/05/15	HM	SW8260C
Acetone	ND	5.0	2.5	ug/L	1	11/05/15	HM	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromoform	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromomethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Chlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Chloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Chloroform	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Chloromethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/05/15	HM	SW8260C	
Cyclohexane	ND	5.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	11/05/15	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Methylacetate	ND	2.5	2.5	ug/L	1	11/05/15	HM	SW8260C	
Methylcyclohexane	ND	2.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	11/05/15	HM	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Toluene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Total Xylenes	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
trans-1,2-Dichloroethene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97			%	1	11/05/15	HM	70 - 130 %	
% Bromofluorobenzene	98			%	1	11/05/15	HM	70 - 130 %	
% Dibromofluoromethane	99			%	1	11/05/15	HM	70 - 130 %	
% Toluene-d8	101			%	1	11/05/15	HM	70 - 130 %	
Volatile Library Search Top 10	Completed					11/05/15	HM		1
Semivolatiles									
2,4-Dinitrophenol	ND	5.0	0.90	ug/L	1	11/06/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	11/06/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
2-Nitroaniline	ND	5.0	5.0	ug/L	1	11/06/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	5.0	0.90	ug/L	1	11/06/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	11/06/15	DD	SW8270D	
3-Nitroaniline	ND	5.0	11	ug/L	1	11/06/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	5.0	5.4	ug/L	1	11/06/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
4-Chloroaniline	ND	5.0	2.3	ug/L	1	11/06/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	11/06/15	DD	SW8270D	
4-Nitroaniline	ND	5.0	1.7	ug/L	1	11/06/15	DD	SW8270D	
Acenaphthene	ND	5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
Acetophenone	ND	5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	
Benzaldehyde	ND	5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	

Project ID: TIM BAYLY
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/06/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	46	3.5	1.4	ug/L	1	11/06/15	DD	SW8270D	B
Caprolactam	ND	5.0	8.9	ug/L	1	11/06/15	DD	SW8270D	
Carbazole	ND	5.0	3.8	ug/L	1	11/06/15	DD	SW8270D	
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/06/15	DD	SW8270D	
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/06/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
Isophorone	ND	5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
Naphthalene	ND	5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	11/06/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	87			%	1	11/06/15	DD	15 - 110 %	
% 2-Fluorobiphenyl	76			%	1	11/06/15	DD	30 - 130 %	
% 2-Fluorophenol	68			%	1	11/06/15	DD	15 - 110 %	
% Nitrobenzene-d5	78			%	1	11/06/15	DD	30 - 130 %	
% Phenol-d5	71			%	1	11/06/15	DD	15 - 110 %	
% Terphenyl-d14	87			%	1	11/06/15	DD	30 - 130 %	
Semivolatiles									
1,1-Biphenyl	ND	0.50	0.50	ug/L	1	11/05/15	DD	SW8270D (SIM)	
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,3,4,6-tetrachlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,4,5-Trichlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,4,6-Trichlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,4-Dichlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,4-Dimethylphenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2-Chlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2-Methylphenol (o-cresol)	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2-Nitrophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
4-Chloro-3-methylphenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
4-Nitrophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Acenaphthylene	ND	0.30	0.30	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Anthracene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Atrazine	ND	0.50	0.50	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benzo(ghi)perylene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Bis(2-chloroethyl)ether	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Chrysene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Fluoranthene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Fluorene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	

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Client ID: MW-1

Phoenix I.D.: BK17096

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Hexachlorobutadiene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Hexachloroethane	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Nitrobenzene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
N-Nitrosodimethylamine	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Pentachlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Phenanthrene	ND	0.05	0.05	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Phenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Pyrene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	113			%	1	11/05/15	DD	15 - 110 %	3
% 2-Fluorobiphenyl	79			%	1	11/05/15	DD	30 - 130 %	
% 2-Fluorophenol	71			%	1	11/05/15	DD	15 - 110 %	
% Nitrobenzene-d5	99			%	1	11/05/15	DD	30 - 130 %	
% Phenol-d5	80			%	1	11/05/15	DD	15 - 110 %	
% Terphenyl-d14	82			%	1	11/05/15	DD	30 - 130 %	
SVOA Library Search Top 15	Completed					11/06/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Semi-Volatile Comment:
One of the surrogate recoveries was above the upper range due to sample matrix interference. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
November 09, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/30/15	13:10
Location Code:	HANSONV	Received by:	LB	11/02/15	16:31
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.45002				

Laboratory Data

SDG ID: GBK17096
Phoenix ID: BK17097

Project ID: TIM BAYLY
Client ID: MW-1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Aluminum	11.0		0.010	0.0024	mg/L	1	11/03/15	EK	SW6010C	
Aluminum (Dissolved)	0.052	*	0.011	0.0026	mg/L	1	11/03/15	EK	SW6010C	
Antimony, (Dissolved)	< 0.003		0.003	0.003	mg/L	1	11/03/15	RS	SW7010	
Antimony	< 0.002		0.002	0.002	mg/L	1	11/03/15	RS	SW7010	
Arsenic - LDL	0.009		0.004	0.001	mg/L	1	11/03/15	EK	SW6010C	
Arsenic, (Dissolved)	0.002	B	0.003	0.001	mg/L	1	11/03/15	EK	SW6010C	
Barium	0.232		0.010	0.001	mg/L	1	11/03/15	EK	SW6010C	
Barium (Dissolved)	0.122		0.011	0.001	mg/L	1	11/03/15	EK	SW6010C	
Beryllium	< 0.001		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C	
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C	
Calcium	59.0		0.10	0.030	mg/L	10	11/03/15	EK	SW6010C	B
Cadmium	< 0.004		0.004	0.0005	mg/L	1	11/03/15	EK	SW6010C	
Calcium (Dissolved)	44.2		0.01	0.003	mg/L	1	11/03/15	EK	SW6010C	
Cadmium (Dissolved)	< 0.004		0.004	0.0005	mg/L	1	11/03/15	EK	SW6010C	
Chromium	0.015		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C	
Chromium (Dissolved)	< 0.001		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C	
Cobalt	0.007		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Copper	0.018		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Cobalt, (Dissolved)	< 0.005		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Copper, (Dissolved)	< 0.005	*	0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Iron, (Dissolved)	0.12		0.01	0.01	mg/L	1	11/03/15	EK	SW6010C	
Iron	15.4		0.01	0.01	mg/L	1	11/03/15	EK	SW6010C	
Lead (Dissolved)	0.002	*	0.002	0.001	mg/L	1	11/03/15	EK	SW6010C	
Lead	0.016		0.002	0.001	mg/L	1	11/03/15	EK	SW6010C	
Magnesium (Dissolved)	89.4		0.11	0.011	mg/L	10	11/03/15	EK	SW6010C	
Manganese, (Dissolved)	0.471		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Magnesium	102		0.10	0.010	mg/L	10	11/03/15	EK	SW6010C	
Manganese	0.743		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	

Project ID: TIM BAYLY
Client ID: MW-1

Phoenix I.D.: BK17097

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	11/05/15	RS	SW7470A
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	11/04/15	RS	SW7470A
Nickel, (Dissolved)	0.002	B 0.004	0.001	mg/L	1	11/03/15	EK	SW6010C
Nickel	0.016	0.004	0.001	mg/L	1	11/03/15	EK	SW6010C
Potassium (Dissolved)	15.1	0.1	0.1	mg/L	1	11/03/15	EK	SW6010C
Potassium	19.3	0.1	0.1	mg/L	1	11/03/15	EK	SW6010C
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	11/03/15	RS	SW7010
Selenium	< 0.002	0.002	0.001	mg/L	1	11/03/15	RS	SW7010
Silver	< 0.005	0.005	0.001	mg/L	1	11/03/15	EK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	11/03/15	EK	SW6010C
Sodium (Dissolved)	92.1	1.1	1.1	mg/L	10	11/03/15	EK	SW6010C
Sodium	97.3	1.0	1.0	mg/L	10	11/03/15	EK	SW6010C
Thallium , (Dissolved)	< 0.001	0.001	0.001	mg/L	1	11/04/15	RS	SW7010
Thallium - LDL	< 0.001	0.001	0.001	mg/L	1	11/05/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	11/03/15	EK	SW6010C
Vanadium	0.018	0.010	0.001	mg/L	1	11/03/15	EK	SW6010C
Zinc, (Dissolved)	0.002	B 0.011	0.001	mg/L	1	11/03/15	EK	SW6010C
Zinc	0.055	0.010	0.001	mg/L	1	11/03/15	EK	SW6010C
Filtration	Completed					11/02/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					11/05/15	I/I	SW7470A
Mercury Digestion	Completed					11/04/15	I/I	SW7470A
Dissolved Metals Preparation	Completed					11/02/15	AG	
Total Metals Digestion	Completed					11/02/15	AG	SW3050B

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
November 09, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/28/15	14:20
Location Code:	HANSONV	Received by:	LB	11/02/15	16:31
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.45002				

Laboratory Data

SDG ID: GBK17096
Phoenix ID: BK17098

Project ID: TIM BAYLY
Client ID: MW-3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,4-dioxane								
1,4-dioxane	ND	200	100	ug/l	2	11/05/15	HM	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	4.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,1,2-Trichloroethane	ND	4.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,1-Dichloroethane	ND	4.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,1-Dichloroethene	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,2,3-Trichlorobenzene	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/L	2	11/05/15	HM	SW8260C
1,2-Dibromoethane	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,2-Dichlorobenzene	ND	4.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,2-Dichloroethane	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,2-Dichloropropane	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,3-Dichlorobenzene	ND	4.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,4-Dichlorobenzene	ND	4.0	0.50	ug/L	2	11/05/15	HM	SW8260C
2-Hexanone	ND	5.0	5.0	ug/L	2	11/05/15	HM	SW8260C
4-Methyl-2-pentanone	ND	5.0	5.0	ug/L	2	11/05/15	HM	SW8260C
Acetone	ND	10	5.0	ug/L	2	11/05/15	HM	SW8260C
Benzene	ND	1.4	0.50	ug/L	2	11/05/15	HM	SW8260C
Bromochloromethane	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
Bromodichloromethane	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
Bromoform	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
Bromomethane	ND	4.0	0.50	ug/L	2	11/05/15	HM	SW8260C
Carbon Disulfide	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C

Project ID: TIM BAYLY
Client ID: MW-3

Phoenix I.D.: BK17098

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Carbon tetrachloride	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Chlorobenzene	ND	4.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Chloroethane	ND	4.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Chloroform	ND	4.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Chloromethane	ND	4.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
cis-1,2-Dichloroethene	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.80	0.50	ug/L	2	11/05/15	HM	SW8260C	
Cyclohexane	ND	10	1.0	ug/L	2	11/05/15	HM	SW8260C	
Dibromochloromethane	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Dichlorodifluoromethane	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Ethylbenzene	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Isopropylbenzene	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
m&p-Xylene	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Methyl ethyl ketone	ND	10	5.0	ug/L	2	11/05/15	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Methylacetate	ND	5.0	5.0	ug/L	2	11/05/15	HM	SW8260C	
Methylcyclohexane	ND	4.0	1.0	ug/L	2	11/05/15	HM	SW8260C	
Methylene chloride	ND	6.0	2.0	ug/L	2	11/05/15	HM	SW8260C	
o-Xylene	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Styrene	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Tetrachloroethene	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Toluene	ND	4.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Total Xylenes	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
trans-1,2-Dichloroethene	ND	4.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.80	0.50	ug/L	2	11/05/15	HM	SW8260C	
Trichloroethene	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Trichlorofluoromethane	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Trichlorotrifluoroethane	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Vinyl chloride	ND	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97			%	2	11/05/15	HM	70 - 130 %	
% Bromofluorobenzene	99			%	2	11/05/15	HM	70 - 130 %	
% Dibromofluoromethane	98			%	2	11/05/15	HM	70 - 130 %	
% Toluene-d8	100			%	2	11/05/15	HM	70 - 130 %	
Volatile Library Search Top 10	Completed					11/05/15	HM		1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits due to the foamy nature of the sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
November 09, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/29/15	14:00
Location Code:	HANSONV	Received by:	LB	11/02/15	16:31
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.45002				

Laboratory Data

SDG ID: GBK17096
Phoenix ID: BK17099

Project ID: TIM BAYLY
Client ID: MW-4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Extraction for Pest (2 Liter)	Completed					11/02/15	L	SW3510C
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	11/05/15	HM	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1,2-Trichloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1-Dichloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/05/15	HM	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichloroethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,3-Dichlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,4-Dichlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	11/05/15	HM	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/05/15	HM	SW8260C
Acetone	ND	5.0	2.5	ug/L	1	11/05/15	HM	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromoform	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromomethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C

Project ID: TIM BAYLY
Client ID: MW-4

Phoenix I.D.: BK17099

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chlorobenzene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloroethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloroform	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloromethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
cis-1,2-Dichloroethene	0.88	J	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/05/15	HM	SW8260C	
Cyclohexane	ND		5.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Methyl ethyl ketone	ND		5.0	2.5	ug/L	1	11/05/15	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Methylacetate	ND		2.5	2.5	ug/L	1	11/05/15	HM	SW8260C	
Methylcyclohexane	ND		2.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	11/05/15	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Tetrachloroethene	1.1		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Toluene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Total Xylenes	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
trans-1,2-Dichloroethene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	11/05/15	HM	70 - 130 %	
% Bromofluorobenzene	99				%	1	11/05/15	HM	70 - 130 %	
% Dibromofluoromethane	99				%	1	11/05/15	HM	70 - 130 %	
% Toluene-d8	101				%	1	11/05/15	HM	70 - 130 %	
Volatile Library Search Top 10	Completed						11/05/15	HM		1

Semivolatiles

2,4-Dinitrophenol	ND		5.0	0.90	ug/L	1	11/04/15	DD	SW8270D	
2,4-Dinitrotoluene	ND		5.0	2.0	ug/L	1	11/04/15	DD	SW8270D	
2,6-Dinitrotoluene	ND		5.0	1.6	ug/L	1	11/04/15	DD	SW8270D	
2-Chloronaphthalene	ND		5.0	1.4	ug/L	1	11/04/15	DD	SW8270D	
2-Methylnaphthalene	ND		5.0	1.5	ug/L	1	11/04/15	DD	SW8270D	
2-Nitroaniline	ND		5.0	5.0	ug/L	1	11/04/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		5.0	0.90	ug/L	1	11/04/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND		5.0	2.4	ug/L	1	11/04/15	DD	SW8270D	
3-Nitroaniline	ND		5.0	11	ug/L	1	11/04/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		5.0	5.4	ug/L	1	11/04/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		5.0	1.5	ug/L	1	11/04/15	DD	SW8270D	

Project ID: TIM BAYLY
Client ID: MW-4

Phoenix I.D.: BK17099

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Chloroaniline	ND	5.0	2.3	ug/L	1	11/04/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	11/04/15	DD	SW8270D	
4-Nitroaniline	ND	5.0	1.7	ug/L	1	11/04/15	DD	SW8270D	
Acenaphthene	ND	5.0	1.5	ug/L	1	11/04/15	DD	SW8270D	
Acetophenone	ND	5.0	1.6	ug/L	1	11/04/15	DD	SW8270D	
Benzaldehyde	ND	5.0	1.5	ug/L	1	11/04/15	DD	SW8270D	
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/04/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/04/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	11/04/15	DD	SW8270D	
Caprolactam	ND	5.0	8.9	ug/L	1	11/04/15	DD	SW8270D	
Carbazole	ND	5.0	3.8	ug/L	1	11/04/15	DD	SW8270D	
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/04/15	DD	SW8270D	
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/04/15	DD	SW8270D	
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/04/15	DD	SW8270D	
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/04/15	DD	SW8270D	
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/04/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	11/04/15	DD	SW8270D	
Isophorone	ND	5.0	1.4	ug/L	1	11/04/15	DD	SW8270D	
Naphthalene	ND	5.0	1.4	ug/L	1	11/04/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	11/04/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	11/04/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	<10			%	1	11/04/15	DD	15 - 110 %	3
% 2-Fluorobiphenyl	<10			%	1	11/04/15	DD	30 - 130 %	3
% 2-Fluorophenol	<10			%	1	11/04/15	DD	15 - 110 %	3
% Nitrobenzene-d5	<10			%	1	11/04/15	DD	30 - 130 %	3
% Phenol-d5	<10			%	1	11/04/15	DD	15 - 110 %	3
% Terphenyl-d14	<10			%	1	11/04/15	DD	30 - 130 %	3
Semivolatiles									
1,1-Biphenyl	ND	0.50	0.50	ug/L	1	11/04/15	DD	SW8270D (SIM)	
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	11/04/15	DD	SW8270D (SIM)	
2,3,4,6-tetrachlorophenol	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
2,4,5-Trichlorophenol	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
2,4,6-Trichlorophenol	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
2,4-Dichlorophenol	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
2,4-Dimethylphenol	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
2-Chlorophenol	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
2-Methylphenol (o-cresol)	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
2-Nitrophenol	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
4-Chloro-3-methylphenol	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
4-Nitrophenol	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Acenaphthylene	ND	0.30	0.30	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Anthracene	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Atrazine	ND	0.50	0.50	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Benz(a)anthracene	0.10	0.02	0.02	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Benzo(b)fluoranthene	0.03	0.02	0.02	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Benzo(ghi)perylene	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/04/15	DD	SW8270D (SIM)	

Project ID: TIM BAYLY
Client ID: MW-4

Phoenix I.D.: BK17099

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Bis(2-chloroethyl)ether	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Bis(2-ethylhexyl)phthalate	1.1	0.30	0.30	ug/L	1	11/04/15	DD	SW8270D (SIM)	B*
Chrysene	ND	0.02	0.02	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Fluoranthene	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Fluorene	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Hexachlorobutadiene	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Hexachloroethane	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Nitrobenzene	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
N-Nitrosodimethylamine	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Pentachlorophenol	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Phenanthrene	0.13	0.05	0.05	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Phenol	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
Pyrene	ND	0.20	0.20	ug/L	1	11/04/15	DD	SW8270D (SIM)	
SVOA Library Search Top 15	Completed					11/09/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*For Semivolatile analysis: The SV SIM analysis was performed on a fractionated pestacide extract. Only about 150uL of same was available for the analysis. The wrong internal standard was added to the extract for the SIM analysis, the method was adjusted to correct for this. No surrogate values were reported because no SV surrogate was added to the extract. For the scan analysis, the internal standard was out of the acceptable range and there was not enough sampel left for a rerun or a reprep.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
November 09, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/30/15	11:30
Location Code:	HANSONV	Received by:	LB	11/02/15	16:31
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.45002				

Laboratory Data

SDG ID: GBK17096
Phoenix ID: BK17100

Project ID: TIM BAYLY
Client ID: MW-4

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum (Dissolved)	0.48	*	0.11	0.026	mg/L	10	11/03/15	EK	SW6010C
Antimony (Dissolved)	< 0.005		0.005	0.005	mg/L	1	11/03/15	EK	SW6010C
Arsenic (Dissolved)	< 0.004		0.004	0.001	mg/L	1	11/03/15	EK	SW6010C
Barium (Dissolved)	0.402		0.002	0.001	mg/L	1	11/03/15	EK	SW6010C
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C
Calcium (Dissolved)	312		0.11	0.032	mg/L	10	11/03/15	EK	SW6010C
Cadmium (Dissolved)	< 0.001		0.001	0.0005	mg/L	1	11/03/15	EK	SW6010C
Chromium (Dissolved)	< 0.001		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C
Cobalt (Dissolved)	0.005		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C
Copper (Dissolved)	0.002	B*	0.005	0.001	mg/L	1	11/03/15	EK	SW6010C
Iron (Dissolved)	0.020		0.011	0.01	mg/L	1	11/03/15	EK	SW6010C
Lead (Dissolved)	0.002	B*	0.002	0.001	mg/L	1	11/03/15	EK	SW6010C
Magnesium (Dissolved)	102		0.11	0.011	mg/L	10	11/03/15	EK	SW6010C
Manganese (Dissolved)	2.08		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	1	11/05/15	RS	SW7470A
Nickel (Dissolved)	0.006		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C
Potassium (Dissolved)	16.0		0.1	0.1	mg/L	1	11/03/15	EK	SW6010C
Selenium (Dissolved)	< 0.002		0.002	0.002	mg/L	1	11/04/15	RS	E200.9/SM3113B-1
Silver (Dissolved)	0.001		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C
Sodium (Dissolved)	626		11	11	mg/L	100	11/03/15	EK	SW6010C
Thallium (Dissolved)	< 0.002		0.002	0.001	mg/L	1	11/04/15	RS	SW7010
Vanadium (Dissolved)	< 0.002		0.002	0.001	mg/L	1	11/03/15	EK	SW6010C
Zinc (Dissolved)	0.011		0.002	0.001	mg/L	1	11/03/15	EK	SW6010C
Total Cyanide	< 0.01	N	0.01	0.005	mg/L	1	11/02/15	O/GD	SW9010C/SW9012B
Filtration	Completed						11/02/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed						11/05/15	I/I	SW7470A
Dissolved Metals Preparation	Completed						11/02/15	AG	

Project ID: TIM BAYLY
Client ID: MW-4

Phoenix I.D.: BK17100

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Total Cyanide:
This sample was received with a pH<12; pH was adjusted to >12 (EPA requires preservation at time of sampling to a pH of >12.) A sample bias can not be ruled out.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
November 09, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/29/15	11:00
Location Code:	HANSONV	Received by:	LB	11/02/15	16:31
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.45002				

Laboratory Data

SDG ID: GBK17096
Phoenix ID: BK17101

Project ID: TIM BAYLY
Client ID: MW-5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	11/05/15	HM	SW8260C
Volatiles								
1,1,1-Trichloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1,2-Trichloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1-Dichloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/05/15	HM	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichloroethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,3-Dichlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,4-Dichlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	11/05/15	HM	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/05/15	HM	SW8260C
Acetone	ND	5.0	2.5	ug/L	1	11/05/15	HM	SW8260C
Benzene	ND	0.70	0.50	ug/L	1	11/05/15	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromoform	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromomethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C

Project ID: TIM BAYLY
Client ID: MW-5

Phoenix I.D.: BK17101

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chlorobenzene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloroethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloroform	1.2	J	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloromethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
cis-1,2-Dichloroethene	34		10	2.5	ug/L	10	11/05/15	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/05/15	HM	SW8260C	
Cyclohexane	ND		5.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Methyl ethyl ketone	ND		5.0	2.5	ug/L	1	11/05/15	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Methylacetate	ND		2.5	2.5	ug/L	1	11/05/15	HM	SW8260C	
Methylcyclohexane	ND		2.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	11/05/15	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Tetrachloroethene	73		10	2.5	ug/L	10	11/05/15	HM	SW8260C	
Toluene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Total Xylenes	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
trans-1,2-Dichloroethene	3.1		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichloroethene	37		10	2.5	ug/L	10	11/05/15	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Vinyl chloride	2.6		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	98				%	1	11/05/15	HM	70 - 130 %	
% Bromofluorobenzene	99				%	1	11/05/15	HM	70 - 130 %	
% Dibromofluoromethane	101				%	1	11/05/15	HM	70 - 130 %	
% Toluene-d8	98				%	1	11/05/15	HM	70 - 130 %	
Volatile Library Search Top 10	Completed						11/05/15	HM		1

Project ID: TIM BAYLY
Client ID: MW-5

Phoenix I.D.: BK17101

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
November 09, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/28/15	15:30
Location Code:	HANSONV	Received by:	LB	11/02/15	16:31
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.45002				

Laboratory Data

SDG ID: GBK17096
Phoenix ID: BK17102

Project ID: TIM BAYLY
Client ID: MW-6

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,4-dioxane									
1,4-dioxane	ND		100	50	ug/l	1	11/05/15	HM	SW8260C
Volatiles									
1,1,1-Trichloroethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1,2-Trichloroethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1-Dichloroethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	11/05/15	HM	SW8260C
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichlorobenzene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichloroethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,3-Dichlorobenzene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,4-Dichlorobenzene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
2-Hexanone	ND		2.5	2.5	ug/L	1	11/05/15	HM	SW8260C
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	11/05/15	HM	SW8260C
Acetone	ND		5.0	2.5	ug/L	1	11/05/15	HM	SW8260C
Benzene	ND		0.70	0.50	ug/L	1	11/05/15	HM	SW8260C
Bromochloromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromodichloromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromoform	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromomethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Carbon Disulfide	0.40	J	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C

Project ID: TIM BAYLY
Client ID: MW-6

Phoenix I.D.: BK17102

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chlorobenzene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloroethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloroform	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloromethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
cis-1,2-Dichloroethene	1.7		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/05/15	HM	SW8260C	
Cyclohexane	ND		5.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Methyl ethyl ketone	ND		5.0	2.5	ug/L	1	11/05/15	HM	SW8260C	
Methyl t-butyl ether (MTBE)	0.54	J	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Methylacetate	ND		2.5	2.5	ug/L	1	11/05/15	HM	SW8260C	
Methylcyclohexane	ND		2.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	11/05/15	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Tetrachloroethene	0.30	J	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Toluene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Total Xylenes	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
trans-1,2-Dichloroethene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichloroethene	0.47	J	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Vinyl chloride	3.5		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	11/05/15	HM	70 - 130 %	
% Bromofluorobenzene	95				%	1	11/05/15	HM	70 - 130 %	
% Dibromofluoromethane	101				%	1	11/05/15	HM	70 - 130 %	
% Toluene-d8	101				%	1	11/05/15	HM	70 - 130 %	
Volatile Library Search Top 10	Completed						11/06/15	HM		1

Project ID: TIM BAYLY
Client ID: MW-6

Phoenix I.D.: BK17102

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
November 09, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/29/15	17:45
Location Code:	HANSONV	Received by:	LB	11/02/15	16:31
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.45002				

Laboratory Data

SDG ID: GBK17096
Phoenix ID: BK17103

Project ID: TIM BAYLY
Client ID: MW-7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
PCB Extraction (2 Liter)	Completed					11/02/15	L/T	SW3510C	
Extraction for Pest (2 Liter)	Completed					11/02/15	L	SW3510C	
Semi-Volatile Extraction	Completed					11/03/15	E/W/D	SW3520C	
Pesticides									
4,4' -DDD	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
4,4' -DDE	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
4,4' -DDT	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	11/03/15	CE	SW8081B	
a-chlordane	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Alachlor	ND	0.075	0.075	ug/L	1	11/03/15	CE	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	11/03/15	CE	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	11/03/15	CE	SW8081B	
Chlordane	ND	0.10	0.10	ug/L	1	11/03/15	CE	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	11/03/15	CE	SW8081B	
Dieldrin	ND	0.002	0.002	ug/L	1	11/03/15	CE	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endrin	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	11/03/15	CE	SW8081B	
g-chlordane	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Heptachlor	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Methoxychlor	ND	0.10	0.10	ug/L	1	11/03/15	CE	SW8081B	
Toxaphene	ND	0.25	0.25	ug/L	1	11/03/15	CE	SW8081B	

Project ID: TIM BAYLY
Client ID: MW-7

Phoenix I.D.: BK17103

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	16			%	1	11/03/15	CE	SW8081B	
%TCMX (Surrogate Rec)	47			%	1	11/03/15	CE	SW8081B	
Polychlorinated Biphenyls									
PCB-1016	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1221	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1232	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1242	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1248	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1254	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1260	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1262	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1268	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
QA/QC Surrogates									
% DCBP	26			%	1	11/03/15	AW	30 - 150 %	3
% TCMX	56			%	1	11/03/15	AW	30 - 150 %	
1,4-dioxane									
1,4-dioxane	ND	100	50	ug/l	1	11/05/15	HM	SW8260C	
Volatiles									
1,1,1-Trichloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,1,2-Trichloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,1-Dichloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,2-Dichlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,2-Dichloroethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,3-Dichlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,4-Dichlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	11/05/15	HM	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/05/15	HM	SW8260C	
Acetone	ND	5.0	2.5	ug/L	1	11/05/15	HM	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	11/05/15	HM	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Bromoform	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Bromomethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloroform	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloromethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	

Project ID: TIM BAYLY
Client ID: MW-7

Phoenix I.D.: BK17103

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/05/15	HM	SW8260C	
Cyclohexane	ND	5.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	11/05/15	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Methylacetate	ND	2.5	2.5	ug/L	1	11/05/15	HM	SW8260C	
Methylcyclohexane	ND	2.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	11/05/15	HM	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Toluene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Total Xylenes	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
trans-1,2-Dichloroethene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	11/05/15	HM	70 - 130 %	
% Bromofluorobenzene	99			%	1	11/05/15	HM	70 - 130 %	
% Dibromofluoromethane	98			%	1	11/05/15	HM	70 - 130 %	
% Toluene-d8	102			%	1	11/05/15	HM	70 - 130 %	
Volatile Library Search Top 10	Completed					11/05/15	HM		1

Semivolatiles

2,4-Dinitrophenol	ND	5.0	0.90	ug/L	1	11/06/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	11/06/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
2-Nitroaniline	ND	5.0	5.0	ug/L	1	11/06/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	5.0	0.90	ug/L	1	11/06/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	11/06/15	DD	SW8270D	
3-Nitroaniline	ND	5.0	11	ug/L	1	11/06/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	5.0	5.4	ug/L	1	11/06/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
4-Chloroaniline	ND	5.0	2.3	ug/L	1	11/06/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	11/06/15	DD	SW8270D	
4-Nitroaniline	ND	5.0	1.7	ug/L	1	11/06/15	DD	SW8270D	
Acenaphthene	ND	5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
Acetophenone	ND	5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	
Benzaldehyde	ND	5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	

Project ID: TIM BAYLY
Client ID: MW-7

Phoenix I.D.: BK17103

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/06/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
Caprolactam	ND	5.0	8.9	ug/L	1	11/06/15	DD	SW8270D	
Carbazole	ND	5.0	3.8	ug/L	1	11/06/15	DD	SW8270D	
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/06/15	DD	SW8270D	
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/06/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
Isophorone	ND	5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
Naphthalene	ND	5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	11/06/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	84			%	1	11/06/15	DD	15 - 110 %	
% 2-Fluorobiphenyl	75			%	1	11/06/15	DD	30 - 130 %	
% 2-Fluorophenol	57			%	1	11/06/15	DD	15 - 110 %	
% Nitrobenzene-d5	68			%	1	11/06/15	DD	30 - 130 %	
% Phenol-d5	70			%	1	11/06/15	DD	15 - 110 %	
% Terphenyl-d14	59			%	1	11/06/15	DD	30 - 130 %	
Semivolatiles									
1,1-Biphenyl	ND	0.50	0.50	ug/L	1	11/05/15	DD	SW8270D (SIM)	
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,3,4,6-tetrachlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,4,5-Trichlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,4,6-Trichlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,4-Dichlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,4-Dimethylphenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2-Chlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2-Methylphenol (o-cresol)	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2-Nitrophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
4-Chloro-3-methylphenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
4-Nitrophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Acenaphthylene	ND	0.30	0.30	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Anthracene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Atrazine	ND	0.50	0.50	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benzo(ghi)perylene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Bis(2-chloroethyl)ether	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Bis(2-ethylhexyl)phthalate	ND	0.30	0.30	ug/L	1	11/05/15	DD	SW8270D (SIM)	B
Chrysene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Fluoranthene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Fluorene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	

Project ID: TIM BAYLY
Client ID: MW-7

Phoenix I.D.: BK17103

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.05	0.05	ug/L	1	11/05/15	DD	SW8270D (SIM)
Phenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)
Pyrene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)
QA/QC Surrogates								
% 2,4,6-Tribromophenol	109			%	1	11/05/15	DD	15 - 110 %
% 2-Fluorobiphenyl	77			%	1	11/05/15	DD	30 - 130 %
% 2-Fluorophenol	63			%	1	11/05/15	DD	15 - 110 %
% Nitrobenzene-d5	80			%	1	11/05/15	DD	30 - 130 %
% Phenol-d5	76			%	1	11/05/15	DD	15 - 110 %
% Terphenyl-d14	53			%	1	11/05/15	DD	30 - 130 %
SVOA Library Search Top 15	Completed					11/06/15	DD	

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

PCB Comment:
Poor surrogate recovery was observed for PCBs. Insufficient sample for re-extraction.

Pesticide Comment:
Poor surrogate recovery was observed. Insufficient sample for re-extraction.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
November 09, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/30/15	12:50
Location Code:	HANSONV	Received by:	LB	11/02/15	16:31
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.45002				

Laboratory Data

SDG ID: GBK17096
Phoenix ID: BK17104

Project ID: TIM BAYLY
Client ID: MW-7

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Aluminum	9.80		0.010	0.0024	mg/L	1	11/03/15	EK	SW6010C	
Aluminum (Dissolved)	0.091	*	0.011	0.0026	mg/L	1	11/03/15	EK	SW6010C	
Antimony, (Dissolved)	< 0.003		0.003	0.003	mg/L	1	11/03/15	RS	SW7010	
Antimony	< 0.002		0.002	0.002	mg/L	1	11/03/15	RS	SW7010	
Arsenic - LDL	0.007		0.004	0.001	mg/L	1	11/03/15	EK	SW6010C	
Arsenic, (Dissolved)	0.001	B	0.003	0.001	mg/L	1	11/03/15	EK	SW6010C	
Barium	0.220		0.010	0.001	mg/L	1	11/03/15	EK	SW6010C	
Barium (Dissolved)	0.071		0.011	0.001	mg/L	1	11/03/15	EK	SW6010C	
Beryllium	< 0.001		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C	
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C	
Calcium	65.6		0.10	0.030	mg/L	10	11/03/15	EK	SW6010C	B
Cadmium	< 0.004		0.004	0.0005	mg/L	1	11/03/15	EK	SW6010C	
Calcium (Dissolved)	61.9		0.01	0.003	mg/L	1	11/03/15	EK	SW6010C	
Cadmium (Dissolved)	< 0.004		0.004	0.0005	mg/L	1	11/03/15	EK	SW6010C	
Chromium	0.010		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C	
Chromium (Dissolved)	< 0.001		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C	
Cobalt	0.003	B	0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Copper	0.011		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Cobalt, (Dissolved)	< 0.005		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Copper, (Dissolved)	0.003	B*	0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Iron, (Dissolved)	< 0.01		0.01	0.01	mg/L	1	11/03/15	EK	SW6010C	
Iron	5.46		0.01	0.01	mg/L	1	11/03/15	EK	SW6010C	
Lead (Dissolved)	< 0.002	*	0.002	0.001	mg/L	1	11/03/15	EK	SW6010C	
Lead	0.024		0.002	0.001	mg/L	1	11/03/15	EK	SW6010C	
Magnesium (Dissolved)	146		0.11	0.011	mg/L	10	11/03/15	EK	SW6010C	
Manganese, (Dissolved)	0.077		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Magnesium	165		0.10	0.010	mg/L	10	11/03/15	EK	SW6010C	
Manganese	0.218		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	

Project ID: TIM BAYLY
Client ID: MW-7

Phoenix I.D.: BK17104

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	1	11/05/15	RS	SW7470A
Mercury	< 0.0002		0.0002	0.00015	mg/L	1	11/04/15	RS	SW7470A
Nickel, (Dissolved)	< 0.004		0.004	0.001	mg/L	1	11/03/15	EK	SW6010C
Nickel	0.006		0.004	0.001	mg/L	1	11/03/15	EK	SW6010C
Potassium (Dissolved)	7.6		0.1	0.1	mg/L	1	11/03/15	EK	SW6010C
Potassium	7.9		0.1	0.1	mg/L	1	11/03/15	EK	SW6010C
Selenium, (Dissolved)	< 0.004		0.004	0.002	mg/L	1	11/03/15	RS	SW7010
Selenium	< 0.002		0.002	0.001	mg/L	1	11/03/15	RS	SW7010
Silver	0.002	B	0.005	0.001	mg/L	1	11/03/15	EK	SW6010C
Silver (Dissolved)	0.002	B	0.005	0.001	mg/L	1	11/03/15	EK	SW6010C
Sodium (Dissolved)	97.8		1.1	1.1	mg/L	10	11/03/15	EK	SW6010C
Sodium	101		1.0	1.0	mg/L	10	11/03/15	EK	SW6010C
Thallium , (Dissolved)	< 0.001		0.001	0.001	mg/L	1	11/04/15	RS	SW7010
Thallium - LDL	< 0.001		0.001	0.001	mg/L	1	11/05/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011		0.011	0.001	mg/L	1	11/03/15	EK	SW6010C
Vanadium	0.010	B	0.010	0.001	mg/L	1	11/03/15	EK	SW6010C
Zinc, (Dissolved)	0.005	B	0.011	0.001	mg/L	1	11/03/15	EK	SW6010C
Zinc	0.034		0.010	0.001	mg/L	1	11/03/15	EK	SW6010C
Filtration	Completed						11/02/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed						11/05/15	I/I	SW7470A
Mercury Digestion	Completed						11/04/15	I/I	SW7470A
Dissolved Metals Preparation	Completed						11/02/15	AG	
Total Metals Digestion	Completed						11/02/15	AG	SW3050B

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
November 09, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/29/15	12:30
Location Code:	HANSONV	Received by:	LB	11/02/15	16:31
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.45002				

Laboratory Data

SDG ID: GBK17096
Phoenix ID: BK17105

Project ID: TIM BAYLY
Client ID: MW-8

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Aluminum	57.4	N	0.10	0.024	mg/L	10	11/03/15	EK	SW6010C	
Aluminum (Dissolved)	< 0.011	*	0.011	0.0026	mg/L	1	11/03/15	EK	SW6010C	
Antimony, (Dissolved)	0.003	B	0.003	0.003	mg/L	1	11/03/15	RS	SW7010	
Antimony	< 0.002		0.002	0.002	mg/L	1	11/03/15	RS	SW7010	
Arsenic - LDL	0.020		0.004	0.001	mg/L	1	11/03/15	EK	SW6010C	
Arsenic, (Dissolved)	< 0.003		0.003	0.001	mg/L	1	11/03/15	EK	SW6010C	
Barium	0.694		0.010	0.001	mg/L	1	11/03/15	EK	SW6010C	
Barium (Dissolved)	0.201		0.011	0.001	mg/L	1	11/03/15	EK	SW6010C	
Beryllium	0.001		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C	
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C	
Calcium	150		0.10	0.030	mg/L	10	11/03/15	EK	SW6010C	B
Cadmium	0.003	B	0.004	0.0005	mg/L	1	11/03/15	EK	SW6010C	
Calcium (Dissolved)	111		0.01	0.003	mg/L	1	11/03/15	EK	SW6010C	
Cadmium (Dissolved)	< 0.004		0.004	0.0005	mg/L	1	11/03/15	EK	SW6010C	
Chromium	0.161		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C	
Chromium (Dissolved)	< 0.001		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C	
Cobalt	0.017		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Copper	0.081		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Cobalt, (Dissolved)	< 0.005		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Copper, (Dissolved)	0.002	B*	0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Iron, (Dissolved)	< 0.01		0.01	0.01	mg/L	1	11/03/15	EK	SW6010C	
Iron	58.0		0.01	0.01	mg/L	1	11/03/15	EK	SW6010C	
Lead (Dissolved)	< 0.002	*	0.002	0.001	mg/L	1	11/03/15	EK	SW6010C	
Lead	0.071		0.002	0.001	mg/L	1	11/03/15	EK	SW6010C	
Magnesium (Dissolved)	82.7		0.11	0.011	mg/L	10	11/03/15	EK	SW6010C	
Manganese, (Dissolved)	0.487		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Magnesium	93.6		0.10	0.010	mg/L	10	11/03/15	EK	SW6010C	
Manganese	1.54		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	

Project ID: TIM BAYLY
Client ID: MW-8

Phoenix I.D.: BK17105

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	11/05/15	RS	SW7470A	
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	11/04/15	RS	SW7470A	
Nickel, (Dissolved)	< 0.004	0.004	0.001	mg/L	1	11/03/15	EK	SW6010C	
Nickel	0.055	0.004	0.001	mg/L	1	11/03/15	EK	SW6010C	
Potassium (Dissolved)	7.7	0.1	0.1	mg/L	1	11/03/15	EK	SW6010C	
Potassium	19.5	0.1	0.1	mg/L	1	11/03/15	EK	SW6010C	
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	11/03/15	RS	SW7010	
Selenium	< 0.002	0.002	0.001	mg/L	1	11/04/15	RS	SW7010	
Silver	0.004	B 0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Silver (Dissolved)	0.002	B 0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Sodium (Dissolved)	722	11	11	mg/L	100	11/03/15	EK	SW6010C	
Sodium	766	10	10	mg/L	100	11/03/15	EK	SW6010C	
Thallium , (Dissolved)	< 0.001	0.001	0.001	mg/L	1	11/04/15	RS	SW7010	
Thallium - LDL	< 0.001	0.001	0.001	mg/L	1	11/05/15	RS	SW7010	
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	11/03/15	EK	SW6010C	
Vanadium	0.081	0.010	0.001	mg/L	1	11/03/15	EK	SW6010C	
Zinc, (Dissolved)	0.005	B 0.011	0.001	mg/L	1	11/03/15	EK	SW6010C	
Zinc	0.136	0.010	0.001	mg/L	1	11/03/15	EK	SW6010C	
Filtration	Completed					11/02/15	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed					11/05/15	I/I	SW7470A	
Mercury Digestion	Completed					11/04/15	I/I	SW7470A	
PCB Extraction (2 Liter)	Completed					11/02/15	L/T	SW3510C	
Extraction for Pest (2 Liter)	Completed					11/02/15	L	SW3510C	
Semi-Volatile Extraction	Completed					11/03/15	E/W/D	SW3520C	
Dissolved Metals Preparation	Completed					11/02/15	AG		
Total Metals Digestion	Completed					11/02/15	AG	SW3050B	
Pesticides									
4,4' -DDD	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
4,4' -DDE	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
4,4' -DDT	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	11/03/15	CE	SW8081B	
a-chlordane	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Alachlor	ND	0.075	0.075	ug/L	1	11/03/15	CE	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	11/03/15	CE	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	11/03/15	CE	SW8081B	
Chlordane	ND	0.10	0.10	ug/L	1	11/03/15	CE	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	11/03/15	CE	SW8081B	
Dieldrin	ND	0.002	0.002	ug/L	1	11/03/15	CE	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endrin	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	11/03/15	CE	SW8081B	
g-chlordane	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Heptachlor	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Methoxychlor	ND	0.10	0.10	ug/L	1	11/03/15	CE	SW8081B	

Project ID: TIM BAYLY
Client ID: MW-8

Phoenix I.D.: BK17105

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Toxaphene	ND		0.25	0.25	ug/L	1	11/03/15	CE	SW8081B	
QA/QC Surrogates										
%DCBP (Surrogate Rec)	18				%	1	11/03/15	CE	SW8081B	
%TCMX (Surrogate Rec)	40				%	1	11/03/15	CE	SW8081B	
Polychlorinated Biphenyls										
PCB-1016	ND		0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1221	ND		0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1232	ND		0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1242	ND		0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1248	ND		0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1254	ND		0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1260	ND		0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1262	ND		0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1268	ND		0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
QA/QC Surrogates										
% DCBP	20				%	1	11/03/15	AW	30 - 150 %	3
% TCMX	40				%	1	11/03/15	AW	30 - 150 %	
1,4-dioxane										
1,4-dioxane	ND		100	50	ug/l	1	11/05/15	HM	SW8260C	
Volatiles										
1,1,1-Trichloroethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,1,2-Trichloroethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,1-Dichloroethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,2-Dichlorobenzene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,2-Dichloroethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,3-Dichlorobenzene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,4-Dichlorobenzene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	11/05/15	HM	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	11/05/15	HM	SW8260C	
Acetone	ND		5.0	2.5	ug/L	1	11/05/15	HM	SW8260C	
Benzene	ND		0.70	0.50	ug/L	1	11/05/15	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Bromoform	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Bromomethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chlorobenzene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloroethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloroform	0.28	J	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	

Project ID: TIM BAYLY
Client ID: MW-8

Phoenix I.D.: BK17105

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Chloromethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
cis-1,2-Dichloroethene	210	E	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/05/15	HM	SW8260C	
Cyclohexane	ND		5.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Methyl ethyl ketone	ND		5.0	2.5	ug/L	1	11/05/15	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Methylacetate	ND		2.5	2.5	ug/L	1	11/05/15	HM	SW8260C	
Methylcyclohexane	ND		2.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	11/05/15	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Tetrachloroethene	9.0		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Toluene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Total Xylenes	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
trans-1,2-Dichloroethene	2.3		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichloroethene	34	E	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Vinyl chloride	0.44	J	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	11/05/15	HM	70 - 130 %	
% Bromofluorobenzene	100				%	1	11/05/15	HM	70 - 130 %	
% Dibromofluoromethane	102				%	1	11/05/15	HM	70 - 130 %	
% Toluene-d8	99				%	1	11/05/15	HM	70 - 130 %	
Volatile Library Search Top 10	Completed						11/09/15	HM		1

Semivolatiles

2,4-Dinitrophenol	ND		5.0	0.90	ug/L	1	11/06/15	DD	SW8270D	
2,4-Dinitrotoluene	ND		5.0	2.0	ug/L	1	11/06/15	DD	SW8270D	
2,6-Dinitrotoluene	ND		5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	
2-Chloronaphthalene	ND		5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
2-Methylnaphthalene	ND		5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
2-Nitroaniline	ND		5.0	5.0	ug/L	1	11/06/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		5.0	0.90	ug/L	1	11/06/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND		5.0	2.4	ug/L	1	11/06/15	DD	SW8270D	
3-Nitroaniline	ND		5.0	11	ug/L	1	11/06/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		5.0	5.4	ug/L	1	11/06/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
4-Chloroaniline	ND		5.0	2.3	ug/L	1	11/06/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		5.0	1.7	ug/L	1	11/06/15	DD	SW8270D	
4-Nitroaniline	ND		5.0	1.7	ug/L	1	11/06/15	DD	SW8270D	
Acenaphthene	ND		5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
Acetophenone	ND		5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	

Project ID: TIM BAYLY
Client ID: MW-8

Phoenix I.D.: BK17105

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzaldehyde	ND	5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/06/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
Caprolactam	ND	5.0	8.9	ug/L	1	11/06/15	DD	SW8270D	
Carbazole	ND	5.0	3.8	ug/L	1	11/06/15	DD	SW8270D	
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/06/15	DD	SW8270D	
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/06/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
Isophorone	ND	5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
Naphthalene	ND	5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	11/06/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	73			%	1	11/06/15	DD	15 - 110 %	
% 2-Fluorobiphenyl	66			%	1	11/06/15	DD	30 - 130 %	
% 2-Fluorophenol	45			%	1	11/06/15	DD	15 - 110 %	
% Nitrobenzene-d5	64			%	1	11/06/15	DD	30 - 130 %	
% Phenol-d5	42			%	1	11/06/15	DD	15 - 110 %	
% Terphenyl-d14	83			%	1	11/06/15	DD	30 - 130 %	
Semivolatiles									
1,1-Biphenyl	ND	0.50	0.50	ug/L	1	11/05/15	DD	SW8270D (SIM)	
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,3,4,6-tetrachlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,4,5-Trichlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,4,6-Trichlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,4-Dichlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,4-Dimethylphenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2-Chlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2-Methylphenol (o-cresol)	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2-Nitrophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
4-Chloro-3-methylphenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
4-Nitrophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Acenaphthylene	ND	0.30	0.30	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Anthracene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Atrazine	ND	0.50	0.50	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benzo(ghi)perylene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Bis(2-chloroethyl)ether	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Bis(2-ethylhexyl)phthalate	1.2	0.30	0.30	ug/L	1	11/05/15	DD	SW8270D (SIM)	B
Chrysene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Fluoranthene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	

Project ID: TIM BAYLY
Client ID: MW-8

Phoenix I.D.: BK17105

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Fluorene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)
Hexachlorobenzene	0.06	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.05	0.05	ug/L	1	11/05/15	DD	SW8270D (SIM)
Phenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)
Pyrene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)
QA/QC Surrogates								
% 2,4,6-Tribromophenol	108			%	1	11/05/15	DD	15 - 110 %
% 2-Fluorobiphenyl	73			%	1	11/05/15	DD	30 - 130 %
% 2-Fluorophenol	50			%	1	11/05/15	DD	15 - 110 %
% Nitrobenzene-d5	87			%	1	11/05/15	DD	30 - 130 %
% Phenol-d5	50			%	1	11/05/15	DD	15 - 110 %
% Terphenyl-d14	77			%	1	11/05/15	DD	30 - 130 %
SVOA Library Search Top 15	Completed					11/06/15	DD	

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

PCB Comment:
Poor surrogate recovery was observed for PCBs. Insufficient sample for re-extraction.

Pesticide Comment:
Poor surrogate recovery was observed. Insufficient sample for re-extraction.

Volatile Comment:
E = Estimated value. Sample result was above the calibration range. Subsequent dilution did not correlate well with original analysis results. The higher results are reported.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
November 09, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/29/15	7:00
Location Code:	HANSONV	Received by:	LB	11/02/15	16:31
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.45002				

Laboratory Data

SDG ID: GBK17096
Phoenix ID: BK17106

Project ID: TIM BAYLY
Client ID: MW-12

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Aluminum	52.6	N	0.10	0.024	mg/L	10	11/03/15	EK	SW6010C	
Aluminum (Dissolved)	< 0.011	*	0.011	0.0026	mg/L	1	11/03/15	EK	SW6010C	
Antimony, (Dissolved)	0.004		0.003	0.003	mg/L	1	11/03/15	RS	SW7010	
Antimony	< 0.002		0.002	0.002	mg/L	1	11/03/15	RS	SW7010	
Arsenic - LDL	0.015		0.004	0.001	mg/L	1	11/03/15	EK	SW6010C	
Arsenic, (Dissolved)	0.001	B	0.003	0.001	mg/L	1	11/03/15	EK	SW6010C	
Barium	0.620		0.010	0.001	mg/L	1	11/03/15	EK	SW6010C	
Barium (Dissolved)	0.195		0.011	0.001	mg/L	1	11/03/15	EK	SW6010C	
Beryllium	< 0.001		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C	
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C	
Calcium	136		0.10	0.030	mg/L	10	11/03/15	EK	SW6010C	B
Cadmium	0.002	B	0.004	0.0005	mg/L	1	11/03/15	EK	SW6010C	
Calcium (Dissolved)	109		0.01	0.003	mg/L	1	11/03/15	EK	SW6010C	
Cadmium (Dissolved)	< 0.004		0.004	0.0005	mg/L	1	11/03/15	EK	SW6010C	
Chromium	0.137		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C	
Chromium (Dissolved)	< 0.001		0.001	0.001	mg/L	1	11/03/15	EK	SW6010C	
Cobalt	0.013		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Copper	0.066		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Cobalt, (Dissolved)	< 0.005		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Copper, (Dissolved)	0.003	B*	0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Iron, (Dissolved)	< 0.01		0.01	0.01	mg/L	1	11/03/15	EK	SW6010C	
Iron	47.0		0.01	0.01	mg/L	1	11/03/15	EK	SW6010C	
Lead (Dissolved)	< 0.002	*	0.002	0.001	mg/L	1	11/03/15	EK	SW6010C	
Lead	0.060		0.002	0.001	mg/L	1	11/03/15	EK	SW6010C	
Magnesium (Dissolved)	80.5		0.11	0.011	mg/L	10	11/03/15	EK	SW6010C	
Manganese, (Dissolved)	0.479		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Magnesium	85.3		0.10	0.010	mg/L	10	11/03/15	EK	SW6010C	
Manganese	1.32		0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	

Project ID: TIM BAYLY
Client ID: MW-12

Phoenix I.D.: BK17106

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	11/05/15	RS	SW7470A	
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	11/04/15	RS	SW7470A	
Nickel, (Dissolved)	< 0.004	0.004	0.001	mg/L	1	11/03/15	EK	SW6010C	
Nickel	0.045	0.004	0.001	mg/L	1	11/03/15	EK	SW6010C	
Potassium (Dissolved)	7.6	0.1	0.1	mg/L	1	11/03/15	EK	SW6010C	
Potassium	18.1	0.1	0.1	mg/L	1	11/03/15	EK	SW6010C	
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	11/03/15	RS	SW7010	
Selenium	< 0.002	0.002	0.001	mg/L	1	11/04/15	RS	SW7010	
Silver	0.003	B 0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Silver (Dissolved)	0.003	B 0.005	0.001	mg/L	1	11/03/15	EK	SW6010C	
Sodium (Dissolved)	690	11	11	mg/L	100	11/03/15	EK	SW6010C	
Sodium	743	10	10	mg/L	100	11/03/15	EK	SW6010C	
Thallium , (Dissolved)	< 0.001	0.001	0.001	mg/L	1	11/04/15	RS	SW7010	
Thallium - LDL	< 0.001	0.001	0.001	mg/L	1	11/05/15	RS	SW7010	
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	11/03/15	EK	SW6010C	
Vanadium	0.069	0.010	0.001	mg/L	1	11/03/15	EK	SW6010C	
Zinc, (Dissolved)	0.004	B 0.011	0.001	mg/L	1	11/03/15	EK	SW6010C	
Zinc	0.108	0.010	0.001	mg/L	1	11/03/15	EK	SW6010C	
Filtration	Completed					11/02/15	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed					11/05/15	I/I	SW7470A	
Mercury Digestion	Completed					11/04/15	I/I	SW7470A	
PCB Extraction (2 Liter)	Completed					11/02/15	L/T	SW3510C	
Extraction for Pest (2 Liter)	Completed					11/02/15	L	SW3510C	
Semi-Volatile Extraction	Completed					11/03/15	E/W/D	SW3520C	
Dissolved Metals Preparation	Completed					11/02/15	AG		
Total Metals Digestion	Completed					11/02/15	AG	SW3050B	
Pesticides									
4,4' -DDD	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
4,4' -DDE	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
4,4' -DDT	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	11/03/15	CE	SW8081B	
a-chlordane	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Alachlor	ND	0.075	0.075	ug/L	1	11/03/15	CE	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	11/03/15	CE	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	11/03/15	CE	SW8081B	
Chlordane	ND	0.10	0.10	ug/L	1	11/03/15	CE	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	11/03/15	CE	SW8081B	
Dieldrin	ND	0.002	0.002	ug/L	1	11/03/15	CE	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endrin	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	11/03/15	CE	SW8081B	
g-chlordane	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Heptachlor	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/03/15	CE	SW8081B	
Methoxychlor	ND	0.10	0.10	ug/L	1	11/03/15	CE	SW8081B	

Project ID: TIM BAYLY
Client ID: MW-12

Phoenix I.D.: BK17106

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Toxaphene	ND	0.25	0.25	ug/L	1	11/03/15	CE	SW8081B	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	21			%	1	11/03/15	CE	SW8081B	
%TCMX (Surrogate Rec)	53			%	1	11/03/15	CE	SW8081B	
Polychlorinated Biphenyls									
PCB-1016	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1221	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1232	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1242	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1248	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1254	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1260	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1262	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
PCB-1268	ND	0.050	0.050	ug/L	1	11/03/15	AW	E608/SW8082A	
QA/QC Surrogates									
% DCBP	27			%	1	11/03/15	AW	30 - 150 %	3
% TCMX	64			%	1	11/03/15	AW	30 - 150 %	
1,4-dioxane									
1,4-dioxane	ND	100	50	ug/l	1	11/05/15	HM	SW8260C	
Volatiles									
1,1,1-Trichloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,1,2-Trichloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,1-Dichloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,2-Dichlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,2-Dichloroethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,3-Dichlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
1,4-Dichlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	11/05/15	HM	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/05/15	HM	SW8260C	
Acetone	ND	5.0	2.5	ug/L	1	11/05/15	HM	SW8260C	
Benzene	ND	0.70	0.50	ug/L	1	11/05/15	HM	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Bromoform	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Bromomethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloroform	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	

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Phoenix I.D.: BK17106

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Chloromethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
cis-1,2-Dichloroethene	140		10	2.5	ug/L	10	11/05/15	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/05/15	HM	SW8260C	
Cyclohexane	ND		5.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Methyl ethyl ketone	ND		5.0	2.5	ug/L	1	11/05/15	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Methylacetate	ND		2.5	2.5	ug/L	1	11/05/15	HM	SW8260C	
Methylcyclohexane	ND		2.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	11/05/15	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Tetrachloroethene	8.0		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Toluene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Total Xylenes	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
trans-1,2-Dichloroethene	2.0		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichloroethene	26		10	2.5	ug/L	10	11/05/15	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Vinyl chloride	0.38	J	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	98				%	1	11/05/15	HM	70 - 130 %	
% Bromofluorobenzene	97				%	1	11/05/15	HM	70 - 130 %	
% Dibromofluoromethane	100				%	1	11/05/15	HM	70 - 130 %	
% Toluene-d8	100				%	1	11/05/15	HM	70 - 130 %	
Volatile Library Search Top 10	Completed						11/05/15	HM		1
Semivolatiles										
2,4-Dinitrophenol	ND		5.0	0.90	ug/L	1	11/06/15	DD	SW8270D	
2,4-Dinitrotoluene	ND		5.0	2.0	ug/L	1	11/06/15	DD	SW8270D	
2,6-Dinitrotoluene	ND		5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	
2-Chloronaphthalene	ND		5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
2-Methylnaphthalene	ND		5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
2-Nitroaniline	ND		5.0	5.0	ug/L	1	11/06/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		5.0	0.90	ug/L	1	11/06/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND		5.0	2.4	ug/L	1	11/06/15	DD	SW8270D	
3-Nitroaniline	ND		5.0	11	ug/L	1	11/06/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		5.0	5.4	ug/L	1	11/06/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
4-Chloroaniline	ND		5.0	2.3	ug/L	1	11/06/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		5.0	1.7	ug/L	1	11/06/15	DD	SW8270D	
4-Nitroaniline	ND		5.0	1.7	ug/L	1	11/06/15	DD	SW8270D	
Acenaphthene	ND		5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
Acetophenone	ND		5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzaldehyde	ND	5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/06/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
Caprolactam	ND	5.0	8.9	ug/L	1	11/06/15	DD	SW8270D	
Carbazole	ND	5.0	3.8	ug/L	1	11/06/15	DD	SW8270D	
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/06/15	DD	SW8270D	
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/06/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	11/06/15	DD	SW8270D	
Isophorone	ND	5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
Naphthalene	ND	5.0	1.4	ug/L	1	11/06/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	11/06/15	DD	SW8270D	
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	11/06/15	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	74			%	1	11/06/15	DD	15 - 110 %	
% 2-Fluorobiphenyl	79			%	1	11/06/15	DD	30 - 130 %	
% 2-Fluorophenol	68			%	1	11/06/15	DD	15 - 110 %	
% Nitrobenzene-d5	69			%	1	11/06/15	DD	30 - 130 %	
% Phenol-d5	75			%	1	11/06/15	DD	15 - 110 %	
% Terphenyl-d14	91			%	1	11/06/15	DD	30 - 130 %	
Semivolatiles									
1,1-Biphenyl	ND	0.50	0.50	ug/L	1	11/05/15	DD	SW8270D (SIM)	
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,3,4,6-tetrachlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,4,5-Trichlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,4,6-Trichlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,4-Dichlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2,4-Dimethylphenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2-Chlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2-Methylphenol (o-cresol)	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
2-Nitrophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
4-Chloro-3-methylphenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
4-Nitrophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Acenaphthylene	ND	0.30	0.30	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Anthracene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Atrazine	ND	0.50	0.50	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benzo(ghi)perylene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Bis(2-chloroethyl)ether	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Bis(2-ethylhexyl)phthalate	0.42	0.30	0.30	ug/L	1	11/05/15	DD	SW8270D (SIM)	B*
Chrysene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Fluoranthene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	

Project ID: TIM BAYLY
Client ID: MW-12

Phoenix I.D.: BK17106

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Fluorene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Hexachlorobutadiene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Hexachloroethane	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Nitrobenzene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
N-Nitrosodimethylamine	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Pentachlorophenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Phenanthrene	ND	0.05	0.05	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Phenol	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
Pyrene	ND	0.20	0.20	ug/L	1	11/05/15	DD	SW8270D (SIM)	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	114			%	1	11/05/15	DD	15 - 110 %	3
% 2-Fluorobiphenyl	80			%	1	11/05/15	DD	30 - 130 %	
% 2-Fluorophenol	72			%	1	11/05/15	DD	15 - 110 %	
% Nitrobenzene-d5	100			%	1	11/05/15	DD	30 - 130 %	
% Phenol-d5	83			%	1	11/05/15	DD	15 - 110 %	
% Terphenyl-d14	84			%	1	11/05/15	DD	30 - 130 %	
SVOA Library Search Top 15	Completed					11/06/15	DD		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.
B* = Present in blank, a bias is possible.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

PCB Comment:
Poor surrogate recovery was observed for PCBs. Insufficient sample for re-extraction.

Pesticide Comment:
Poor surrogate recovery was observed. Insufficient sample for re-extraction.

Semi-Volatile Comment:
One of the surrogate recoveries was above the upper range due to sample matrix interference. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
November 09, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/30/15	11:32
Location Code:	HANSONV	Received by:	LB	11/02/15	16:31
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.45002				

Laboratory Data

SDG ID: GBK17096
Phoenix ID: BK17107

Project ID: TIM BAYLY
Client ID: MW-9

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,4-dioxane									
1,4-dioxane	ND		200	100	ug/l	2	11/05/15	HM	SW8260C
Volatiles									
1,1,1-Trichloroethane	ND		4.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,1,2-Trichloroethane	ND		4.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,1-Dichloroethane	ND		4.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,1-Dichloroethene	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,2,3-Trichlorobenzene	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND		2.0	1.0	ug/L	2	11/05/15	HM	SW8260C
1,2-Dibromoethane	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,2-Dichlorobenzene	ND		4.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,2-Dichloroethane	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,2-Dichloropropane	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,3-Dichlorobenzene	ND		4.0	0.50	ug/L	2	11/05/15	HM	SW8260C
1,4-Dichlorobenzene	ND		4.0	0.50	ug/L	2	11/05/15	HM	SW8260C
2-Hexanone	ND		5.0	5.0	ug/L	2	11/05/15	HM	SW8260C
4-Methyl-2-pentanone	ND		5.0	5.0	ug/L	2	11/05/15	HM	SW8260C
Acetone	ND		10	5.0	ug/L	2	11/05/15	HM	SW8260C
Benzene	0.61	J	1.4	0.50	ug/L	2	11/05/15	HM	SW8260C
Bromochloromethane	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
Bromodichloromethane	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
Bromoform	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C
Bromomethane	ND		4.0	0.50	ug/L	2	11/05/15	HM	SW8260C
Carbon Disulfide	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C

Project ID: TIM BAYLY
Client ID: MW-9

Phoenix I.D.: BK17107

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Carbon tetrachloride	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Chlorobenzene	ND		4.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Chloroethane	ND		4.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Chloroform	ND		4.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Chloromethane	ND		4.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
cis-1,2-Dichloroethene	14		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.80	0.50	ug/L	2	11/05/15	HM	SW8260C	
Cyclohexane	ND		10	1.0	ug/L	2	11/05/15	HM	SW8260C	
Dibromochloromethane	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Dichlorodifluoromethane	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Ethylbenzene	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Isopropylbenzene	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
m&p-Xylene	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Methyl ethyl ketone	ND		10	5.0	ug/L	2	11/05/15	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Methylacetate	ND		5.0	5.0	ug/L	2	11/05/15	HM	SW8260C	
Methylcyclohexane	ND		4.0	1.0	ug/L	2	11/05/15	HM	SW8260C	
Methylene chloride	ND		6.0	2.0	ug/L	2	11/05/15	HM	SW8260C	
o-Xylene	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Styrene	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Tetrachloroethene	200		20	5.0	ug/L	20	11/05/15	HM	SW8260C	
Toluene	ND		4.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Total Xylenes	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
trans-1,2-Dichloroethene	ND		4.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.80	0.50	ug/L	2	11/05/15	HM	SW8260C	
Trichloroethene	16		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Trichlorofluoromethane	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Trichlorotrifluoroethane	ND		2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
Vinyl chloride	0.73	J	2.0	0.50	ug/L	2	11/05/15	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	102				%	2	11/05/15	HM	70 - 130 %	
% Bromofluorobenzene	97				%	2	11/05/15	HM	70 - 130 %	
% Dibromofluoromethane	101				%	2	11/05/15	HM	70 - 130 %	
% Toluene-d8	99				%	2	11/05/15	HM	70 - 130 %	
Volatile Library Search Top 10	Completed						11/06/15	HM		1

Project ID: TIM BAYLY
Client ID: MW-9

Phoenix I.D.: BK17107

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
November 09, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/30/15	11:40
Location Code:	HANSONV	Received by:	LB	11/02/15	16:31
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.45002				

Laboratory Data

SDG ID: GBK17096
Phoenix ID: BK17108

Project ID: TIM BAYLY
Client ID: MW-10

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,4-dioxane									
1,4-dioxane	ND		100	50	ug/l	1	11/05/15	HM	SW8260C
Volatiles									
1,1,1-Trichloroethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1,2-Trichloroethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1-Dichloroethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	11/05/15	HM	SW8260C
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichlorobenzene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichloroethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,3-Dichlorobenzene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,4-Dichlorobenzene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
2-Hexanone	ND		2.5	2.5	ug/L	1	11/05/15	HM	SW8260C
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	11/05/15	HM	SW8260C
Acetone	7.4	S	5.0	2.5	ug/L	1	11/05/15	HM	SW8260C
Benzene	ND		0.70	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromochloromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromodichloromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromoform	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromomethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Carbon Disulfide	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C

Project ID: TIM BAYLY
Client ID: MW-10

Phoenix I.D.: BK17108

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chlorobenzene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloroethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloroform	0.27	J	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloromethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
cis-1,2-Dichloroethene	56		10	2.5	ug/L	10	11/06/15	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/05/15	HM	SW8260C	
Cyclohexane	ND		5.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Methyl ethyl ketone	ND		5.0	2.5	ug/L	1	11/05/15	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Methylacetate	ND		2.5	2.5	ug/L	1	11/05/15	HM	SW8260C	
Methylcyclohexane	ND		2.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	11/05/15	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Tetrachloroethene	14		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Toluene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Total Xylenes	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
trans-1,2-Dichloroethene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichloroethene	10		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Vinyl chloride	1.2		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	11/05/15	HM	70 - 130 %	
% Bromofluorobenzene	96				%	1	11/05/15	HM	70 - 130 %	
% Dibromofluoromethane	97				%	1	11/05/15	HM	70 - 130 %	
% Toluene-d8	100				%	1	11/05/15	HM	70 - 130 %	
Volatile Library Search Top 10	Completed						11/05/15	HM		1

Project ID: TIM BAYLY
Client ID: MW-10

Phoenix I.D.: BK17108

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
November 09, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2015

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/28/15	8:00
Location Code:	HANSONV	Received by:	LB	11/02/15	16:31
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	3222.45002				

Laboratory Data

SDG ID: GBK17096
Phoenix ID: BK17109

Project ID: TIM BAYLY
Client ID: BLANK

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,4-dioxane									
1,4-dioxane	ND		100	50	ug/l	1	11/05/15	HM	SW8260C
Volatiles									
1,1,1-Trichloroethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1,2-Trichloroethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1-Dichloroethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	11/05/15	HM	SW8260C
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichlorobenzene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichloroethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,3-Dichlorobenzene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
1,4-Dichlorobenzene	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
2-Hexanone	ND		2.5	2.5	ug/L	1	11/05/15	HM	SW8260C
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	11/05/15	HM	SW8260C
Acetone	4.7	JS	5.0	2.5	ug/L	1	11/05/15	HM	SW8260C
Benzene	ND		0.70	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromochloromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromodichloromethane	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromoform	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Bromomethane	ND		2.0	0.25	ug/L	1	11/05/15	HM	SW8260C
Carbon Disulfide	ND		1.0	0.25	ug/L	1	11/05/15	HM	SW8260C

Project ID: TIM BAYLY
Client ID: BLANK

Phoenix I.D.: BK17109

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chlorobenzene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloroethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloroform	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Chloromethane	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/05/15	HM	SW8260C	
Cyclohexane	ND	5.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	11/05/15	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Methylacetate	ND	2.5	2.5	ug/L	1	11/05/15	HM	SW8260C	
Methylcyclohexane	ND	2.0	0.50	ug/L	1	11/05/15	HM	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	11/05/15	HM	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Toluene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Total Xylenes	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
trans-1,2-Dichloroethene	ND	2.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/05/15	HM	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	11/05/15	HM	70 - 130 %	
% Bromofluorobenzene	98			%	1	11/05/15	HM	70 - 130 %	
% Dibromofluoromethane	100			%	1	11/05/15	HM	70 - 130 %	
% Toluene-d8	101			%	1	11/05/15	HM	70 - 130 %	
Volatile Library Search Top 10	Completed					11/05/15	HM		1

Project ID: TIM BAYLY
Client ID: BLANK

Phoenix I.D.: BK17109

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

BLANK INCLUDED

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
November 09, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

Sample Criteria Exceedences Report

GBK17096 - HANSONV

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY Temperature Narration

November 09, 2015

SDG I.D.: GBK17096

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [ ] ICE [X] No [ ]

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4 °C Pg 1 of 2

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
[ ] Fax:
[ ] Phone:
[X] Email: kvanvleat@hansonvanvleat.com

Customer: Hanson VanVleat LLC
Address: 902 Rt 146
Clifton Park NY 12065

Project: Tim Bayly
Report to: K. VanVleat
Invoice to: K. VanVleat

Project P.O: 3222.95002

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Jason Williams Date: 10/30/15

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request: TCL VOCs; TCL SVOCs; PCBs/Pesticides; T. Metals; D. Metals

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Soil VOA Vials [ ]	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ]	GL Amber 1000ml [ ]	PL As is [X] 250ml [ ]	PL H2SO4 [ ] 250ml [ ]	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
17096	MW-1	GW	10/29/15	4:50				3	2					
17097	MW-1	GW	10/30/15	1:10						1			1	
17098	MW-3	GW	10/29/15	2:20				3						
17099	MW-4	GW	10/29/15	2:00				3	1					
17100	MW-4	GW	10/30/15	11:30									1	
17101	MW-5	GW	10/29/15	11:00				3						
17102	MW-6	GW	10/28/15	3:30				3						
17103	MW-7	GW	10/29/15	5:45				3	2					
17104	MW-7	GW	10/30/15	12:50						1			1	
17105	MW-8	GW	10/29/15	12:30				3	2	1			1	
17106	MW-12	GW	10/29/15	9:00				3	2	1			1	

Relinquished by:	Accepted by:	Date:	Time:
Jason Williams	Kyley VanVleat	10/30/15	3:30
Kyley VanVleat	Morgan Mitchell	2Nov2015	1005
Morgan Mitchell	[illegible]	11-2-15	14:30

Comments, Special Requirements or Regulations: TF Only 1112115 16:31

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] 5 Days
[X] 10 Days
[ ] Other
* SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[ ] TAGM 4046 GW
[ ] TAGM 4046 SOIL
[ ] NY375 Unrestricted Use Soil
[ ] NY375 Residential Soil
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[ ] Phoenix Std Report
[ ] Excel
[ ] PDF
[ ] GIS/Key
[X] EQuIS
[ ] NJ Hazsite EDD
[ ] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[X] NY Enhanced (ASP B) *
[ ] Other

State where samples were collected: NY

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4°C Pg 2 of 2

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery:
☐ Fax #:
☒ Email: kvanvleet@hansonvanvleet.com

WC10

Customer: Hanson Van Vleet LLC
Address: 902 Rt 146
Clifton Park, NY 12065

Project: Tim Bayly
Report to: K. Van Vleet
Invoice to: K. Van Vleet

Project P.O: 3222,95002
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Lane Urban Date: 10/30/15

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=oil
GW=groundwater **SL**=sludge **A**=air **X**=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TAL VOCs	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
17107	MW-9	GW	10/30/15	11:52	X				3						
17108	MW-10	GW	10/30/15	11:40	X				3						
17109	BLANK	DI	10/28/15	8:00	X				3						
	DI = Distilled water														

Relinquished by:	Accepted by:	Date:	Time:
Lane Urban	Kayla VanVleet	10/30/15	3:30
Kayla VanVleet	Jaclyn Middleton	10/30/15	1005
Jaclyn Middleton	FEDEX	11-2-15	14:30
FEDEX	TFMMM	11/2/15	10:31

Comments/Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☐ 10 Days
☒ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TOGS GA GW
☐ CP-51 Soil
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

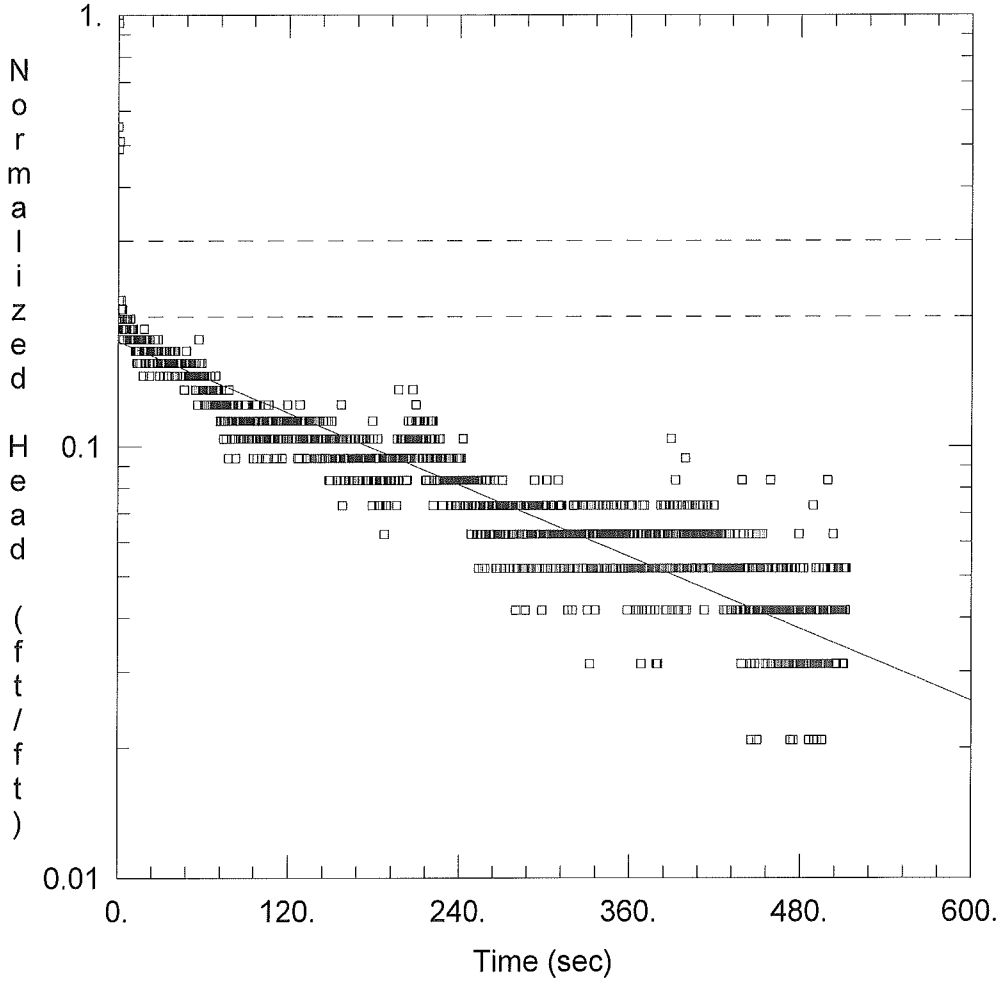
Data Format
☐ Phoenix Std Report
☐ Excel
☐ PDF
☐ GIS/Key
☒ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☒ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

APPENDIX J

HYDRAULIC CONDUCTIVITY RESULTS



MW-5 SLUG IN 1 - BOUWER RICE

Data Set: Z:\...\MW-5 SLUG IN 1 Bouwer-rice.aqt
Date: 04/06/16 Time: 10:25:47

PROJECT INFORMATION

Company: HVV LLC.
Client: BAYLY
Project: 800 BROADWAY
Location: RENNSELEAR, NY
Test Well: MW-5
Test Date: 2/22/16

AQUIFER DATA

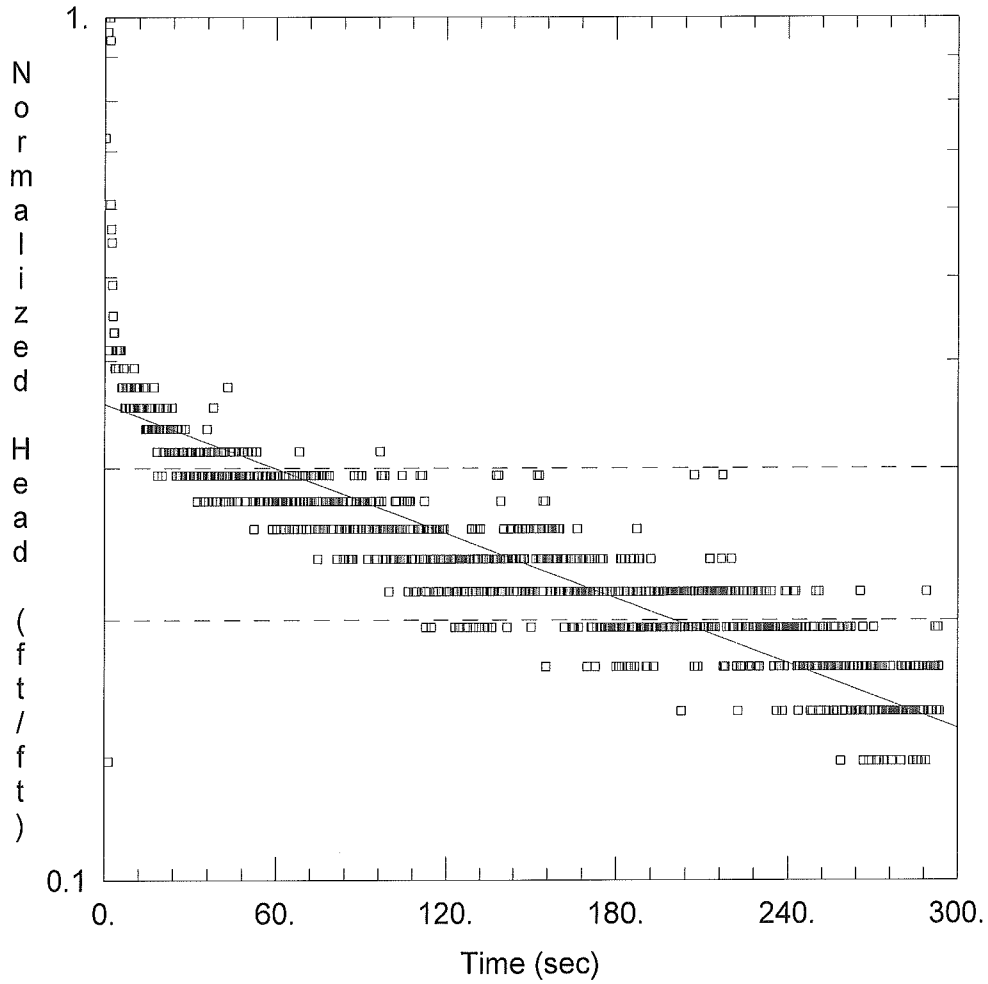
Saturated Thickness: 6.8 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-5)

Initial Displacement: 0.96 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.083 ft
Static Water Column Height: 6.2 ft
Screen Length: 10. ft
Well Radius: 0.16 ft

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice
K = 2.128 gal/day/ft^2
y0 = 0.1682 ft



MW-5 SLUG IN 2 - BOUWER RICE

Data Set: Z:\...\MW-5 SLUG IN 2 Hvorslev.aqt
Date: 04/06/16 Time: 10:28:49

PROJECT INFORMATION

Company: HVV LLC.
Client: BAYLY
Project: 800 BROADWAY
Location: RENNSELEAR, NY
Test Well: MW-5
Test Date: 2/22/16

AQUIFER DATA

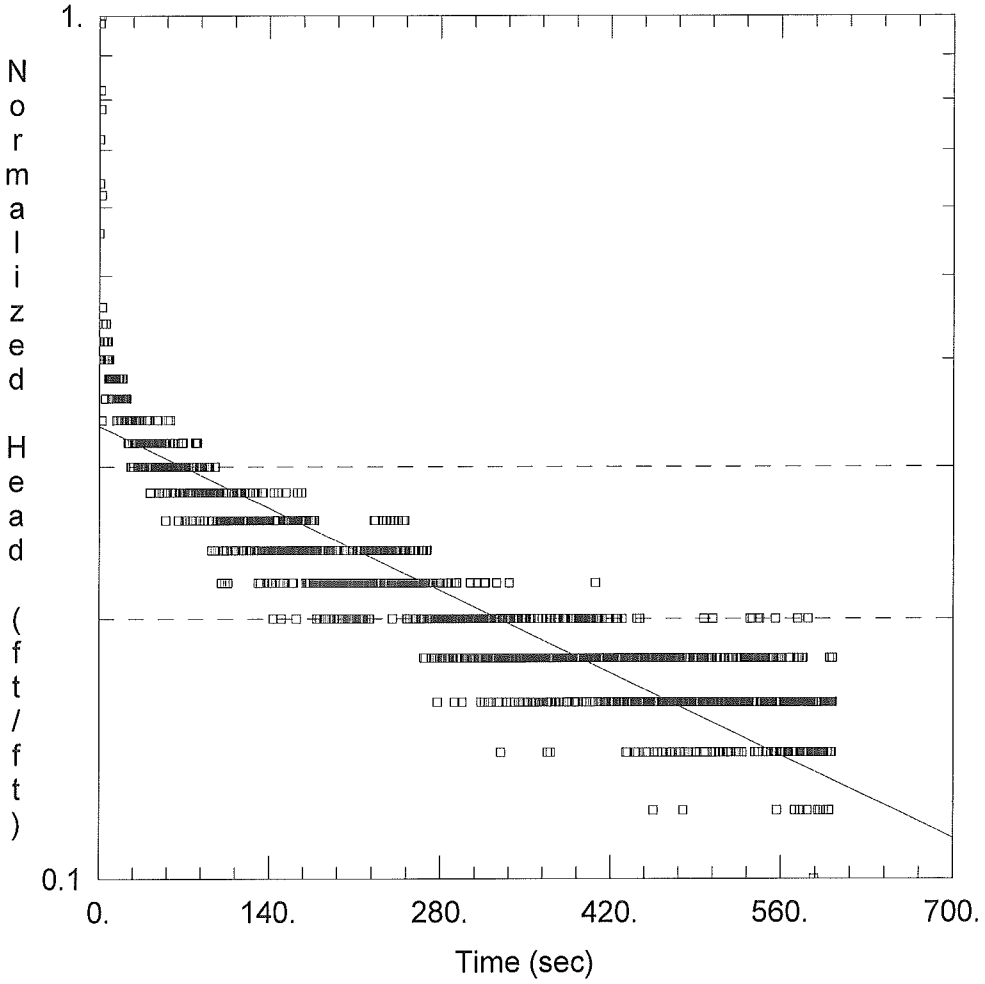
Saturated Thickness: 6.8 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-5)

Initial Displacement: 0.51 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.083 ft
Static Water Column Height: 6.2 ft
Screen Length: 10. ft
Well Radius: 0.16 ft

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice
K = 1.921 gal/day/ft^2
y0 = 0.1817 ft



MW-5 SLUG IN 3 - BOUWER RICE

Data Set: Z:\...\MW-5 SLUG IN 3 BOUWER RICE.aqt
Date: 04/06/16 Time: 10:32:29

PROJECT INFORMATION

Company: HVV LLC.
Client: BAYLY
Project: 800 BROADWAY
Location: RENNSELEAR, NY
Test Well: MW-5
Test Date: 2/22/16

AQUIFER DATA

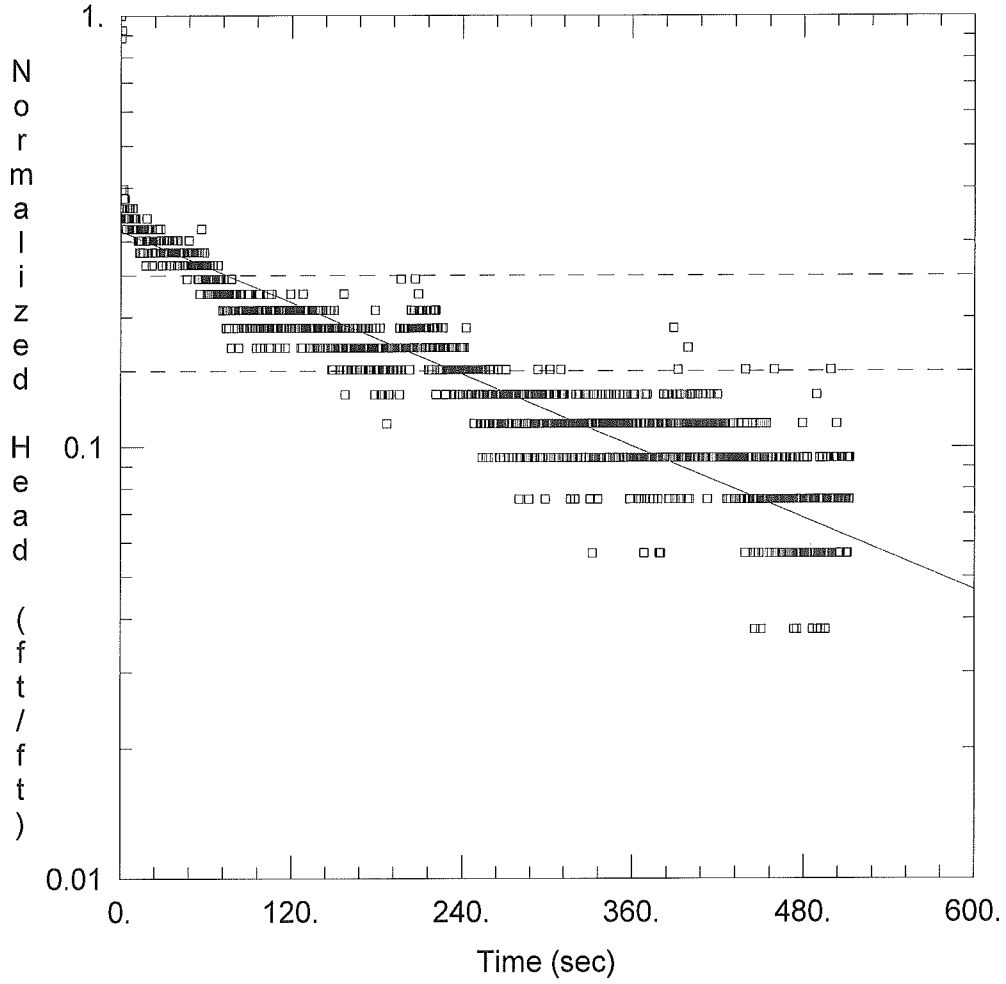
Saturated Thickness: 6.8 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-5)

Initial Displacement: 0.5 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.083 ft
Static Water Column Height: 6.2 ft
Screen Length: 10. ft
Well Radius: 0.16 ft

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice
K = 1.045 gal/day/ft^2
y0 = 0.1673 ft



MW-5 SLUG IN 1 - HVORSLEV

Data Set: Z:\...\MW-5 SLUG IN 1 Hvorslev.aqt
Date: 04/06/16 Time: 10:26:12

PROJECT INFORMATION

Company: HVV LLC.
Client: BAYLY
Project: 800 BROADWAY
Location: RENNSELEAR, NY
Test Well: MW-5
Test Date: 2/22/16

AQUIFER DATA

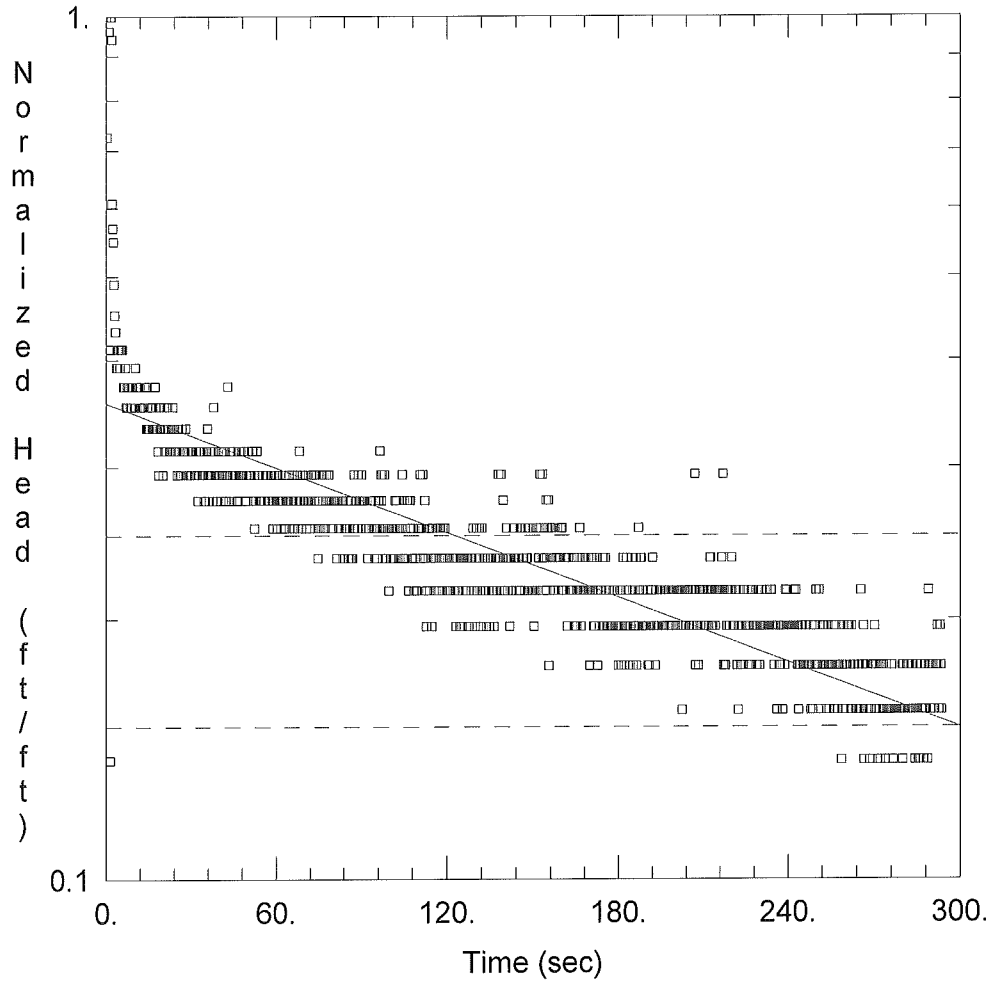
Saturated Thickness: 6.8 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-5)

Initial Displacement: 0.53 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.083 ft
Static Water Column Height: 6.2 ft
Screen Length: 10. ft
Well Radius: 0.16 ft

SOLUTION

Aquifer Model: Confined
Solution Method: Hvorslev
K = 3.554 gal/day/ft^2
y0 = 0.1682 ft



MW-5 SLUG IN 2 - HVORSLEV

Data Set: Z:\...\MW-5 SLUG IN 2 Hvorslev.aqt
Date: 04/06/16 Time: 10:28:21

PROJECT INFORMATION

Company: HVV LLC.
Client: BAYLY
Project: 800 BROADWAY
Location: RENNSELEAR, NY
Test Well: MW-5
Test Date: 2/22/16

AQUIFER DATA

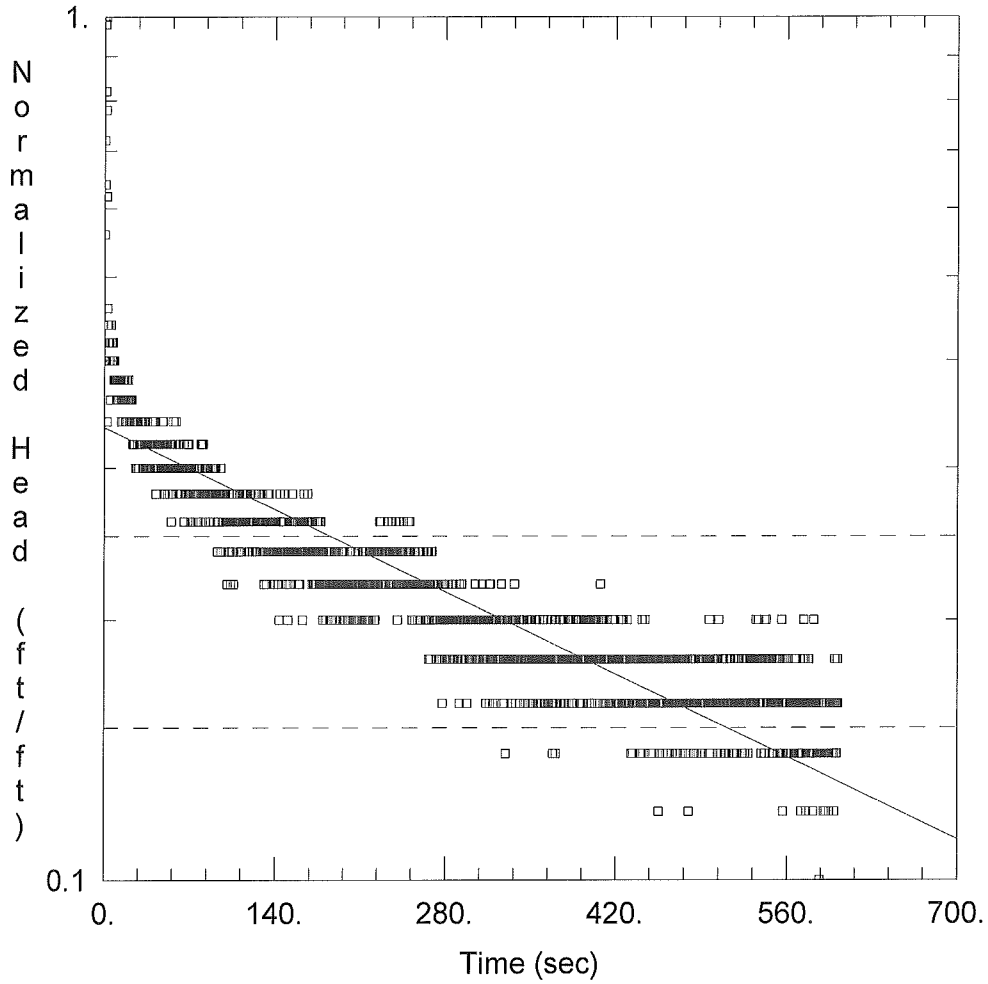
Saturated Thickness: 6.8 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-5)

Initial Displacement: 0.51 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.083 ft
Static Water Column Height: 6.2 ft
Screen Length: 10. ft
Well Radius: 0.16 ft

SOLUTION

Aquifer Model: Confined
Solution Method: Hvorslev
K = 3.208 gal/day/ft^2
y0 = 0.1817 ft



MW-5 SLUG IN 3 - HVORSLEV

Data Set: Z:\...\MW-5 SLUG IN 3 HVORSLEV.aqt
Date: 04/06/16 Time: 10:31:47

PROJECT INFORMATION

Company: HVV LLC.
Client: BAYLY
Project: 800 BROADWAY
Location: RENNSELEAR, NY
Test Well: MW-5
Test Date: 2/22/16

AQUIFER DATA

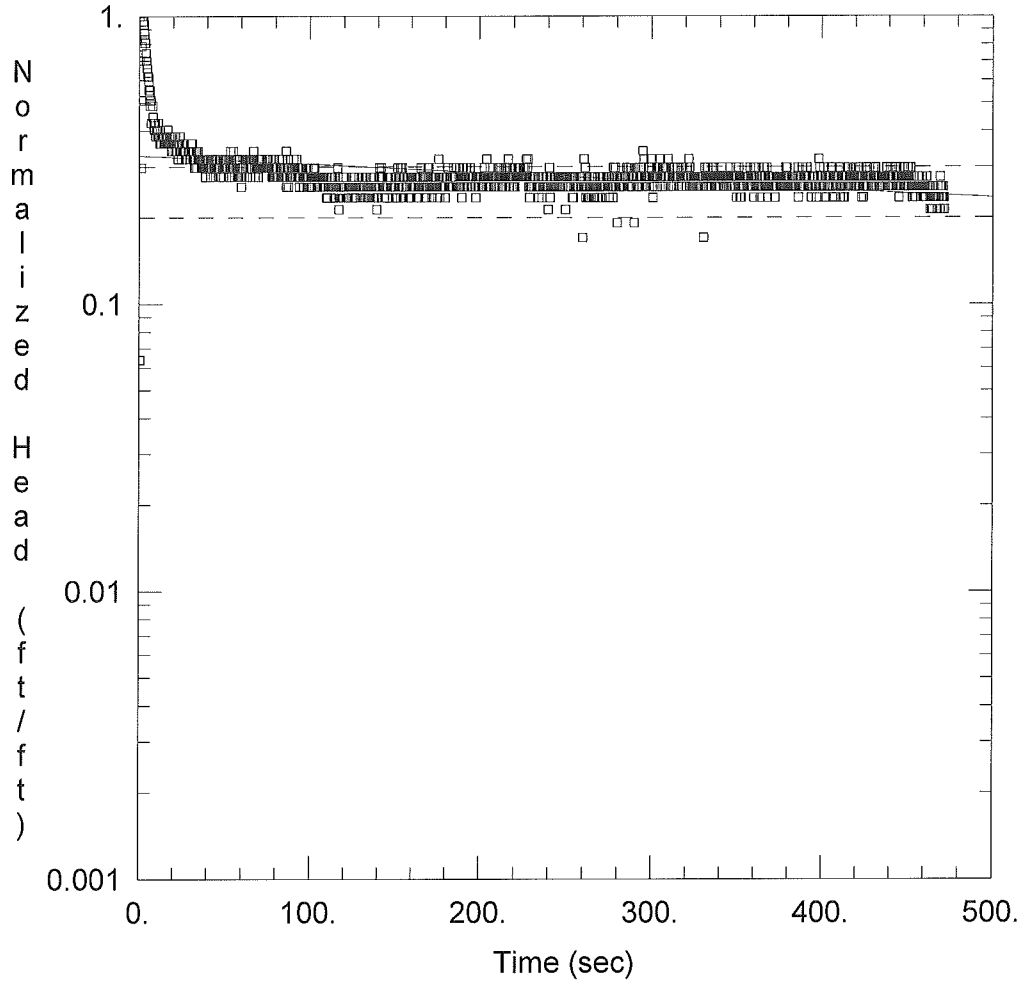
Saturated Thickness: 6.8 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-5)

Initial Displacement: 0.5 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.083 ft
Static Water Column Height: 6.2 ft
Screen Length: 10. ft
Well Radius: 0.16 ft

SOLUTION

Aquifer Model: Confined
Solution Method: Hvorslev
K = 1.745 gal/day/ft^2
y0 = 0.1673 ft



MW-5 SLUG OUT 1 - BOUWER RICE

Data Set: Z:\...\MW-5 SLUG OUT 1 BOUWER RICE.aqt
Date: 04/06/16 Time: 10:27:01

PROJECT INFORMATION

Company: HVV LLC.
Client: BAYLY
Project: 800 BROADWAY
Location: RENNSELEAR, NY
Test Well: MW-5
Test Date: 2/22/16

AQUIFER DATA

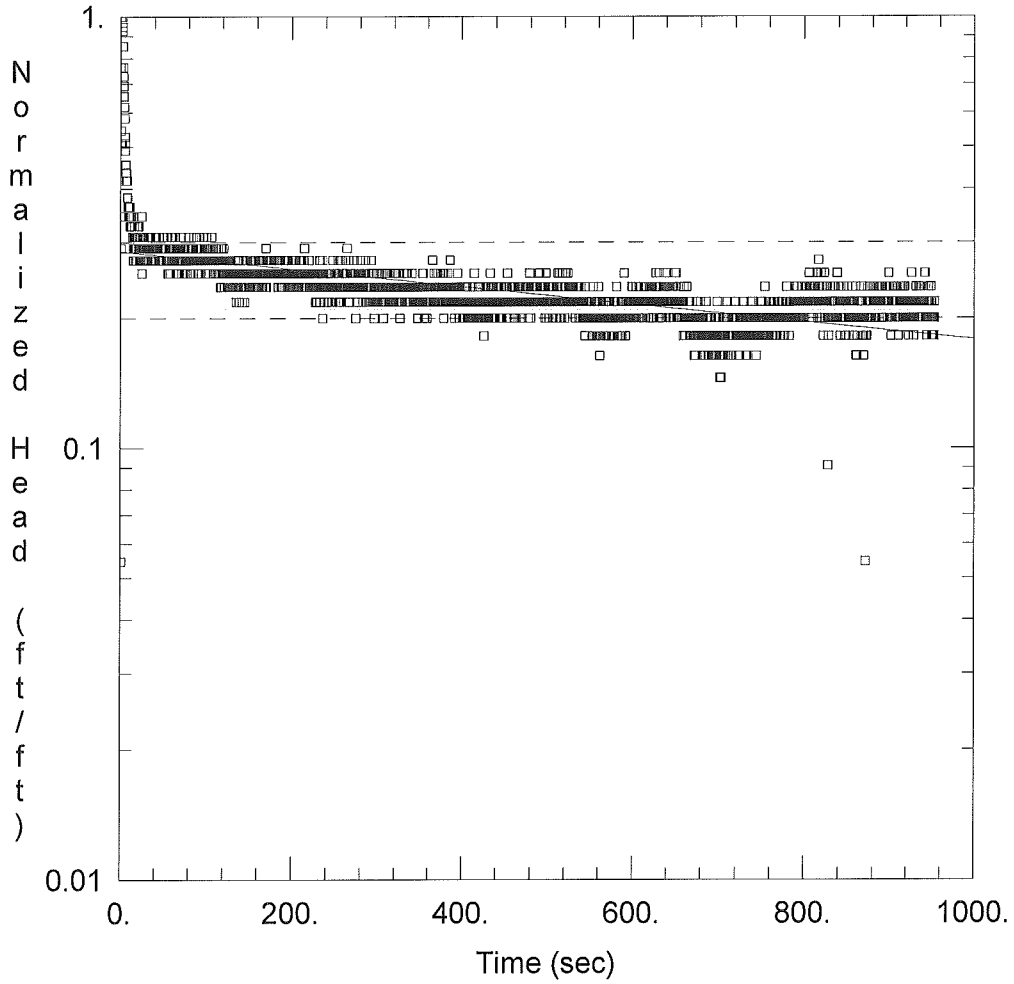
Saturated Thickness: 6.8 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-5)

Initial Displacement: 0.47 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.083 ft
Static Water Column Height: 6.2 ft
Screen Length: 10. ft
Well Radius: 0.16 ft

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice
K = 0.4431 gal/day/ft^2
y0 = 0.154 ft



MW-5 SLUG OUT 2 - BOUWER RICE

Data Set: Z:\...\MW-5 SLUG OUT 2 BOUWER RICE.aqt
Date: 04/06/16 Time: 10:29:25

PROJECT INFORMATION

Company: HVV LLC.
Client: BAYLY
Project: 800 BROADWAY
Location: RENNSELEAR, NY
Test Well: MW-5
Test Date: 2/22/16

AQUIFER DATA

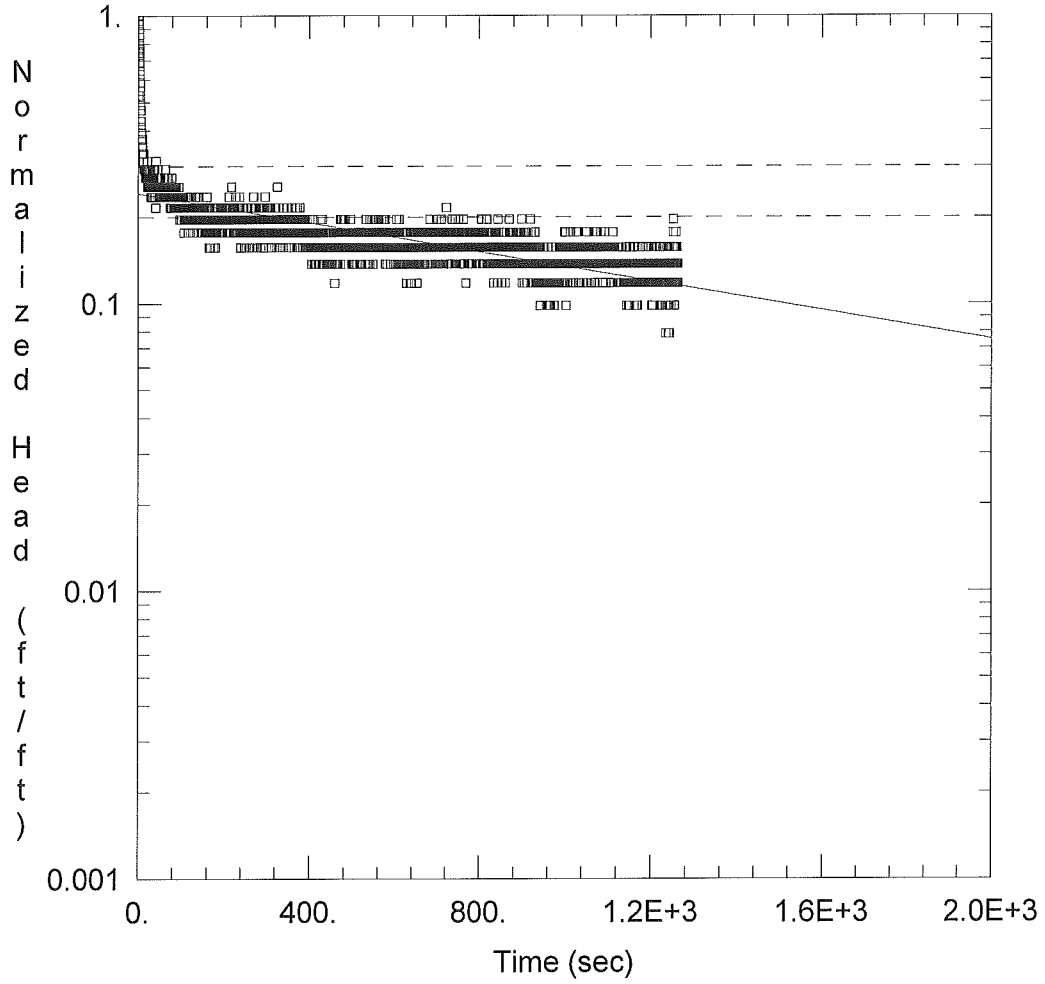
Saturated Thickness: 6.8 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-5)

Initial Displacement: 0.55 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.083 ft
Static Water Column Height: 6.2 ft
Screen Length: 10. ft
Well Radius: 0.16 ft

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice
K = 0.3131 gal/day/ft^2
y0 = 0.1573 ft



MW-5 SLUG OUT 3 - BOUWER RICE

Data Set: Z:\...\MW-5 SLUG OUT 3 BOUWER RICE.aqt
Date: 04/06/16 Time: 10:33:01

PROJECT INFORMATION

Company: HVV LLC.
Client: BAYLY
Project: 800 BROADWAY
Location: RENNSELEAR, NY
Test Well: MW-5
Test Date: 2/22/16

AQUIFER DATA

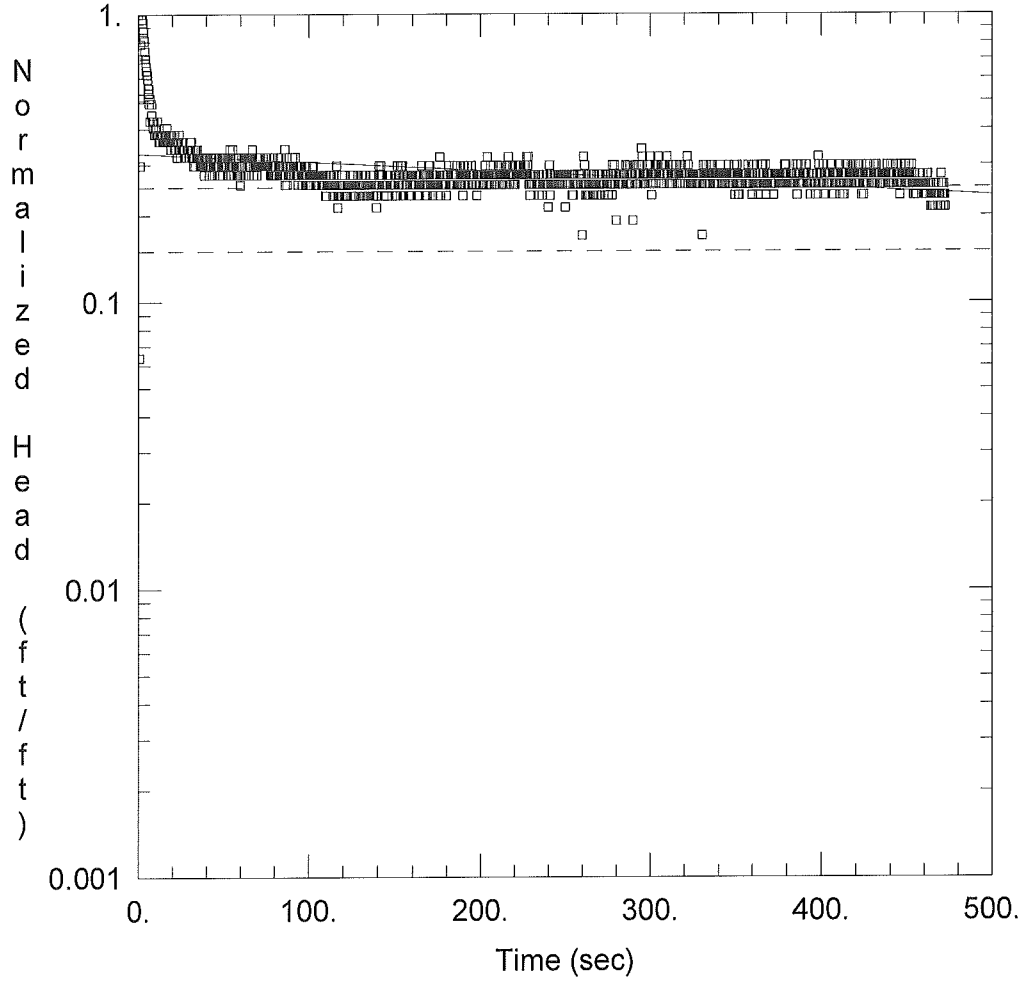
Saturated Thickness: 6.8 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-5)

Initial Displacement: 0.51 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.083 ft
Static Water Column Height: 6.2 ft
Screen Length: 10. ft
Well Radius: 0.16 ft

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice
K = 0.3887 gal/day/ft^2
y0 = 0.1232 ft



MW-5 SLUG OUT 1 - HVORSLEV

Data Set: Z:\...\MW-5 SLUG OUT 1 HVORSLEV.aqt
Date: 04/06/16 Time: 10:27:25

PROJECT INFORMATION

Company: HVV LLC.
Client: BAYLY
Project: 800 BROADWAY
Location: RENNSELEAR, NY
Test Well: MW-5
Test Date: 2/22/16

AQUIFER DATA

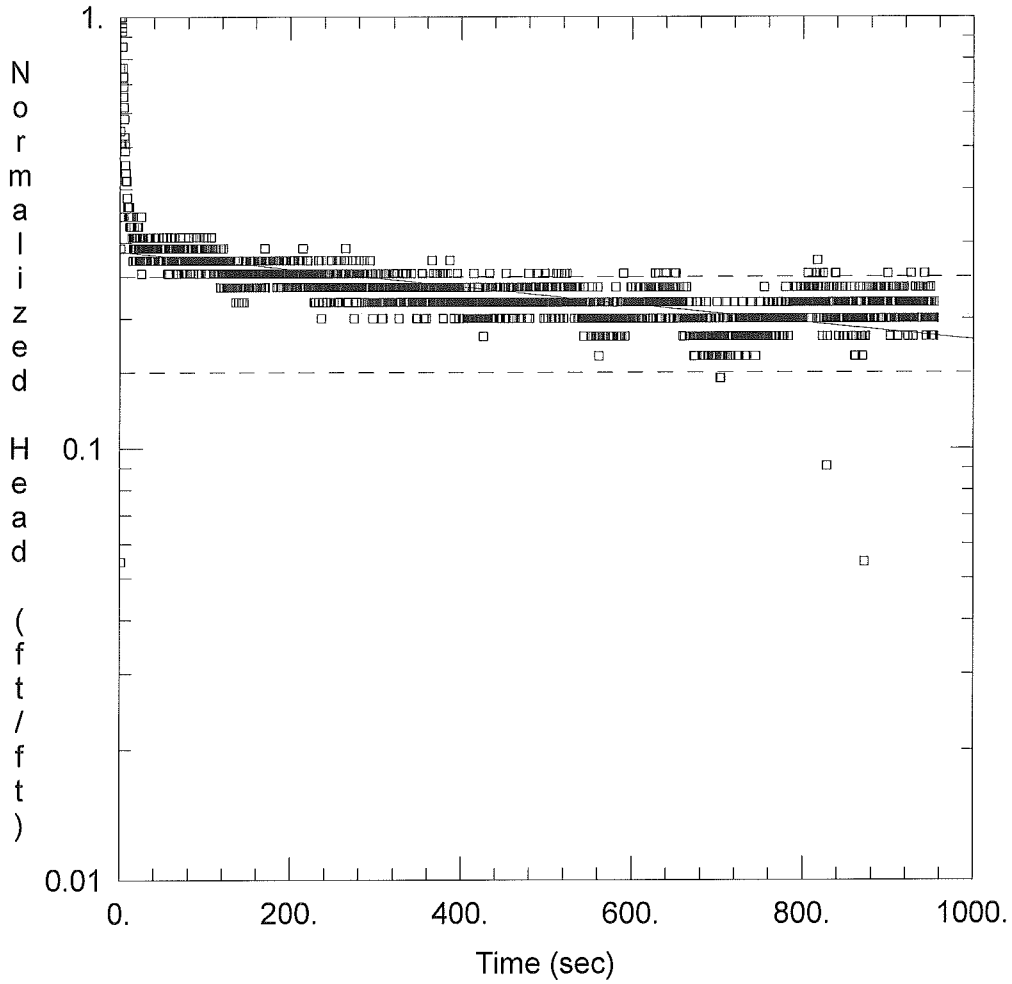
Saturated Thickness: 6.8 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-5)

Initial Displacement: 0.47 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.083 ft
Static Water Column Height: 6.2 ft
Screen Length: 10. ft
Well Radius: 0.16 ft

SOLUTION

Aquifer Model: Confined
Solution Method: Hvorslev
K = 0.7398 gal/day/ft^2
y0 = 0.154 ft



MW-5 SLUG OUT 2 - HVORSLEV

Data Set: Z:\...\MW-5 SLUG OUT 2 HVORSLEV.aqt
Date: 04/06/16 Time: 10:29:51

PROJECT INFORMATION

Company: HVV LLC.
Client: BAYLY
Project: 800 BROADWAY
Location: RENNSELEAR, NY
Test Well: MW-5
Test Date: 2/22/16

AQUIFER DATA

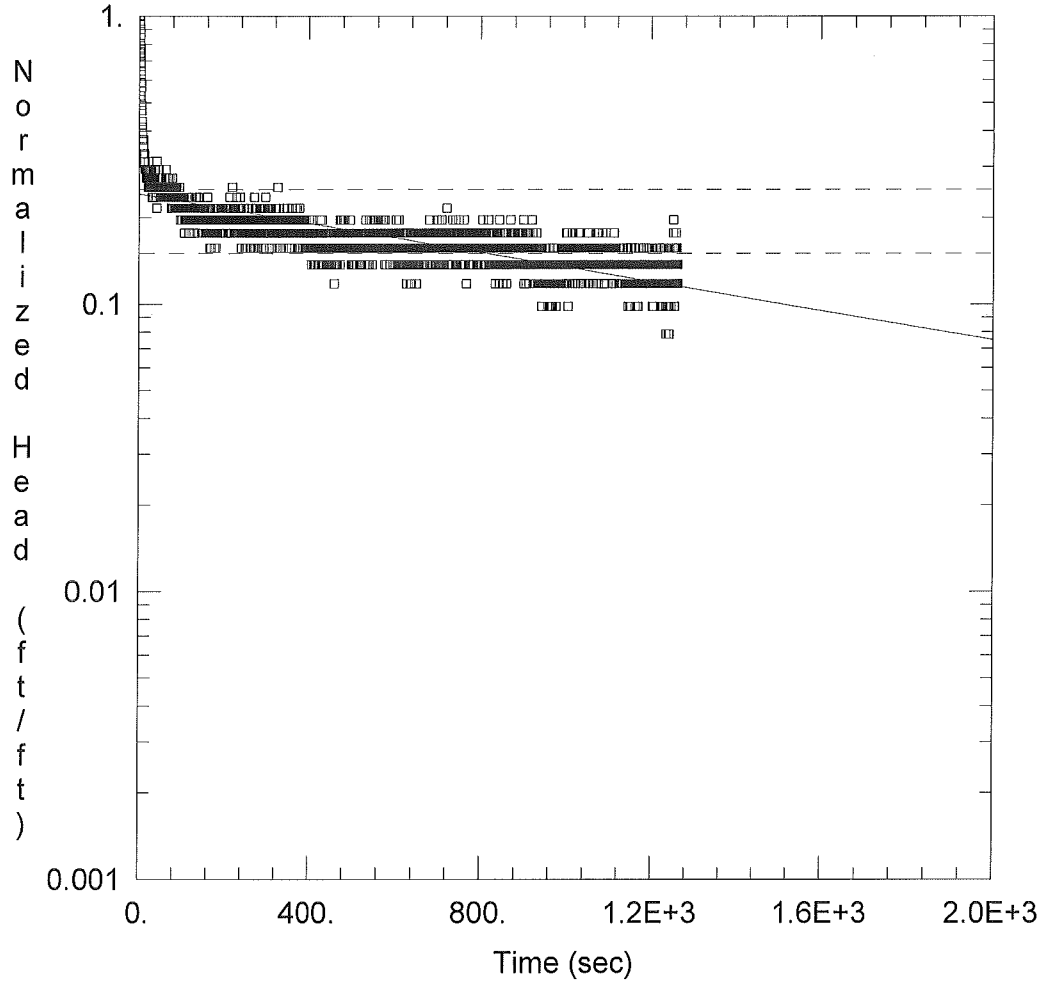
Saturated Thickness: 6.8 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-5)

Initial Displacement: 0.55 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.083 ft
Static Water Column Height: 6.2 ft
Screen Length: 10. ft
Well Radius: 0.16 ft

SOLUTION

Aquifer Model: Confined
Solution Method: Hvorslev
K = 0.5229 gal/day/ft^2
y0 = 0.1573 ft



MW-5 SLUG OUT 3 - HVORSLEV

Data Set: Z:\...\MW-5 SLUG OUT 3 HVORSLEV.aqt
Date: 04/06/16 Time: 10:33:30

PROJECT INFORMATION

Company: HVV LLC.
Client: BAYLY
Project: 800 BROADWAY
Location: RENNSELEAR, NY
Test Well: MW-5
Test Date: 2/22/16

AQUIFER DATA

Saturated Thickness: 6.8 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-5)

Initial Displacement: 0.51 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.083 ft
Static Water Column Height: 6.2 ft
Screen Length: 10. ft
Well Radius: 0.16 ft

SOLUTION

Aquifer Model: Confined
Solution Method: Hvorslev
K = 0.6491 gal/day/ft^2
y0 = 0.1232 ft

APPENDIX K

SOIL VAPOR INTRUSION ANALYTICAL RESULTS, 1 PARTITION STREET

TO-15 Package Review Checklist

Client: Hanson VAN Vleet Project: Tim Bayly Site SDG: C1602007

		YES	NO	NA
Analytical Results	Present and Complete	✓		
TIC's present	Present and Complete	✓		
	Holding Times Met	✓		

Comments: \

Chain-of-Custody — Present and Complete: ✓

Surrogate Recovery — Present and Complete: ✓; Recoveries within limits: ✓; Sample(s) reanalyzed: ✓

Internal Standards Recovery — Present and Complete: ✓; Recoveries within limits: ✓; Sample(s) reanalyzed:

Comments:

Lab Control Sample (LCS) — Present and Complete: ✓; Recoveries within limits: ✓

Lab Control Sample Dupe (LCSD) — Present and Complete: ✓; Recoveries within limits: ✓

MS/MSD — Present and Complete: ✓; Recoveries within limits: ✓

Comments: * NO MS/MSD

Sample Raw Data — Present and Complete: ✓; Spectra present for all samples: ✓

Comments:

TO-15 Package Review Checklist

Client: Hanson VAN Vleet Project: Tim Bayly Site SDG: C1602007

		YES	NO	NA
Standards Data				
Initial Calibration Summary	Present and Complete	✓		
	Calibration(s) met criteria	✓		
Continuing Calibration Summary	Present and Complete	✓		
	Calibration(s) met criteria	✓		
Standards Raw Data	Present and Complete	✓		

Comments:

Raw Quality Control Data

Tune Criteria Report	Present and Complete	✓		
Method Blank Data	MB Results <PQL	✓		
	Associated results flagged "B"			✓
LCS sample data	Present and Complete	✓		
LCSD sample data	Present and Complete	✓		
MS/MSD sample data	Present and Complete			✓

Comments:

Logbooks

Injection Log	Present and Complete	✓		
Standards Log	Present and Complete	✓		
Can Cleaning Log	Present and Complete	✓		
	Raw Data Present	✓		
Calculation sheet	Present and Complete	✓		
IDL's	Present and Complete	✓		
Bottle Order Form	Present and Complete	✓		
Sample Tracking Form	Present and Complete	✓		

Additional Comments: SEE CASE NARRATIVE

Section Supervisor: Wade Dahl Date: 3/8/16

QC Supervisor: [signature] Date: 3/8/16

CENTEK LABORATORIES, LLC

143 Midler Park Drive * Syracuse, NY 13206
Phone (315) 431-9730 * Emergency 24/7 (315) 416-2752
NYSDOH ELAP Certificate No. 11830

Analytical Report

Kirby Van Vleet
Hanson Van Vleet
902 Route 146
Clifton Park, NY 12065

TEL: (518) 371-7940
FAX (518) 371-5885

Wednesday, February 10, 2016
Order No.: C1602007

RE: Tim Bayly Site

Dear Kirby Van Vleet:

Centek Laboratories, LLC received 6 sample(s) on 2/3/2016 for the analyses presented in the following report.

I certify that this data package is in compliance with the terms and conditions of the Contract, both technically and for completeness. Release of the data contained in this hardcopy data package and/or in the computer readable data submitted has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the case narrative. All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

Centek Laboratories is distinctively qualified to meet your needs for precise and timely volatile organic compound analysis. We perform all analyses according to EPA, NIOSH or OSHA-approved analytical methods. Centek Laboratories is dedicated to providing quality analyses and exceptional customer service. Samples were analyzed using the methods outlined in the following references:

Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999.

Centek Laboratories SOP TS-80

Analytical results relate to samples as received at laboratory. We do our best to make our reporting format clear and understandable and hope you are thoroughly satisfied with our services.

Please contact your client service representative at (315) 431-9730 or myself, if you would like any additional information regarding this report.

This report cannot be reproduced except in its entirety, without prior written authorization.

Sincerely,

William Dobbin
Lead Technical Director

Disclaimer: The test results and procedures utilized, and laboratory interpretations of the data obtained by Centek as contained in this report are believed by Centek to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of Centek for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages. ELAP does not offer certification for the following parameters by this method at present time, they are: 4-ethyltoluene, ethyl acetate, propylene, 4-PCH, sulfur derived and silcon series compounds.

Centek Laboratories, LLC Terms and Conditions

Sample Submission

All samples sent to Centek Laboratories should be accompanied by our Request for Analysis Form or Chain of Custody Form. A Chain of Custody will be provided with each order shipped for all sampling events, or if needed, one is available at our website www.CentekLabs.com. Samples received after 3:00pm are considered to be a part of the next day's business.

Sample Media

Samples can be collected in an canister or a Tedlar bag. Depending on your analytical needs, Centek Laboratories may receive a bulk, liquid, soil or other matrix sample for headspace analysis.

Blanks

Every sample is run with a surrogate or tracer compound at a pre-established concentration. The surrogate compound run with each sample is used as a standard to measure the performance of each run of the instrument. If required, a Minican can be provided containing nitrogen to be run as a trip blank with your samples.

Sampling Equipment

Centek Laboratories will be happy to provide the canisters to carry-out your sampling event at no charge. The necessary accessories, such as regulators, tubing or personal sampling belts, are also provided to meet your sampling needs. The customer is responsible for all shipping charges to the client's destination and return shipping to the laboratory. Client assumes all responsibility for lost, stolen and any dameges of equipment.

Turn Around time (TAT)

Centek Laboratories will provide results to its clients in one business-week by 6:00pm EST after receipt of samples. For example, if samples are received on a Monday they are due on the following Monday by 6:00pm EST. Results are faxed or emailed to the requested location indicated on the Chain of Custody. Non-routine analysis may require more than the one business-week turnaround time. Please confirm non-routine sample turnaround times.

Reporting

Results are emailed or faxed at no additional charge. A hard copy of the result report is mailed within 24 hours of the faxing or emailing of your results. Cat "B" like packages are within 3-4 weeks from time of analysis. Standard Electronic Disk Deliverables (EDD) is also available at no additional charge.

Payment Terms

Payment for all purchases shall be due within 30 days from date of invoice. The client agrees to pay a finance charge of 1.5% per month on the overdue balance and cost of collection, including attorney fees, if collection proceedings are necessary. You must have a completed credit application on file to extend credit. Purchase orders or checks information must be submitted for us to release results

Rush Turnaround Samples

Expedited turn around times is available. Please confirm rush turnaround times with Client Services before submitting samples.

Applicable Surcharges for Rush Turnaround Samples:
Same day TAT = 200%
Next business day TAT by Noon = 150%
Next business day TAT by 6:00pm = 100%
Second business day TAT by 6:00pm = 75%
Third business day TAT by 6:00pm = 50%
Fourth business day TAT by 6:00pm = 35%
Fifth business day = Standard

Statement of Confidentiality

Centek Laboratories, LLC is aware of the importance of the confidentiality of results to many of our clients. Your name and data will be held in the strictest of confidence. We will not accept business that may constitute a conflict of interest. We commonly sign Confidential Nondisclosure Agreements with clients prior to beginning work. All research, results and reports will be kept strictly confidential. Secrecy Agreements and Disclosure Statements will be signed for the client if so specified. Results will be provided only to the addressee specified on the Chain of Custody Form submitted with the samples unless law requires release. Written permission is required from the addressee to release results to any other party.

Limitation on Liability

Centek Laboratories, LLC warrants the test results to be accurate to the methodology and sample type for each sample submitted to Centek Laboratories, LLC. In no event shall Centek Laboratories, LLC be liable for direct, indirect, special, punitive, incidental, exemplary or consequential damages, or any damages whatsoever, even if Centek Laboratories, LLC has been previously advised of the possibility of such damages whether in an action under contract, negligence, or any other theory, arising out of or in connection with the use, inability to use or performance of the information, services, products and materials available from the laboratory or this site. These limitations shall apply notwithstanding any failure of essential purpose of any limited remedy. Because some jurisdictions do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of liability for consequential or incidental damages, the above limitations may not apply to you. This is a comprehensive limitation of liability that applies to all damages of any kind, including (without limitation) compensatory,

direct, indirect or consequential damages, loss of data, income or profit and or loss of or damage to property and claims of third parties.

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CENTEK LABORATORIES, LLC

Date: *08-Mar-16*

CLIENT: Hanson Van Vleet
Project: Tim Bayly Site
Lab Order: C1602007

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Centek Laboratories, LLC SOP TS-80
Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the corrective action report(s). All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

NYSDEC ASP samples:
Canisters should be evacuated to a reading of less than or equal to 50 millitorr prior to shipment to sampling personnel. The vacuum in the canister will be field checked prior to sampling, and must read 28" of Hg (±2", vacuum, absolute) before a sample can be collected. After the sample has been collected, the pressure of the canister will be read and recorded again, and must be 5" of Hg (±1", vacuum, absolute) for the sample to be valid. Once received at the laboratory, the canister vacuum should be confirmed to be 5" of Hg,±1". Please record and report the pressure/vacuum of received canisters on the sample receipt paperwork. A pressure/vacuum reading should also be taken just prior to the withdrawal of sample from the canister, and recorded on the sample preparation log sheet. All regulators are calibrated to meet these requirements before they leave the laboratory. However, due to environmental conditions and use of the equipment Centek can not guarantee that this criteria can always be achieved.

Wrong canister ID on sample IA-2A

Centek Chain of Custody

Centek Laboratories

143 Midler Park Drive
Syracuse, NY 13206
315-431-9730
www.CentekLabs.com

Vapor Intrusion & IAQ

Site Name: Tim Bayly Site
Project: Tim Bayly
PO#:
Quote # Q-1491/B06582
Other:

Detection Limit	Report Level
☐ 5ppbv	☐ Level I
☒ 1ug/M3	☐ Level II
☒ 1ug/M3 +TCE .25	☒ Cat "B" Like

TAT Turnaround Time:	Check One	Rush TAT Surcharge %	Due Date:
5 Business Days	☒	0%	
4 Business Days	☐	25%	
3 Business Days	☐	50%	
2 Business Days	☐	75%	
*Next Day by 5pm	☐	100%	
*Next Day by Noon	☐	150%	
*Same Day	☐	200%	

*For Same and Next Day TAT Please Notify Lab

Company: Hanson VanVleet LL

Report to:
Address: 902 Rt 146
City, State, Zip Clifton Park NY 12804
Email: kvanvleet@hansonvanvleet.com
Phone: 518-371-7940

Company:
Check Here If Same: ☒

Invoice to:
Address:
City, State, Zip
Email:
Phone:

Sample ID	Date Sampled	Canister Number	Regulator Number	Analysis Request	Comments		Vacuum Start/Stop	
SS-1	2/1 – 2/2/16	544	435	TO 15	10:45	11:15	30	0
SS-2		236	374		10:50	11:17	29	4
IA-1		471	382		10:54	11:20	30	0
IA-2	@234 2-3-16	325	345		10:51	11:22	30	4
IA-3		202	379		10:55	11:24	28	0
OA-1		360	385		11:01	11:26	30+	2.5

Chain of Custody	Print Name	Signature	Date/Time	Courier: CIRCLE ONE
Sampled by:	Jim Scerra	Jim Scerra	2/2/16 1145	FedEx UPS Pickup/Dropoff
Relinquished by:				For LAB USE ONLY
Received at Lab by:	NICK MANDARINO		2-3-16	Work Order # C1602007

*** By signing Centek Labs Chain of Custody, you are accepting Centek Labs Terms and Conditions listed on the reverse side.

Centek Laboratories, LLC

CENTEK LABORATORIES, LLC

Date: *08-Mar-16*

CLIENT: Hanson Van Vleet
Project: Tim Bayly Site
Lab Order: C1602007

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
C1602007-001A	SS-1	544.435	2/1/2016	2/3/2016
C1602007-002A	SS-2	236.374	2/1/2016	2/3/2016
C1602007-003A	IA-1	471.382	2/1/2016	2/3/2016
C1602007-004A	IA-2	234.345	2/1/2016	2/3/2016
C1602007-005A	IA-3	202.379	2/1/2016	2/3/2016
C1602007-006A	OA-1	360.388	2/1/2016	2/3/2016

Centek Laboratories, LLC

08-Mar-16

Lab Order: C1602007
Client: Hanson Van Vleet
Project: Tim Bayly Site

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
C1602007-001A	SS-1	2/1/2016	Air	1ug/M3 by Method TO15			2/4/2016
				1ug/M3 by Method TO15			2/5/2016
C1602007-002A	SS-2			1ug/M3 by Method TO15			2/4/2016
				1ug/M3 by Method TO15			2/5/2016
C1602007-003A	IA-1			1ug/m3 w/ 0.25ug/M3 CT-TCE-VC			2/5/2016
				1ug/m3 w/ 0.25ug/M3 CT-TCE-VC			2/4/2016
C1602007-004A	IA-2			1ug/m3 w/ 0.25ug/M3 CT-TCE-VC			2/5/2016
				1ug/m3 w/ 0.25ug/M3 CT-TCE-VC			2/4/2016
C1602007-005A	IA-3			1ug/m3 w/ 0.25ug/M3 CT-TCE-VC			2/5/2016
				1ug/m3 w/ 0.25ug/M3 CT-TCE-VC			2/4/2016
C1602007-006A	OA-1			1ug/m3 w/ 0.25ug/M3 CT-TCE-VC			2/4/2016

Centek Laboratories, LLC

CENTEK LABORATORIES, LLC

Sample Receipt Checklist

Client Name HANSONVANVLEET | Date and Time Receive 2/3/2016

Work Order Numbe C1602007 | Received by NM

Checklist completed by [signature] 2-3-16 (Signature / Date) | Reviewed by [initials] 2/3/16 (Initials / Date)

Matrix: | Carrier name: FedEx Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Presen ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Presen ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Presen ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☑	

Adjusted? _____ Checked by _____

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

Client contacted YES Date contacted: 2-3-16 Person contacted JIM S

Contacted by: NICK M Regarding: CAN ID ERROR

Comments: CAN ID ERROR CORRECTED ON COC

Corrective Action PROCEED W/ ANALYSIS

CENTEK LABORATORIES, LLC
Air Quality Testing...It's a Gas
143 Midler Park Drive * Syracuse, NY 13206
TEL: 315-431-9730 * FAX: 315-431-9731

CANISTER ORDER

5582

08-Mar-16

SHIPPED TO:

Company: Hanson Van Vleet
Contact: Kirby Van Vleet
Address: 902 Route 146
Clifton Park, NY 12065
Phone: (518) 371-7940
Quote ID: 1947
Project:
PO:

Submitted By:
MadeBy: rjp
Ship Date: 1/27/2016
VIA: FedEx Ground
Due Date: 7/7/2015

Bottle Code	Bottle Type	TEST(s)	QTY
MC1000CC	1L Mini-Can	1ug/M3 by Method TO15	7

Can / Reg ID	Description
202	1L Mini-Can - 1157 VI
207	1L Mini-Can - 1162 VI
234	1L Mini-Can - 1165 VI
236	1L Mini-Can - 1167 VI
339	Time-Set Reg - 736 VI
360	1L Mini-Can - 1309 VI
374	Time-Set Reg - 748 VI
379	Time-Set Reg - 753 VI
382	Time-Set Reg - 756 VI
388	Time-Set Reg - 762 VI
435	Time-Set Reg - 814 VI
471	1L Mini-Can - 1368 VI
544	1L Mini-Can - 112 VI

Comments: 7 1L @ 24hr + shroud, clay, and helium detector WAC 012616 AC

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

ANALYTICAL RESULTS

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	SS-1
Lab Order:	C1602007	**Tag Number:**	544.435
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		2/3/2016
Lab Vacuum Out	-30			"Hg		2/3/2016
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,2,4-Trimethylbenzene	0.91	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,3,5-Trimethylbenzene	0.42	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/5/2016 4:13:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
4-ethyltoluene	0.28	0.15		ppbV	1	2/5/2016 4:13:00 AM
Acetone	14	3.0		ppbV	10	2/4/2016 9:14:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Benzene	0.46	0.15		ppbV	1	2/5/2016 4:13:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Bromoform	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Carbon disulfide	0.35	0.15		ppbV	1	2/5/2016 4:13:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Chloroform	0.13	0.15	J	ppbV	1	2/5/2016 4:13:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Ethyl acetate	0.44	0.25		ppbV	1	2/5/2016 4:13:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	SS-1
Lab Order:	C1602007	**Tag Number:**	544.435
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethylbenzene	0.68	0.15		ppbV	1	2/5/2016 4:13:00 AM
Freon 11	0.37	0.15		ppbV	1	2/5/2016 4:13:00 AM
Freon 113	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Freon 114	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Freon 12	0.56	0.15		ppbV	1	2/5/2016 4:13:00 AM
Heptane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Hexane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Isopropyl alcohol	1.8	0.15		ppbV	1	2/5/2016 4:13:00 AM
m&p-Xylene	2.7	0.30		ppbV	1	2/5/2016 4:13:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/5/2016 4:13:00 AM
Methyl Ethyl Ketone	3.2	3.0		ppbV	10	2/4/2016 9:14:00 PM
Methyl Isobutyl Ketone	0.32	0.30		ppbV	1	2/5/2016 4:13:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Methylene chloride	0.22	0.15		ppbV	1	2/5/2016 4:13:00 AM
o-Xylene	0.85	0.15		ppbV	1	2/5/2016 4:13:00 AM
Propylene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Styrene	1.5	0.15		ppbV	1	2/5/2016 4:13:00 AM
Tetrachloroethylene	0.33	0.15		ppbV	1	2/5/2016 4:13:00 AM
Tetrahydrofuran	1.9	0.15		ppbV	1	2/5/2016 4:13:00 AM
Toluene	2.4	1.5		ppbV	10	2/4/2016 9:14:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Trichloroethene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Surr: Bromofluorobenzene	104	70-130		%REC	1	2/5/2016 4:13:00 AM

Qualifiers:

**	Reporting Limit	,	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT: Hanson Van Vleet
Lab Order: C1602007
Project: Tim Bayly Site
Lab ID: C1602007-001A

Client Sample ID: SS-1
Tag Number: 544.435
Collection Date: 2/1/2016
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/5/2016 4:13:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/5/2016 4:13:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/5/2016 4:13:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/5/2016 4:13:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/5/2016 4:13:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/5/2016 4:13:00 AM
1,2,4-Trimethylbenzene	4.5	0.74		ug/m3	1	2/5/2016 4:13:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/5/2016 4:13:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/5/2016 4:13:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/5/2016 4:13:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/5/2016 4:13:00 AM
1,3,5-Trimethylbenzene	2.1	0.74		ug/m3	1	2/5/2016 4:13:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/5/2016 4:13:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/5/2016 4:13:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/5/2016 4:13:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/5/2016 4:13:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	2/5/2016 4:13:00 AM
4-ethyltoluene	1.4	0.74		ug/m3	1	2/5/2016 4:13:00 AM
Acetone	34	7.1		ug/m3	10	2/4/2016 9:14:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/5/2016 4:13:00 AM
Benzene	1.5	0.48		ug/m3	1	2/5/2016 4:13:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/5/2016 4:13:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/5/2016 4:13:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	2/5/2016 4:13:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	2/5/2016 4:13:00 AM
Carbon disulfide	1.1	0.47		ug/m3	1	2/5/2016 4:13:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	2/5/2016 4:13:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/5/2016 4:13:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	2/5/2016 4:13:00 AM
Chloroform	0.63	0.73	J	ug/m3	1	2/5/2016 4:13:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	2/5/2016 4:13:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/5/2016 4:13:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/5/2016 4:13:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	2/5/2016 4:13:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/5/2016 4:13:00 AM
Ethyl acetate	1.6	0.90		ug/m3	1	2/5/2016 4:13:00 AM
Ethylbenzene	3.0	0.65		ug/m3	1	2/5/2016 4:13:00 AM
Freon 11	2.1	0.84		ug/m3	1	2/5/2016 4:13:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	2/5/2016 4:13:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	2/5/2016 4:13:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	SS-1
Lab Order:	C1602007	**Tag Number:**	544.435
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	2.8	0.74		ug/m3	1	2/5/2016 4:13:00 AM
Heptane	< 0.61	0.61		ug/m3	1	2/5/2016 4:13:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/5/2016 4:13:00 AM
Hexane	< 0.53	0.53		ug/m3	1	2/5/2016 4:13:00 AM
Isopropyl alcohol	4.4	0.37		ug/m3	1	2/5/2016 4:13:00 AM
m&p-Xylene	12	1.3		ug/m3	1	2/5/2016 4:13:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/5/2016 4:13:00 AM
Methyl Ethyl Ketone	9.4	8.8		ug/m3	10	2/4/2016 9:14:00 PM
Methyl Isobutyl Ketone	1.3	1.2		ug/m3	1	2/5/2016 4:13:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/5/2016 4:13:00 AM
Methylene chloride	0.76	0.52		ug/m3	1	2/5/2016 4:13:00 AM
o-Xylene	3.7	0.65		ug/m3	1	2/5/2016 4:13:00 AM
Propylene	< 0.26	0.26		ug/m3	1	2/5/2016 4:13:00 AM
Styrene	6.2	0.64		ug/m3	1	2/5/2016 4:13:00 AM
Tetrachloroethylene	2.2	1.0		ug/m3	1	2/5/2016 4:13:00 AM
Tetrahydrofuran	5.7	0.44		ug/m3	1	2/5/2016 4:13:00 AM
Toluene	9.0	5.7		ug/m3	10	2/4/2016 9:14:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/5/2016 4:13:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/5/2016 4:13:00 AM
Trichloroethene	< 0.81	0.81		ug/m3	1	2/5/2016 4:13:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/5/2016 4:13:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/5/2016 4:13:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	2/5/2016 4:13:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	SS-2
Lab Order:	C1602007	**Tag Number:**	236.374
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		2/3/2016
Lab Vacuum Out	-30			"Hg		2/3/2016
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,2,4-Trimethylbenzene	1.0	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,3,5-Trimethylbenzene	0.42	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/5/2016 4:52:00 AM
2,2,4-trimethylpentane	0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
4-ethyltoluene	0.33	0.15		ppbV	1	2/5/2016 4:52:00 AM
Acetone	18	3.0		ppbV	10	2/4/2016 9:50:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Benzene	0.61	0.15		ppbV	1	2/5/2016 4:52:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Bromoform	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Chloroform	0.14	0.15	J	ppbV	1	2/5/2016 4:52:00 AM
Chloromethane	0.18	0.15		ppbV	1	2/5/2016 4:52:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Cyclohexane	1.6	0.15		ppbV	1	2/5/2016 4:52:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Ethyl acetate	0.79	0.25		ppbV	1	2/5/2016 4:52:00 AM

Qualifiers:

**	Reporting Limit	,	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	SS-2
Lab Order:	C1602007	**Tag Number:**	236.374
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethylbenzene	0.78	0.15		ppbV	1	2/5/2016 4:52:00 AM
Freon 11	0.51	0.15		ppbV	1	2/5/2016 4:52:00 AM
Freon 113	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Freon 114	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Freon 12	0.57	0.15		ppbV	1	2/5/2016 4:52:00 AM
Heptane	0.90	0.15		ppbV	1	2/5/2016 4:52:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Hexane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Isopropyl alcohol	3.1	1.5		ppbV	10	2/4/2016 9:50:00 PM
m&p-Xylene	2.8	0.30		ppbV	1	2/5/2016 4:52:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/5/2016 4:52:00 AM
Methyl Ethyl Ketone	2.7	3.0	J	ppbV	10	2/4/2016 9:50:00 PM
Methyl Isobutyl Ketone	0.32	0.30		ppbV	1	2/5/2016 4:52:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Methylene chloride	1.3	0.15		ppbV	1	2/5/2016 4:52:00 AM
o-Xylene	0.79	0.15		ppbV	1	2/5/2016 4:52:00 AM
Propylene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Styrene	0.92	0.15		ppbV	1	2/5/2016 4:52:00 AM
Tetrachloroethylene	2.5	1.5		ppbV	10	2/4/2016 9:50:00 PM
Tetrahydrofuran	1.9	0.15		ppbV	1	2/5/2016 4:52:00 AM
Toluene	3.3	1.5		ppbV	10	2/4/2016 9:50:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Trichloroethene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Surr: Bromofluorobenzene	103	70-130		%REC	1	2/5/2016 4:52:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	SS-2
Lab Order:	C1602007	**Tag Number:**	236.374
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/5/2016 4:52:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/5/2016 4:52:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/5/2016 4:52:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/5/2016 4:52:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/5/2016 4:52:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/5/2016 4:52:00 AM
1,2,4-Trimethylbenzene	5.0	0.74		ug/m3	1	2/5/2016 4:52:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/5/2016 4:52:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/5/2016 4:52:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/5/2016 4:52:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/5/2016 4:52:00 AM
1,3,5-Trimethylbenzene	2.1	0.74		ug/m3	1	2/5/2016 4:52:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/5/2016 4:52:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/5/2016 4:52:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/5/2016 4:52:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/5/2016 4:52:00 AM
2,2,4-trimethylpentane	0.70	0.70		ug/m3	1	2/5/2016 4:52:00 AM
4-ethyltoluene	1.6	0.74		ug/m3	1	2/5/2016 4:52:00 AM
Acetone	43	7.1		ug/m3	10	2/4/2016 9:50:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/5/2016 4:52:00 AM
Benzene	1.9	0.48		ug/m3	1	2/5/2016 4:52:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/5/2016 4:52:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/5/2016 4:52:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	2/5/2016 4:52:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	2/5/2016 4:52:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/5/2016 4:52:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	2/5/2016 4:52:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/5/2016 4:52:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	2/5/2016 4:52:00 AM
Chloroform	0.68	0.73	J	ug/m3	1	2/5/2016 4:52:00 AM
Chloromethane	0.37	0.31		ug/m3	1	2/5/2016 4:52:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/5/2016 4:52:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/5/2016 4:52:00 AM
Cyclohexane	5.4	0.52		ug/m3	1	2/5/2016 4:52:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/5/2016 4:52:00 AM
Ethyl acetate	2.8	0.90		ug/m3	1	2/5/2016 4:52:00 AM
Ethylbenzene	3.4	0.65		ug/m3	1	2/5/2016 4:52:00 AM
Freon 11	2.9	0.84		ug/m3	1	2/5/2016 4:52:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	2/5/2016 4:52:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	2/5/2016 4:52:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	SS-2
Lab Order:	C1602007	**Tag Number:**	236.374
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Freon 12	2.8	0.74		ug/m3	1	2/5/2016 4:52:00 AM
Heptane	3.7	0.61		ug/m3	1	2/5/2016 4:52:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/5/2016 4:52:00 AM
Hexane	< 0.53	0.53		ug/m3	1	2/5/2016 4:52:00 AM
Isopropyl alcohol	7.6	3.7		ug/m3	10	2/4/2016 9:50:00 PM
m&p-Xylene	12	1.3		ug/m3	1	2/5/2016 4:52:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/5/2016 4:52:00 AM
Methyl Ethyl Ketone	8.0	8.8	J	ug/m3	10	2/4/2016 9:50:00 PM
Methyl Isobutyl Ketone	1.3	1.2		ug/m3	1	2/5/2016 4:52:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/5/2016 4:52:00 AM
Methylene chloride	4.5	0.52		ug/m3	1	2/5/2016 4:52:00 AM
o-Xylene	3.4	0.65		ug/m3	1	2/5/2016 4:52:00 AM
Propylene	< 0.26	0.26		ug/m3	1	2/5/2016 4:52:00 AM
Styrene	3.9	0.64		ug/m3	1	2/5/2016 4:52:00 AM
Tetrachloroethylene	17	10		ug/m3	10	2/4/2016 9:50:00 PM
Tetrahydrofuran	5.7	0.44		ug/m3	1	2/5/2016 4:52:00 AM
Toluene	12	5.7		ug/m3	10	2/4/2016 9:50:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/5/2016 4:52:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/5/2016 4:52:00 AM
Trichloroethene	< 0.81	0.81		ug/m3	1	2/5/2016 4:52:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/5/2016 4:52:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/5/2016 4:52:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	2/5/2016 4:52:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-1
Lab Order:	C1602007	**Tag Number:**	471.382
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		2/3/2016
Lab Vacuum Out	-30			"Hg		2/3/2016
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,2,4-Trimethylbenzene	0.17	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/4/2016 6:41:00 PM
2,2,4-trimethylpentane	0.14	0.15	J	ppbV	1	2/4/2016 6:41:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Acetone	4.2	3.0		ppbV	10	2/5/2016 12:33:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Benzene	0.34	0.15		ppbV	1	2/4/2016 6:41:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Bromoform	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Carbon tetrachloride	0.090	0.040		ppbV	1	2/4/2016 6:41:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Chloroform	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Chloromethane	0.54	0.15		ppbV	1	2/4/2016 6:41:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Cyclohexane	0.47	0.15		ppbV	1	2/4/2016 6:41:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Ethyl acetate	3.9	2.5		ppbV	10	2/5/2016 12:33:00 PM

Qualifiers:

**	Reporting Limit	,	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-1
Lab Order:	C1602007	**Tag Number:**	471.382
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethylbenzene	0.13	0.15	J	ppbV	1	2/4/2016 6:41:00 PM
Freon 11	0.36	0.15		ppbV	1	2/4/2016 6:41:00 PM
Freon 113	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Freon 114	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Freon 12	0.61	0.15		ppbV	1	2/4/2016 6:41:00 PM
Heptane	0.46	0.15		ppbV	1	2/4/2016 6:41:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Hexane	0.41	0.15		ppbV	1	2/4/2016 6:41:00 PM
Isopropyl alcohol	1.2	0.15		ppbV	1	2/4/2016 6:41:00 PM
m&p-Xylene	0.46	0.30		ppbV	1	2/4/2016 6:41:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/4/2016 6:41:00 PM
Methyl Ethyl Ketone	0.66	0.30		ppbV	1	2/4/2016 6:41:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	2/4/2016 6:41:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Methylene chloride	0.33	0.15		ppbV	1	2/4/2016 6:41:00 PM
o-Xylene	0.13	0.15	J	ppbV	1	2/4/2016 6:41:00 PM
Propylene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Styrene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Tetrachloroethylene	0.10	0.15	J	ppbV	1	2/4/2016 6:41:00 PM
Tetrahydrofuran	0.18	0.15		ppbV	1	2/4/2016 6:41:00 PM
Toluene	4.4	1.5		ppbV	10	2/5/2016 12:33:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Trichloroethene	< 0.040	0.040		ppbV	1	2/4/2016 6:41:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	2/4/2016 6:41:00 PM
Surr: Bromofluorobenzene	99.0	70-130		%REC	1	2/4/2016 6:41:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-1
Lab Order:	C1602007	**Tag Number:**	471.382
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/4/2016 6:41:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/4/2016 6:41:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/4/2016 6:41:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/4/2016 6:41:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 6:41:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/4/2016 6:41:00 PM
1,2,4-Trimethylbenzene	0.84	0.74		ug/m3	1	2/4/2016 6:41:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/4/2016 6:41:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 6:41:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/4/2016 6:41:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/4/2016 6:41:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	2/4/2016 6:41:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/4/2016 6:41:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 6:41:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 6:41:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/4/2016 6:41:00 PM
2,2,4-trimethylpentane	0.65	0.70	J	ug/m3	1	2/4/2016 6:41:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	2/4/2016 6:41:00 PM
Acetone	10	7.1		ug/m3	10	2/5/2016 12:33:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/4/2016 6:41:00 PM
Benzene	1.1	0.48		ug/m3	1	2/4/2016 6:41:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/4/2016 6:41:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/4/2016 6:41:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/4/2016 6:41:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	2/4/2016 6:41:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/4/2016 6:41:00 PM
Carbon tetrachloride	0.57	0.25		ug/m3	1	2/4/2016 6:41:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/4/2016 6:41:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/4/2016 6:41:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	2/4/2016 6:41:00 PM
Chloromethane	1.1	0.31		ug/m3	1	2/4/2016 6:41:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 6:41:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/4/2016 6:41:00 PM
Cyclohexane	1.6	0.52		ug/m3	1	2/4/2016 6:41:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/4/2016 6:41:00 PM
Ethyl acetate	14	9.0		ug/m3	10	2/5/2016 12:33:00 PM
Ethylbenzene	0.56	0.65	J	ug/m3	1	2/4/2016 6:41:00 PM
Freon 11	2.0	0.84		ug/m3	1	2/4/2016 6:41:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/4/2016 6:41:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/4/2016 6:41:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-1
Lab Order:	C1602007	**Tag Number:**	471.382
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	3.0	0.74		ug/m3	1	2/4/2016 6:41:00 PM
Heptane	1.9	0.61		ug/m3	1	2/4/2016 6:41:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/4/2016 6:41:00 PM
Hexane	1.4	0.53		ug/m3	1	2/4/2016 6:41:00 PM
Isopropyl alcohol	3.0	0.37		ug/m3	1	2/4/2016 6:41:00 PM
m&p-Xylene	2.0	1.3		ug/m3	1	2/4/2016 6:41:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/4/2016 6:41:00 PM
Methyl Ethyl Ketone	1.9	0.88		ug/m3	1	2/4/2016 6:41:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	2/4/2016 6:41:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/4/2016 6:41:00 PM
Methylene chloride	1.1	0.52		ug/m3	1	2/4/2016 6:41:00 PM
o-Xylene	0.56	0.65	J	ug/m3	1	2/4/2016 6:41:00 PM
Propylene	< 0.26	0.26		ug/m3	1	2/4/2016 6:41:00 PM
Styrene	< 0.64	0.64		ug/m3	1	2/4/2016 6:41:00 PM
Tetrachloroethylene	0.68	1.0	J	ug/m3	1	2/4/2016 6:41:00 PM
Tetrahydrofuran	0.53	0.44		ug/m3	1	2/4/2016 6:41:00 PM
Toluene	17	5.7		ug/m3	10	2/5/2016 12:33:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 6:41:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/4/2016 6:41:00 PM
Trichloroethene	< 0.21	0.21		ug/m3	1	2/4/2016 6:41:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/4/2016 6:41:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/4/2016 6:41:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	2/4/2016 6:41:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-2
Lab Order:	C1602007	**Tag Number:**	234.345
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		2/3/2016
Lab Vacuum Out	-30			"Hg		2/3/2016
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,2,4-Trimethylbenzene	0.42	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,3,5-Trimethylbenzene	0.19	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,4-Dioxane	0.14	0.30	J	ppbV	1	2/4/2016 7:20:00 PM
2,2,4-trimethylpentane	0.51	0.15		ppbV	1	2/4/2016 7:20:00 PM
4-ethyltoluene	0.11	0.15	J	ppbV	1	2/4/2016 7:20:00 PM
Acetone	3.3	1.5		ppbV	5	2/5/2016 1:10:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Benzene	0.33	0.15		ppbV	1	2/4/2016 7:20:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Bromoform	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Carbon tetrachloride	0.090	0.040		ppbV	1	2/4/2016 7:20:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Chloroform	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Chloromethane	0.66	0.15		ppbV	1	2/4/2016 7:20:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Cyclohexane	0.33	0.15		ppbV	1	2/4/2016 7:20:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Ethyl acetate	< 0.25	0.25		ppbV	1	2/4/2016 7:20:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-2
Lab Order:	C1602007	**Tag Number:**	234.345
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethylbenzene	0.18	0.15		ppbV	1	2/4/2016 7:20:00 PM
Freon 11	0.37	0.15		ppbV	1	2/4/2016 7:20:00 PM
Freon 113	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Freon 114	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Freon 12	0.61	0.15		ppbV	1	2/4/2016 7:20:00 PM
Heptane	0.49	0.15		ppbV	1	2/4/2016 7:20:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Hexane	0.44	0.15		ppbV	1	2/4/2016 7:20:00 PM
Isopropyl alcohol	0.88	0.15		ppbV	1	2/4/2016 7:20:00 PM
m&p-Xylene	0.59	0.30		ppbV	1	2/4/2016 7:20:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/4/2016 7:20:00 PM
Methyl Ethyl Ketone	0.50	0.30		ppbV	1	2/4/2016 7:20:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	2/4/2016 7:20:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Methylene chloride	0.28	0.15		ppbV	1	2/4/2016 7:20:00 PM
o-Xylene	0.23	0.15		ppbV	1	2/4/2016 7:20:00 PM
Propylene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Styrene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Tetrachloroethylene	0.23	0.15		ppbV	1	2/4/2016 7:20:00 PM
Tetrahydrofuran	0.18	0.15		ppbV	1	2/4/2016 7:20:00 PM
Toluene	4.8	0.75		ppbV	5	2/5/2016 1:10:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Trichloroethene	< 0.040	0.040		ppbV	1	2/4/2016 7:20:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	2/4/2016 7:20:00 PM
Surr: Bromofluorobenzene	104	70-130		%REC	1	2/4/2016 7:20:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-2
Lab Order:	C1602007	**Tag Number:**	234.345
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/4/2016 7:20:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/4/2016 7:20:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/4/2016 7:20:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/4/2016 7:20:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 7:20:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/4/2016 7:20:00 PM
1,2,4-Trimethylbenzene	2.1	0.74		ug/m3	1	2/4/2016 7:20:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/4/2016 7:20:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 7:20:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/4/2016 7:20:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/4/2016 7:20:00 PM
1,3,5-Trimethylbenzene	0.93	0.74		ug/m3	1	2/4/2016 7:20:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/4/2016 7:20:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 7:20:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 7:20:00 PM
1,4-Dioxane	0.50	1.1	J	ug/m3	1	2/4/2016 7:20:00 PM
2,2,4-trimethylpentane	2.4	0.70		ug/m3	1	2/4/2016 7:20:00 PM
4-ethyltoluene	0.54	0.74	J	ug/m3	1	2/4/2016 7:20:00 PM
Acetone	7.8	3.6		ug/m3	5	2/5/2016 1:10:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/4/2016 7:20:00 PM
Benzene	1.1	0.48		ug/m3	1	2/4/2016 7:20:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/4/2016 7:20:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/4/2016 7:20:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/4/2016 7:20:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	2/4/2016 7:20:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/4/2016 7:20:00 PM
Carbon tetrachloride	0.57	0.25		ug/m3	1	2/4/2016 7:20:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/4/2016 7:20:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/4/2016 7:20:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	2/4/2016 7:20:00 PM
Chloromethane	1.4	0.31		ug/m3	1	2/4/2016 7:20:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 7:20:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/4/2016 7:20:00 PM
Cyclohexane	1.1	0.52		ug/m3	1	2/4/2016 7:20:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/4/2016 7:20:00 PM
Ethyl acetate	< 0.90	0.90		ug/m3	1	2/4/2016 7:20:00 PM
Ethylbenzene	0.78	0.65		ug/m3	1	2/4/2016 7:20:00 PM
Freon 11	2.1	0.84		ug/m3	1	2/4/2016 7:20:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/4/2016 7:20:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/4/2016 7:20:00 PM

Qualifiers:

**	Reporting Limit	,	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-2
Lab Order:	C1602007	**Tag Number:**	234.345
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	3.0	0.74		ug/m3	1	2/4/2016 7:20:00 PM
Heptane	2.0	0.61		ug/m3	1	2/4/2016 7:20:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/4/2016 7:20:00 PM
Hexane	1.6	0.53		ug/m3	1	2/4/2016 7:20:00 PM
Isopropyl alcohol	2.2	0.37		ug/m3	1	2/4/2016 7:20:00 PM
m&p-Xylene	2.6	1.3		ug/m3	1	2/4/2016 7:20:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/4/2016 7:20:00 PM
Methyl Ethyl Ketone	1.5	0.88		ug/m3	1	2/4/2016 7:20:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	2/4/2016 7:20:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/4/2016 7:20:00 PM
Methylene chloride	0.97	0.52		ug/m3	1	2/4/2016 7:20:00 PM
o-Xylene	1.0	0.65		ug/m3	1	2/4/2016 7:20:00 PM
Propylene	< 0.26	0.26		ug/m3	1	2/4/2016 7:20:00 PM
Styrene	< 0.64	0.64		ug/m3	1	2/4/2016 7:20:00 PM
Tetrachloroethylene	1.6	1.0		ug/m3	1	2/4/2016 7:20:00 PM
Tetrahydrofuran	0.53	0.44		ug/m3	1	2/4/2016 7:20:00 PM
Toluene	18	2.8		ug/m3	5	2/5/2016 1:10:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 7:20:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/4/2016 7:20:00 PM
Trichloroethene	< 0.21	0.21		ug/m3	1	2/4/2016 7:20:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/4/2016 7:20:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/4/2016 7:20:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	2/4/2016 7:20:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-3
Lab Order:	C1602007	**Tag Number:**	202.379
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		2/3/2016
Lab Vacuum Out	-30			"Hg		2/3/2016
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,2,4-Trimethylbenzene	0.16	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/4/2016 7:58:00 PM
2,2,4-trimethylpentane	0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Acetone	4.2	1.5		ppbV	5	2/5/2016 1:47:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Benzene	0.34	0.15		ppbV	1	2/4/2016 7:58:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Bromoform	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Carbon tetrachloride	0.090	0.040		ppbV	1	2/4/2016 7:58:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Chloroform	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Chloromethane	0.51	0.15		ppbV	1	2/4/2016 7:58:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Cyclohexane	0.31	0.15		ppbV	1	2/4/2016 7:58:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Ethyl acetate	< 0.25	0.25		ppbV	1	2/4/2016 7:58:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-3
Lab Order:	C1602007	**Tag Number:**	202.379
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethylbenzene	0.13	0.15	J	ppbV	1	2/4/2016 7:58:00 PM
Freon 11	0.36	0.15		ppbV	1	2/4/2016 7:58:00 PM
Freon 113	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Freon 114	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Freon 12	0.60	0.15		ppbV	1	2/4/2016 7:58:00 PM
Heptane	0.47	0.15		ppbV	1	2/4/2016 7:58:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Hexane	0.44	0.15		ppbV	1	2/4/2016 7:58:00 PM
Isopropyl alcohol	1.8	0.15		ppbV	1	2/4/2016 7:58:00 PM
m&p-Xylene	0.43	0.30		ppbV	1	2/4/2016 7:58:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/4/2016 7:58:00 PM
Methyl Ethyl Ketone	0.65	0.30		ppbV	1	2/4/2016 7:58:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	2/4/2016 7:58:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Methylene chloride	0.38	0.15		ppbV	1	2/4/2016 7:58:00 PM
o-Xylene	0.17	0.15		ppbV	1	2/4/2016 7:58:00 PM
Propylene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Styrene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Tetrachloroethylene	0.11	0.15	J	ppbV	1	2/4/2016 7:58:00 PM
Tetrahydrofuran	0.28	0.15		ppbV	1	2/4/2016 7:58:00 PM
Toluene	4.2	0.75		ppbV	5	2/5/2016 1:47:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Trichloroethene	< 0.040	0.040		ppbV	1	2/4/2016 7:58:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	2/4/2016 7:58:00 PM
Surr: Bromofluorobenzene	101	70-130		%REC	1	2/4/2016 7:58:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-3
Lab Order:	C1602007	**Tag Number:**	202.379
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/4/2016 7:58:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/4/2016 7:58:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/4/2016 7:58:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/4/2016 7:58:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 7:58:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/4/2016 7:58:00 PM
1,2,4-Trimethylbenzene	0.79	0.74		ug/m3	1	2/4/2016 7:58:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/4/2016 7:58:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 7:58:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/4/2016 7:58:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/4/2016 7:58:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	2/4/2016 7:58:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/4/2016 7:58:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 7:58:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 7:58:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/4/2016 7:58:00 PM
2,2,4-trimethylpentane	0.70	0.70		ug/m3	1	2/4/2016 7:58:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	2/4/2016 7:58:00 PM
Acetone	9.9	3.6		ug/m3	5	2/5/2016 1:47:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/4/2016 7:58:00 PM
Benzene	1.1	0.48		ug/m3	1	2/4/2016 7:58:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/4/2016 7:58:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/4/2016 7:58:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/4/2016 7:58:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	2/4/2016 7:58:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/4/2016 7:58:00 PM
Carbon tetrachloride	0.57	0.25		ug/m3	1	2/4/2016 7:58:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/4/2016 7:58:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/4/2016 7:58:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	2/4/2016 7:58:00 PM
Chloromethane	1.1	0.31		ug/m3	1	2/4/2016 7:58:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 7:58:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/4/2016 7:58:00 PM
Cyclohexane	1.1	0.52		ug/m3	1	2/4/2016 7:58:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/4/2016 7:58:00 PM
Ethyl acetate	< 0.90	0.90		ug/m3	1	2/4/2016 7:58:00 PM
Ethylbenzene	0.56	0.65	J	ug/m3	1	2/4/2016 7:58:00 PM
Freon 11	2.0	0.84		ug/m3	1	2/4/2016 7:58:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/4/2016 7:58:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/4/2016 7:58:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-3
Lab Order:	C1602007	**Tag Number:**	202.379
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	3.0	0.74		ug/m3	1	2/4/2016 7:58:00 PM
Heptane	1.9	0.61		ug/m3	1	2/4/2016 7:58:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/4/2016 7:58:00 PM
Hexane	1.6	0.53		ug/m3	1	2/4/2016 7:58:00 PM
Isopropyl alcohol	4.5	0.37		ug/m3	1	2/4/2016 7:58:00 PM
m&p-Xylene	1.9	1.3		ug/m3	1	2/4/2016 7:58:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/4/2016 7:58:00 PM
Methyl Ethyl Ketone	1.6	0.88		ug/m3	1	2/4/2016 7:58:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	2/4/2016 7:58:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/4/2016 7:58:00 PM
Methylene chloride	1.3	0.52		ug/m3	1	2/4/2016 7:58:00 PM
o-Xylene	0.74	0.65		ug/m3	1	2/4/2016 7:58:00 PM
Propylene	< 0.26	0.26		ug/m3	1	2/4/2016 7:58:00 PM
Styrene	< 0.64	0.64		ug/m3	1	2/4/2016 7:58:00 PM
Tetrachloroethylene	0.75	1.0	J	ug/m3	1	2/4/2016 7:58:00 PM
Tetrahydrofuran	0.83	0.44		ug/m3	1	2/4/2016 7:58:00 PM
Toluene	16	2.8		ug/m3	5	2/5/2016 1:47:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 7:58:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/4/2016 7:58:00 PM
Trichloroethene	< 0.21	0.21		ug/m3	1	2/4/2016 7:58:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/4/2016 7:58:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/4/2016 7:58:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	2/4/2016 7:58:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	OA-1
Lab Order:	C1602007	**Tag Number:**	360.388
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-2			"Hg		2/3/2016
Lab Vacuum Out	-30			"Hg		2/3/2016
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,2,4-Trimethylbenzene	0.12	0.15	J	ppbV	1	2/4/2016 8:37:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/4/2016 8:37:00 PM
2,2,4-trimethylpentane	0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Acetone	2.6	0.30		ppbV	1	2/4/2016 8:37:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Benzene	0.34	0.15		ppbV	1	2/4/2016 8:37:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Bromoform	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Carbon tetrachloride	0.090	0.040		ppbV	1	2/4/2016 8:37:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Chloroform	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Chloromethane	0.54	0.15		ppbV	1	2/4/2016 8:37:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Cyclohexane	0.35	0.15		ppbV	1	2/4/2016 8:37:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Ethyl acetate	< 0.25	0.25		ppbV	1	2/4/2016 8:37:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	OA-1
Lab Order:	C1602007	**Tag Number:**	360.388
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethylbenzene	0.12	0.15	J	ppbV	1	2/4/2016 8:37:00 PM
Freon 11	0.34	0.15		ppbV	1	2/4/2016 8:37:00 PM
Freon 113	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Freon 114	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Freon 12	0.58	0.15		ppbV	1	2/4/2016 8:37:00 PM
Heptane	0.32	0.15		ppbV	1	2/4/2016 8:37:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Hexane	0.40	0.15		ppbV	1	2/4/2016 8:37:00 PM
Isopropyl alcohol	1.2	0.15		ppbV	1	2/4/2016 8:37:00 PM
m&p-Xylene	0.37	0.30		ppbV	1	2/4/2016 8:37:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/4/2016 8:37:00 PM
Methyl Ethyl Ketone	0.30	0.30		ppbV	1	2/4/2016 8:37:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	2/4/2016 8:37:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Methylene chloride	0.30	0.15		ppbV	1	2/4/2016 8:37:00 PM
o-Xylene	0.14	0.15	J	ppbV	1	2/4/2016 8:37:00 PM
Propylene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Styrene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Tetrahydrofuran	0.27	0.15		ppbV	1	2/4/2016 8:37:00 PM
Toluene	0.61	0.15		ppbV	1	2/4/2016 8:37:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Trichloroethene	< 0.040	0.040		ppbV	1	2/4/2016 8:37:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	2/4/2016 8:37:00 PM
Surr: Bromofluorobenzene	93.0	70-130		%REC	1	2/4/2016 8:37:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	OA-1
Lab Order:	C1602007	**Tag Number:**	360.388
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/4/2016 8:37:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/4/2016 8:37:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/4/2016 8:37:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/4/2016 8:37:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 8:37:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/4/2016 8:37:00 PM
1,2,4-Trimethylbenzene	0.59	0.74	J	ug/m3	1	2/4/2016 8:37:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/4/2016 8:37:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 8:37:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/4/2016 8:37:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/4/2016 8:37:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	2/4/2016 8:37:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/4/2016 8:37:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 8:37:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 8:37:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/4/2016 8:37:00 PM
2,2,4-trimethylpentane	0.70	0.70		ug/m3	1	2/4/2016 8:37:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	2/4/2016 8:37:00 PM
Acetone	6.2	0.71		ug/m3	1	2/4/2016 8:37:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/4/2016 8:37:00 PM
Benzene	1.1	0.48		ug/m3	1	2/4/2016 8:37:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/4/2016 8:37:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/4/2016 8:37:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/4/2016 8:37:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	2/4/2016 8:37:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/4/2016 8:37:00 PM
Carbon tetrachloride	0.57	0.25		ug/m3	1	2/4/2016 8:37:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/4/2016 8:37:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/4/2016 8:37:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	2/4/2016 8:37:00 PM
Chloromethane	1.1	0.31		ug/m3	1	2/4/2016 8:37:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 8:37:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/4/2016 8:37:00 PM
Cyclohexane	1.2	0.52		ug/m3	1	2/4/2016 8:37:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/4/2016 8:37:00 PM
Ethyl acetate	< 0.90	0.90		ug/m3	1	2/4/2016 8:37:00 PM
Ethylbenzene	0.52	0.65	J	ug/m3	1	2/4/2016 8:37:00 PM
Freon 11	1.9	0.84		ug/m3	1	2/4/2016 8:37:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/4/2016 8:37:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/4/2016 8:37:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	OA-1
Lab Order:	C1602007	**Tag Number:**	360.388
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	2.9	0.74		ug/m3	1	2/4/2016 8:37:00 PM
Heptane	1.3	0.61		ug/m3	1	2/4/2016 8:37:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/4/2016 8:37:00 PM
Hexane	1.4	0.53		ug/m3	1	2/4/2016 8:37:00 PM
Isopropyl alcohol	2.9	0.37		ug/m3	1	2/4/2016 8:37:00 PM
m&p-Xylene	1.6	1.3		ug/m3	1	2/4/2016 8:37:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/4/2016 8:37:00 PM
Methyl Ethyl Ketone	0.88	0.88		ug/m3	1	2/4/2016 8:37:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	2/4/2016 8:37:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/4/2016 8:37:00 PM
Methylene chloride	1.0	0.52		ug/m3	1	2/4/2016 8:37:00 PM
o-Xylene	0.61	0.65	J	ug/m3	1	2/4/2016 8:37:00 PM
Propylene	< 0.26	0.26		ug/m3	1	2/4/2016 8:37:00 PM
Styrene	< 0.64	0.64		ug/m3	1	2/4/2016 8:37:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	2/4/2016 8:37:00 PM
Tetrahydrofuran	0.80	0.44		ug/m3	1	2/4/2016 8:37:00 PM
Toluene	2.3	0.57		ug/m3	1	2/4/2016 8:37:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 8:37:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/4/2016 8:37:00 PM
Trichloroethene	< 0.21	0.21		ug/m3	1	2/4/2016 8:37:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/4/2016 8:37:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/4/2016 8:37:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	2/4/2016 8:37:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

QUALITY CONTROL SUMMARY

Date: 03-Mar-16

CENTEK LABORATORIES, LLC

QC SUMMARY REPORT
SURROGATE RECOVERIES

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site
Test No: TO-15 **Matrix:** A

Sample ID	BR4FBZ
ALCS1UG-020416	94.0
ALCS1UG-020516	98.0
ALCS1UGD-020416	102
ALCS1UGD-020516	105
AMB1UG-020416	80.0
AMB1UG-020516	79.0
C1602007-001A	104
C1602007-002A	103
C1602007-003A	99.0
C1602007-004A	104
C1602007-005A	101
C1602007-006A	93.0

Acronym	Surrogate	QC Limits
BR4FBZ	= Bromofluorobenzene	70-130

*** Surrogate recovery outside acceptance limits**

1

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\AN020406.D
Tune Time : 4 Feb 2016 12:05 pm

Daily Calibration File : C:\HPCHEM\1\DATA\AN020406.D

			(BFB)	(IS1)	(IS2)	(IS3)
				25913	112188	75689
File	Sample	DL	Surrogate Recovery %	Internal Standard Responses		
AN020413.D	ALCS1UG-020416		94	25053	108479	80716
AN020414.D	AMB1UG-020416		80	24415	107761	90668
AN020416.D	C1602007-003A		99	24028	106788	79083
AN020417.D	C1602007-004A		104	23656	103509	74570
AN020418.D	C1602007-005A		101	24703	106708	78262
AN020419.D	C1602007-006A		93	24822	104074	79714
AN020420.D	C1602007-001A	10X	90	22669	100374	88071
AN020421.D	C1602007-002A	10X	95	23052	103428	89507
AN020431.D	C1602007-001A		104	30857	141082	88613
AN020432.D	C1602007-002A		103	30322	136606	88623
AN020436.D	ALCS1UGD-020416		102	29334	129405	88021

t - fails 24hr time check * - fails criteria

Created: Thu Mar 03 09:57:12 2016 MSD #1/

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\AN020502.D
Tune Time : 5 Feb 2016 9:58 am

Daily Calibration File : C:\HPCHEM\1\DATA\AN020502.D

			(BFB)	(IS1)	(IS2)	(IS3)
				26235	110874	78419
File	Sample	DL	Surrogate Recovery %	Internal Standard Responses		
AN020503.D	ALCS1UG-020516		98	26058	109201	72263
AN020504.D	AMB1UG-020516		79	26093	113355	93696
AN020506.D	C1602007-003A	10X	80	22659	100420	84805
AN020507.D	C1602007-004A	5X	82	22005	97670	83501
AN020508.D	C1602007-005A	5X	81	23100	100150	86417
AN020522.D	ALCS1UGD-020516		105	23663	97942	65771

t - fails 24hr time check * - fails criteria

Created: Thu Mar 03 09:58:45 2016 MSD #1/

CENTEK LABORATORIES, LLC

Date: *03-Mar-16*

ANALYTICAL QC SUMMARY REPORT

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID	ALCS1UG-020416	SampType:	LCS	TestCode:	0.25CT-TCE-	Units:	ppbV	Prep Date:		RunNo:	10619
Client ID:	ZZZZZ	Batch ID:	R10619	TestNo:	TO-15			Analysis Date:	2/4/2016	SeqNo:	124920

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.9000	0.15	1	0	90.0	70	130				
1,1,2,2-Tetrachloroethane	0.8800	0.15	1	0	88.0	70	130				
1,1,2-Trichloroethane	0.9500	0.15	1	0	95.0	70	130				
1,1-Dichloroethane	0.9600	0.15	1	0	96.0	70	130				
1,1-Dichloroethene	0.9700	0.15	1	0	97.0	70	130				
1,2,4-Trichlorobenzene	0.8500	0.15	1	0	85.0	70	130				
1,2,4-Trimethylbenzene	0.9300	0.15	1	0	93.0	70	130				
1,2-Dibromoethane	0.8800	0.15	1	0	88.0	70	130				
1,2-Dichlorobenzene	1.020	0.15	1	0	102	70	130				
1,2-Dichloroethane	0.9200	0.15	1	0	92.0	70	130				
1,2-Dichloropropane	0.9100	0.15	1	0	91.0	70	130				
1,3,5-Trimethylbenzene	0.9200	0.15	1	0	92.0	70	130				
1,3-butadiene	0.9700	0.15	1	0	97.0	70	130				
1,3-Dichlorobenzene	0.9000	0.15	1	0	90.0	70	130				
1,4-Dichlorobenzene	0.8800	0.15	1	0	88.0	70	130				
1,4-Dioxane	0.8100	0.30	1	0	81.0	70	130				
2,2,4-trimethylpentane	0.9500	0.15	1	0	95.0	70	130				
4-ethyltoluene	0.9200	0.15	1	0	92.0	70	130				
Acetone	0.9400	0.30	1	0	94.0	70	130				
Allyl chloride	1.040	0.15	1	0	104	70	130				
Benzene	0.9200	0.15	1	0	92.0	70	130				
Benzyl chloride	0.9100	0.15	1	0	91.0	70	130				
Bromodichloromethane	0.9600	0.15	1	0	96.0	70	130				
Bromoform	0.9500	0.15	1	0	95.0	70	130				
Bromomethane	0.9900	0.15	1	0	99.0	70	130				

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID ALCS1UG-020416	SampType: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10619
Client ID: ZZZZZ	Batch ID: R10619	TestNo: TO-15		Analysis Date: 2/4/2016	SeqNo: 124920

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	0.9500	0.15	1	0	95.0	70	130				
Carbon tetrachloride	0.9200	0.040	1	0	92.0	70	130				
Chlorobenzene	0.9500	0.15	1	0	95.0	70	130				
Chloroethane	1.040	0.15	1	0	104	70	130				
Chloroform	0.9300	0.15	1	0	93.0	70	130				
Chloromethane	0.9100	0.15	1	0	91.0	70	130				
cis-1,2-Dichloroethene	0.9300	0.15	1	0	93.0	70	130				
cis-1,3-Dichloropropene	0.9200	0.15	1	0	92.0	70	130				
Cyclohexane	0.9400	0.15	1	0	94.0	70	130				
Dibromochloromethane	0.9600	0.15	1	0	96.0	70	130				
Ethyl acetate	0.9900	0.25	1	0	99.0	70	130				
Ethylbenzene	0.9800	0.15	1	0	98.0	70	130				
Freon 11	1.040	0.15	1	0	104	70	130				
Freon 113	1.170	0.15	1	0	117	70	130				
Freon 114	0.9500	0.15	1	0	95.0	70	130				
Freon 12	0.9700	0.15	1	0	97.0	70	130				
Heptane	0.9000	0.15	1	0	90.0	70	130				
Hexachloro-1,3-butadiene	0.8600	0.15	1	0	86.0	70	130				
Hexane	0.9200	0.15	1	0	92.0	70	130				
Isopropyl alcohol	0.9800	0.15	1	0	98.0	70	130				
m&p-Xylene	2.030	0.30	2	0	102	70	130				
Methyl Butyl Ketone	0.5800	0.30	1	0	58.0	70	130				S
Methyl Ethyl Ketone	1.040	0.30	1	0	104	70	130				
Methyl Isobutyl Ketone	0.7500	0.30	1	0	75.0	70	130				
Methyl tert-butyl ether	0.9700	0.15	1	0	97.0	70	130				
Methylene chloride	1.040	0.15	1	0	104	70	130				
o-Xylene	0.9800	0.15	1	0	98.0	70	130				
Propylene	0.9600	0.15	1	0	96.0	70	130				
Styrene	0.9100	0.15	1	0	91.0	70	130				
Tetrachloroethylene	0.8300	0.15	1	0	83.0	70	130				
Tetrahydrofuran	0.9100	0.15	1	0	91.0	70	130				

Qualifiers:
. Results reported are not blank corrected
J Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

Centek Laboratories, LLC

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID ALCS1UG-020416	SampType: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10619
Client ID: ZZZZZ	Batch ID: R10619	TestNo: TO-15		Analysis Date: 2/4/2016	SeqNo: 124920

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	0.8800	0.15	1	0	88.0	70	130				
trans-1,2-Dichloroethene	0.9400	0.15	1	0	94.0	70	130				
trans-1,3-Dichloropropene	0.9700	0.15	1	0	97.0	70	130				
Trichloroethene	0.8800	0.040	1	0	88.0	70	130				
Vinyl acetate	0.8500	0.15	1	0	85.0	70	130				
Vinyl Bromide	0.9800	0.15	1	0	98.0	70	130				
Vinyl chloride	0.9400	0.040	1	0	94.0	70	130				

Sample ID ALCS1UG-020516	SampType: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10620
Client ID: ZZZZZ	Batch ID: R10620	TestNo: TO-15		Analysis Date: 2/5/2016	SeqNo: 124930

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.9200	0.15	1	0	92.0	70	130				
1,1,2,2-Tetrachloroethane	0.8600	0.15	1	0	86.0	70	130				
1,1,2-Trichloroethane	0.8800	0.15	1	0	88.0	70	130				
1,1-Dichloroethane	0.9600	0.15	1	0	96.0	70	130				
1,1-Dichloroethene	0.9500	0.15	1	0	95.0	70	130				
1,2,4-Trichlorobenzene	0.9100	0.15	1	0	91.0	70	130				
1,2,4-Trimethylbenzene	0.9100	0.15	1	0	91.0	70	130				
1,2-Dibromoethane	0.9600	0.15	1	0	96.0	70	130				
1,2-Dichlorobenzene	0.9500	0.15	1	0	95.0	70	130				
1,2-Dichloroethane	0.8800	0.15	1	0	88.0	70	130				
1,2-Dichloropropane	0.9500	0.15	1	0	95.0	70	130				
1,3,5-Trimethylbenzene	0.8800	0.15	1	0	88.0	70	130				
1,3-butadiene	0.9300	0.15	1	0	93.0	70	130				
1,3-Dichlorobenzene	0.9600	0.15	1	0	96.0	70	130				
1,4-Dichlorobenzene	0.9500	0.15	1	0	95.0	70	130				
1,4-Dioxane	1.110	0.30	1	0	111	70	130				
2,2,4-trimethylpentane	0.9600	0.15	1	0	96.0	70	130				
4-ethyltoluene	0.8800	0.15	1	0	88.0	70	130				

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

Centek Laboratories, LLC

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID **ALCS1UG-020516** SampType: **LCS** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **10620**
Client ID: **ZZZZZ** Batch ID: **R10620** TestNo: **TO-15** Analysis Date: **2/5/2016** SeqNo: **124930**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	1.020	0.30	1	0	102	70	130				
Allyl chloride	1.040	0.15	1	0	104	70	130				
Benzene	0.9600	0.15	1	0	96.0	70	130				
Benzyl chloride	0.9600	0.15	1	0	96.0	70	130				
Bromodichloromethane	0.9900	0.15	1	0	99.0	70	130				
Bromoform	0.9200	0.15	1	0	92.0	70	130				
Bromomethane	1.030	0.15	1	0	103	70	130				
Carbon disulfide	0.9500	0.15	1	0	95.0	70	130				
Carbon tetrachloride	0.9300	0.040	1	0	93.0	70	130				
Chlorobenzene	0.9100	0.15	1	0	91.0	70	130				
Chloroethane	1.050	0.15	1	0	105	70	130				
Chloroform	0.9200	0.15	1	0	92.0	70	130				
Chloromethane	0.8300	0.15	1	0	83.0	70	130				
cis-1,2-Dichloroethene	0.9400	0.15	1	0	94.0	70	130				
cis-1,3-Dichloropropene	0.9300	0.15	1	0	93.0	70	130				
Cyclohexane	0.9700	0.15	1	0	97.0	70	130				
Dibromochloromethane	0.9600	0.15	1	0	96.0	70	130				
Ethyl acetate	1.030	0.25	1	0	103	70	130				
Ethylbenzene	0.9000	0.15	1	0	90.0	70	130				
Freon 11	1.020	0.15	1	0	102	70	130				
Freon 113	1.040	0.15	1	0	104	70	130				
Freon 114	0.9100	0.15	1	0	91.0	70	130				
Freon 12	0.9600	0.15	1	0	96.0	70	130				
Heptane	0.9200	0.15	1	0	92.0	70	130				
Hexachloro-1,3-butadiene	1.000	0.15	1	0	100	70	130				
Hexane	0.9400	0.15	1	0	94.0	70	130				
Isopropyl alcohol	1.000	0.15	1	0	100	70	130				
m&p-Xylene	1.810	0.30	2	0	90.5	70	130				
Methyl Butyl Ketone	1.180	0.30	1	0	118	70	130				
Methyl Ethyl Ketone	1.010	0.30	1	0	101	70	130				
Methyl Isobutyl Ketone	1.270	0.30	1	0	127	70	130				

Qualifiers:
. Results reported are not blank corrected
J Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID	ALCS1UG-020516	SampType:	LCS	TestCode:	0.25CT-TCE-	Units:	ppbV	Prep Date:		RunNo:	10620
Client ID:	ZZZZZ	Batch ID:	R10620	TestNo:	TO-15			Analysis Date:	2/5/2016	SeqNo:	124930

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	0.9500	0.15	1	0	95.0	70	130				
Methylene chloride	1.060	0.15	1	0	106	70	130				
o-Xylene	0.9100	0.15	1	0	91.0	70	130				
Propylene	0.9400	0.15	1	0	94.0	70	130				
Styrene	0.9000	0.15	1	0	90.0	70	130				
Tetrachloroethylene	0.9700	0.15	1	0	97.0	70	130				
Tetrahydrofuran	0.9000	0.15	1	0	90.0	70	130				
Toluene	1.060	0.15	1	0	106	70	130				
trans-1,2-Dichloroethene	0.9200	0.15	1	0	92.0	70	130				
trans-1,3-Dichloropropene	0.9700	0.15	1	0	97.0	70	130				
Trichloroethene	0.9400	0.040	1	0	94.0	70	130				
Vinyl acetate	0.8500	0.15	1	0	85.0	70	130				
Vinyl Bromide	0.9900	0.15	1	0	99.0	70	130				
Vinyl chloride	0.9100	0.040	1	0	91.0	70	130				

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

Centek Laboratories, LLC

CENTEK LABORATORIES, LLC

Date: *03-Mar-16*

ANALYTICAL QC SUMMARY REPORT

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID ALCS1UGD-020416	SampType: LCSD	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10619
Client ID: ZZZZZ	Batch ID: R10619	TestNo: TO-15		Analysis Date: 2/5/2016	SeqNo: 124921

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.8700	0.15	1	0	87.0	70	130	0.9	3.39	30	
1,1,2,2-Tetrachloroethane	0.8600	0.15	1	0	86.0	70	130	0.88	2.30	30	
1,1,2-Trichloroethane	0.8900	0.15	1	0	89.0	70	130	0.95	6.52	30	
1,1-Dichloroethane	0.9500	0.15	1	0	95.0	70	130	0.96	1.05	30	
1,1-Dichloroethene	0.9300	0.15	1	0	93.0	70	130	0.97	4.21	30	
1,2,4-Trichlorobenzene	0.8200	0.15	1	0	82.0	70	130	0.85	3.59	30	
1,2,4-Trimethylbenzene	0.9000	0.15	1	0	90.0	70	130	0.93	3.28	30	
1,2-Dibromoethane	0.9200	0.15	1	0	92.0	70	130	0.88	4.44	30	
1,2-Dichlorobenzene	0.8700	0.15	1	0	87.0	70	130	1.02	15.9	30	
1,2-Dichloroethane	0.8900	0.15	1	0	89.0	70	130	0.92	3.31	30	
1,2-Dichloropropane	0.8900	0.15	1	0	89.0	70	130	0.91	2.22	30	
1,3,5-Trimethylbenzene	0.9100	0.15	1	0	91.0	70	130	0.92	1.09	30	
1,3-butadiene	0.8400	0.15	1	0	84.0	70	130	0.97	14.4	30	
1,3-Dichlorobenzene	0.9400	0.15	1	0	94.0	70	130	0.9	4.35	30	
1,4-Dichlorobenzene	0.9300	0.15	1	0	93.0	70	130	0.88	5.52	30	
1,4-Dioxane	0.8600	0.30	1	0	86.0	70	130	0.81	5.99	30	
2,2,4-trimethylpentane	0.8900	0.15	1	0	89.0	70	130	0.95	6.52	30	
4-ethyltoluene	0.9400	0.15	1	0	94.0	70	130	0.92	2.15	30	
Acetone	0.8700	0.30	1	0	87.0	70	130	0.94	7.73	30	
Allyl chloride	0.8900	0.15	1	0	89.0	70	130	1.04	15.5	30	
Benzene	0.9100	0.15	1	0	91.0	70	130	0.92	1.09	30	
Benzyl chloride	0.9200	0.15	1	0	92.0	70	130	0.91	1.09	30	
Bromodichloromethane	0.9300	0.15	1	0	93.0	70	130	0.96	3.17	30	
Bromoform	0.9100	0.15	1	0	91.0	70	130	0.95	4.30	30	
Bromomethane	0.9200	0.15	1	0	92.0	70	130	0.99	7.33	30	

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID ALCS1UGD-020416	SampType: LCSD	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10619
Client ID: ZZZZZ	Batch ID: R10619	TestNo: TO-15		Analysis Date: 2/5/2016	SeqNo: 124921

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	0.9400	0.15	1	0	94.0	70	130	0.95	1.06	30	
Carbon tetrachloride	0.9100	0.040	1	0	91.0	70	130	0.92	1.09	30	
Chlorobenzene	0.9100	0.15	1	0	91.0	70	130	0.95	4.30	30	
Chloroethane	0.9400	0.15	1	0	94.0	70	130	1.04	10.1	30	
Chloroform	0.9300	0.15	1	0	93.0	70	130	0.93	0	30	
Chloromethane	0.8100	0.15	1	0	81.0	70	130	0.91	11.6	30	
cis-1,2-Dichloroethene	0.9500	0.15	1	0	95.0	70	130	0.93	2.13	30	
cis-1,3-Dichloropropene	0.9100	0.15	1	0	91.0	70	130	0.92	1.09	30	
Cyclohexane	0.9800	0.15	1	0	98.0	70	130	0.94	4.17	30	
Dibromochloromethane	0.9200	0.15	1	0	92.0	70	130	0.96	4.26	30	
Ethyl acetate	0.9600	0.25	1	0	96.0	70	130	0.99	3.08	30	
Ethylbenzene	0.9500	0.15	1	0	95.0	70	130	0.98	3.11	30	
Freon 11	0.9400	0.15	1	0	94.0	70	130	1.04	10.1	30	
Freon 113	0.9000	0.15	1	0	90.0	70	130	1.17	26.1	30	
Freon 114	0.9100	0.15	1	0	91.0	70	130	0.95	4.30	30	
Freon 12	0.9800	0.15	1	0	98.0	70	130	0.97	1.03	30	
Heptane	0.8200	0.15	1	0	82.0	70	130	0.9	9.30	30	
Hexachloro-1,3-butadiene	0.9000	0.15	1	0	90.0	70	130	0.86	4.55	30	
Hexane	0.9600	0.15	1	0	96.0	70	130	0.92	4.26	30	
Isopropyl alcohol	0.9000	0.15	1	0	90.0	70	130	0.98	8.51	30	
m&p-Xylene	1.990	0.30	2	0	99.5	70	130	2.03	1.99	30	
Methyl Butyl Ketone	0.9200	0.30	1	0	92.0	70	130	0.58	45.3	30	R
Methyl Ethyl Ketone	1.020	0.30	1	0	102	70	130	1.04	1.94	30	
Methyl Isobutyl Ketone	0.9800	0.30	1	0	98.0	70	130	0.75	26.6	30	
Methyl tert-butyl ether	0.9800	0.15	1	0	98.0	70	130	0.97	1.03	30	
Methylene chloride	0.9600	0.15	1	0	96.0	70	130	1.04	8.00	30	
o-Xylene	1.010	0.15	1	0	101	70	130	0.98	3.02	30	
Propylene	0.8700	0.15	1	0	87.0	70	130	0.96	9.84	30	
Styrene	0.9700	0.15	1	0	97.0	70	130	0.91	6.38	30	
Tetrachloroethylene	0.9500	0.15	1	0	95.0	70	130	0.83	13.5	30	
Tetrahydrofuran	0.9300	0.15	1	0	93.0	70	130	0.91	2.17	30	

Qualifiers:
- . Results reported are not blank corrected
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UGD-020416	SampType: LCSD	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10619
Client ID: ZZZZZ	Batch ID: R10619	TestNo: TO-15		Analysis Date: 2/5/2016	SeqNo: 124921

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	0.9900	0.15	1	0	99.0	70	130	0.88	11.8	30	
trans-1,2-Dichloroethene	0.9500	0.15	1	0	95.0	70	130	0.94	1.06	30	
trans-1,3-Dichloropropene	0.9200	0.15	1	0	92.0	70	130	0.97	5.29	30	
Trichloroethene	0.9000	0.040	1	0	90.0	70	130	0.88	2.25	30	
Vinyl acetate	0.8500	0.15	1	0	85.0	70	130	0.85	0	30	
Vinyl Bromide	0.8900	0.15	1	0	89.0	70	130	0.98	9.63	30	
Vinyl chloride	0.8900	0.040	1	0	89.0	70	130	0.94	5.46	30	

Sample ID: ALCS1UGD-020516	SampType: LCSD	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10620
Client ID: ZZZZZ	Batch ID: R10620	TestNo: TO-15		Analysis Date: 2/5/2016	SeqNo: 124931

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.9400	0.15	1	0	94.0	70	130	0.92	2.15	30	
1,1,2,2-Tetrachloroethane	0.9800	0.15	1	0	98.0	70	130	0.86	13.0	30	
1,1,2-Trichloroethane	0.9400	0.15	1	0	94.0	70	130	0.88	6.59	30	
1,1-Dichloroethane	0.9800	0.15	1	0	98.0	70	130	0.96	2.06	30	
1,1-Dichloroethene	1.060	0.15	1	0	106	70	130	0.95	10.9	30	
1,2,4-Trichlorobenzene	0.8000	0.15	1	0	80.0	70	130	0.91	12.9	30	
1,2,4-Trimethylbenzene	0.9500	0.15	1	0	95.0	70	130	0.91	4.30	30	
1,2-Dibromoethane	0.9800	0.15	1	0	98.0	70	130	0.96	2.06	30	
1,2-Dichlorobenzene	1.000	0.15	1	0	100	70	130	0.95	5.13	30	
1,2-Dichloroethane	0.8800	0.15	1	0	88.0	70	130	0.88	0	30	
1,2-Dichloropropane	0.9900	0.15	1	0	99.0	70	130	0.95	4.12	30	
1,3,5-Trimethylbenzene	0.9500	0.15	1	0	95.0	70	130	0.88	7.65	30	
1,3-butadiene	1.000	0.15	1	0	100	70	130	0.93	7.25	30	
1,3-Dichlorobenzene	1.020	0.15	1	0	102	70	130	0.96	6.06	30	
1,4-Dichlorobenzene	1.010	0.15	1	0	101	70	130	0.95	6.12	30	
1,4-Dioxane	0.9200	0.30	1	0	92.0	70	130	1.11	18.7	30	
2,2,4-trimethylpentane	0.9700	0.15	1	0	97.0	70	130	0.96	1.04	30	
4-ethyltoluene	0.9700	0.15	1	0	97.0	70	130	0.88	9.73	30	

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

Centek Laboratories, LLC

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID: **ALCS1UGD-020516** SampType: **LCSD** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **10620**
Client ID: **ZZZZZ** Batch ID: **R10620** TestNo: **TO-15** Analysis Date: **2/5/2016** SeqNo: **124931**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	1.010	0.30	1	0	101	70	130	1.02	0.985	30	
Allyl chloride	1.090	0.15	1	0	109	70	130	1.04	4.69	30	
Benzene	0.9800	0.15	1	0	98.0	70	130	0.96	2.06	30	
Benzyl chloride	1.000	0.15	1	0	100	70	130	0.96	4.08	30	
Bromodichloromethane	1.000	0.15	1	0	100	70	130	0.99	1.01	30	
Bromoform	1.030	0.15	1	0	103	70	130	0.92	11.3	30	
Bromomethane	1.050	0.15	1	0	105	70	130	1.03	1.92	30	
Carbon disulfide	0.9800	0.15	1	0	98.0	70	130	0.95	3.11	30	
Carbon tetrachloride	0.9700	0.040	1	0	97.0	70	130	0.93	4.21	30	
Chlorobenzene	0.9400	0.15	1	0	94.0	70	130	0.91	3.24	30	
Chloroethane	1.090	0.15	1	0	109	70	130	1.05	3.74	30	
Chloroform	0.9500	0.15	1	0	95.0	70	130	0.92	3.21	30	
Chloromethane	0.9100	0.15	1	0	91.0	70	130	0.83	9.20	30	
cis-1,2-Dichloroethene	0.9700	0.15	1	0	97.0	70	130	0.94	3.14	30	
cis-1,3-Dichloropropene	0.9400	0.15	1	0	94.0	70	130	0.93	1.07	30	
Cyclohexane	0.9700	0.15	1	0	97.0	70	130	0.97	0	30	
Dibromochloromethane	1.030	0.15	1	0	103	70	130	0.96	7.04	30	
Ethyl acetate	1.000	0.25	1	0	100	70	130	1.03	2.96	30	
Ethylbenzene	0.9700	0.15	1	0	97.0	70	130	0.9	7.49	30	
Freon 11	1.130	0.15	1	0	113	70	130	1.02	10.2	30	
Freon 113	1.250	0.15	1	0	125	70	130	1.04	18.3	30	
Freon 114	1.000	0.15	1	0	100	70	130	0.91	9.42	30	
Freon 12	0.9900	0.15	1	0	99.0	70	130	0.96	3.08	30	
Heptane	0.9100	0.15	1	0	91.0	70	130	0.92	1.09	30	
Hexachloro-1,3-butadiene	1.010	0.15	1	0	101	70	130	1	0.995	30	
Hexane	0.9200	0.15	1	0	92.0	70	130	0.94	2.15	30	
Isopropyl alcohol	0.9800	0.15	1	0	98.0	70	130	1	2.02	30	
m&p-Xylene	2.030	0.30	2	0	102	70	130	1.81	11.5	30	
Methyl Butyl Ketone	1.030	0.30	1	0	103	70	130	1.18	13.6	30	
Methyl Ethyl Ketone	1.030	0.30	1	0	103	70	130	1.01	1.96	30	
Methyl Isobutyl Ketone	1.110	0.30	1	0	111	70	130	1.27	13.4	30	

Qualifiers:
- . Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

Centek Laboratories, LLC

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID	ALCS1UGD-020516	SampType:	LCSD	TestCode:	0.25CT-TCE-	Units:	ppbV	Prep Date:		RunNo:	10620
Client ID:	ZZZZZ	Batch ID:	R10620	TestNo:	TO-15			Analysis Date:	2/5/2016	SeqNo:	124931

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	0.9200	0.15	1	0	92.0	70	130	0.95	3.21	30	
Methylene chloride	1.100	0.15	1	0	110	70	130	1.06	3.70	30	
o-Xylene	1.040	0.15	1	0	104	70	130	0.91	13.3	30	
Propylene	0.9700	0.15	1	0	97.0	70	130	0.94	3.14	30	
Styrene	0.9700	0.15	1	0	97.0	70	130	0.9	7.49	30	
Tetrachloroethylene	1.000	0.15	1	0	100	70	130	0.97	3.05	30	
Tetrahydrofuran	0.9500	0.15	1	0	95.0	70	130	0.9	5.41	30	
Toluene	1.010	0.15	1	0	101	70	130	1.06	4.83	30	
trans-1,2-Dichloroethene	0.9500	0.15	1	0	95.0	70	130	0.92	3.21	30	
trans-1,3-Dichloropropene	0.9500	0.15	1	0	95.0	70	130	0.97	2.08	30	
Trichloroethene	0.9500	0.040	1	0	95.0	70	130	0.94	1.06	30	
Vinyl acetate	0.8300	0.15	1	0	83.0	70	130	0.85	2.38	30	
Vinyl Bromide	1.080	0.15	1	0	108	70	130	0.99	8.70	30	
Vinyl chloride	0.9700	0.040	1	0	97.0	70	130	0.91	6.38	30	

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

Centek Laboratories, LLC

CENTEK LABORATORIES, LLC

Date: *03-Mar-16*

ANALYTICAL QC SUMMARY REPORT

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID	AMB1UG-020416	SampType:	MBLK	TestCode:	0.25CT-TCE-	Units:	ppbV	Prep Date:		RunNo:	10619
Client ID:	ZZZZZ	Batch ID:	R10619	TestNo:	TO-15			Analysis Date:	2/4/2016	SeqNo:	124919

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.15	0.15									
1,1,2,2-Tetrachloroethane	< 0.15	0.15									
1,1,2-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.15	0.15									
1,2,4-Trichlorobenzene	< 0.15	0.15									
1,2,4-Trimethylbenzene	< 0.15	0.15									
1,2-Dibromoethane	< 0.15	0.15									
1,2-Dichlorobenzene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
1,2-Dichloropropane	< 0.15	0.15									
1,3,5-Trimethylbenzene	< 0.15	0.15									
1,3-butadiene	< 0.15	0.15									
1,3-Dichlorobenzene	< 0.15	0.15									
1,4-Dichlorobenzene	< 0.15	0.15									
1,4-Dioxane	< 0.30	0.30									
2,2,4-trimethylpentane	< 0.15	0.15									
4-ethyltoluene	< 0.15	0.15									
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									
Benzyl chloride	< 0.15	0.15									
Bromodichloromethane	< 0.15	0.15									
Bromoform	< 0.15	0.15									
Bromomethane	< 0.15	0.15									

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID: AMB1UG-020416	SampType: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10619
Client ID: ZZZZZ	Batch ID: R10619	TestNo: TO-15		Analysis Date: 2/4/2016	SeqNo: 124919

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	< 0.15	0.15									
Carbon tetrachloride	< 0.040	0.040									
Chlorobenzene	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
Chloroform	< 0.15	0.15									
Chloromethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.15	0.15									
cis-1,3-Dichloropropene	< 0.15	0.15									
Cyclohexane	< 0.15	0.15									
Dibromochloromethane	< 0.15	0.15									
Ethyl acetate	< 0.25	0.25									
Ethylbenzene	< 0.15	0.15									
Freon 11	< 0.15	0.15									
Freon 113	< 0.15	0.15									
Freon 114	< 0.15	0.15									
Freon 12	< 0.15	0.15									
Heptane	< 0.15	0.15									
Hexachloro-1,3-butadiene	< 0.15	0.15									
Hexane	< 0.15	0.15									
Isopropyl alcohol	< 0.15	0.15									
m&p-Xylene	< 0.30	0.30									
Methyl Butyl Ketone	< 0.30	0.30									
Methyl Ethyl Ketone	< 0.30	0.30									
Methyl Isobutyl Ketone	< 0.30	0.30									
Methyl tert-butyl ether	< 0.15	0.15									
Methylene chloride	< 0.15	0.15									
o-Xylene	< 0.15	0.15									
Propylene	< 0.15	0.15									
Styrene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
Tetrahydrofuran	< 0.15	0.15									

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

Centek Laboratories, LLC

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID AMB1UG-020416	SampType: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10619
Client ID: ZZZZZ	Batch ID: R10619	TestNo: TO-15		Analysis Date: 2/4/2016	SeqNo: 124919

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	< 0.15	0.15									
trans-1,2-Dichloroethene	< 0.15	0.15									
trans-1,3-Dichloropropene	< 0.15	0.15									
Trichloroethene	< 0.040	0.040									
Vinyl acetate	< 0.15	0.15									
Vinyl Bromide	< 0.15	0.15									
Vinyl chloride	< 0.040	0.040									

Sample ID AMB1UG-020516	SampType: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10620
Client ID: ZZZZZ	Batch ID: R10620	TestNo: TO-15		Analysis Date: 2/5/2016	SeqNo: 124929

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.15	0.15									
1,1,2,2-Tetrachloroethane	< 0.15	0.15									
1,1,2-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.15	0.15									
1,2,4-Trichlorobenzene	< 0.15	0.15									
1,2,4-Trimethylbenzene	< 0.15	0.15									
1,2-Dibromoethane	< 0.15	0.15									
1,2-Dichlorobenzene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
1,2-Dichloropropane	< 0.15	0.15									
1,3,5-Trimethylbenzene	< 0.15	0.15									
1,3-butadiene	< 0.15	0.15									
1,3-Dichlorobenzene	< 0.15	0.15									
1,4-Dichlorobenzene	< 0.15	0.15									
1,4-Dioxane	< 0.30	0.30									
2,2,4-trimethylpentane	< 0.15	0.15									
4-ethyltoluene	< 0.15	0.15									

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID: AMB1UG-020516	SampType: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10620
Client ID: ZZZZZ	Batch ID: R10620	TestNo: TO-15		Analysis Date: 2/5/2016	SeqNo: 124929

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									
Benzyl chloride	< 0.15	0.15									
Bromodichloromethane	< 0.15	0.15									
Bromoform	< 0.15	0.15									
Bromomethane	< 0.15	0.15									
Carbon disulfide	< 0.15	0.15									
Carbon tetrachloride	< 0.040	0.040									
Chlorobenzene	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
Chloroform	< 0.15	0.15									
Chloromethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.15	0.15									
cis-1,3-Dichloropropene	< 0.15	0.15									
Cyclohexane	< 0.15	0.15									
Dibromochloromethane	< 0.15	0.15									
Ethyl acetate	< 0.25	0.25									
Ethylbenzene	< 0.15	0.15									
Freon 11	< 0.15	0.15									
Freon 113	< 0.15	0.15									
Freon 114	< 0.15	0.15									
Freon 12	< 0.15	0.15									
Heptane	< 0.15	0.15									
Hexachloro-1,3-butadiene	< 0.15	0.15									
Hexane	< 0.15	0.15									
Isopropyl alcohol	< 0.15	0.15									
m&p-Xylene	< 0.30	0.30									
Methyl Butyl Ketone	< 0.30	0.30									
Methyl Ethyl Ketone	< 0.30	0.30									
Methyl Isobutyl Ketone	< 0.30	0.30									

Qualifiers:

- . Results reported are not blank corrected
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID	AMB1UG-020516	SampType:	MBLK	TestCode:	0.25CT-TCE-	Units:	ppbV	Prep Date:		RunNo:	10620
Client ID:	ZZZZZ	Batch ID:	R10620	TestNo:	TO-15			Analysis Date:	2/5/2016	SeqNo:	124929

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	< 0.15	0.15									
Methylene chloride	< 0.15	0.15									
o-Xylene	< 0.15	0.15									
Propylene	< 0.15	0.15									
Styrene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
Tetrahydrofuran	< 0.15	0.15									
Toluene	< 0.15	0.15									
trans-1,2-Dichloroethene	< 0.15	0.15									
trans-1,3-Dichloropropene	< 0.15	0.15									
Trichloroethene	< 0.040	0.040									
Vinyl acetate	< 0.15	0.15									
Vinyl Bromide	< 0.15	0.15									
Vinyl chloride	< 0.040	0.040									

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

Name	Amount	IDL#1	IDL#2	IDL#3	IDL#4	IDL#5	IDL#6	IDL#7	Average	StdDev	%Rec	IDL
Propylene	0.15	0.16	0.15	0.16	0.14	0.16	0.14	0.16	0.153	0.010	98.1	0.030
Freon 12	0.15	0.18	0.17	0.17	0.17	0.18	0.17	0.17	0.173	0.005	86.8	0.015
Chloromethane	0.15	0.19	0.18	0.16	0.18	0.18	0.2	0.17	0.180	0.013	83.3	0.041
Freon 114	0.15	0.18	0.17	0.17	0.17	0.18	0.17	0.18	0.174	0.005	86.1	0.017
Vinyl Chloride	0.15	0.17	0.16	0.16	0.15	0.16	0.15	0.15	0.157	0.008	95.5	0.024
Butane	0.15	0.18	0.16	0.17	0.18	0.18	0.19	0.19	0.179	0.011	84.0	0.034
1,3-butadiene	0.15	0.21	0.2	0.2	0.22	0.17	0.18	0.23	0.201	0.021	74.5	0.066
Bromomethane	0.15	0.18	0.2	0.21	0.18	0.22	0.16	0.21	0.194	0.021	77.2	0.068
Chloroethane	0.15	0.19	0.19	0.16	0.19	0.19	0.18	0.19	0.184	0.011	81.4	0.036
Ethanol	0.15	0.16	0.16	0.18	0.17	0.19	0.18	0.19	0.176	0.013	85.4	0.040
Acrolein	0.15	0.22	0.17	0.19	0.16	0.18	0.21	0.17	0.186	0.022	80.8	0.070
Vinyl Bromide	0.15	0.17	0.15	0.16	0.16	0.17	0.17	0.17	0.164	0.008	91.3	0.025
Freon 11	0.15	0.18	0.17	0.17	0.18	0.19	0.17	0.18	0.177	0.008	84.7	0.024
Acetone	0.15	0.2	0.17	0.18	0.15	0.15	0.18	0.14	0.167	0.021	89.7	0.067
Pentane	0.15	0.18	0.17	0.18	0.16	0.17	0.2	0.16	0.174	0.014	86.1	0.044
Isopropyl alcohol	0.15	0.22	0.2	0.19	0.2	0.19	0.21	0.19	0.200	0.012	75.0	0.036
1,1-dichloroethene	0.15	0.2	0.17	0.19	0.19	0.19	0.18	0.18	0.186	0.010	80.8	0.031
Freon 113	0.15	0.17	0.16	0.18	0.18	0.18	0.17	0.17	0.173	0.008	86.8	0.024
t-Butyl alcohol	0.15	0.21	0.2	0.2	0.21	0.2	0.2	0.18	0.200	0.010	75.0	0.031
Methylene chloride	0.15	0.2	0.18	0.19	0.18	0.2	0.19	0.17	0.187	0.011	80.2	0.035
Allyl chloride	0.15	0.18	0.17	0.16	0.18	0.18	0.2	0.18	0.179	0.012	84.0	0.038
Carbon disulfide	0.15	0.2	0.17	0.19	0.19	0.2	0.18	0.19	0.189	0.011	79.5	0.034
trans-1,2-dichloroethene	0.15	0.15	0.14	0.14	0.14	0.16	0.14	0.15	0.146	0.008	102.9	0.025
methyl tert-butyl ether	0.15	0.14	0.14	0.14	0.13	0.15	0.14	0.13	0.139	0.007	108.2	0.022
1,1-dichloroethane	0.15	0.17	0.15	0.16	0.15	0.17	0.16	0.16	0.160	0.008	93.8	0.026
Vinyl acetate	0.15	0.14	0.13	0.14	0.13	0.13	0.13	0.12	0.131	0.007	114.1	0.022
Methyl Ethyl Ketone	0.15	0.17	0.17	0.16	0.16	0.15	0.13	0.12	0.151	0.020	99.1	0.061
cis-1,2-dichloroethene	0.15	0.15	0.14	0.16	0.15	0.16	0.15	0.14	0.150	0.008	100.0	0.026
Hexane	0.15	0.12	0.14	0.13	0.13	0.13	0.12	0.12	0.127	0.008	118.0	0.024
Ethyl acetate	0.15	0.16	0.17	0.14	0.15	0.14	0.16	0.13	0.150	0.014	100.0	0.044
Chloroform	0.15	0.16	0.16	0.16	0.16	0.17	0.16	0.17	0.163	0.005	92.1	0.015
Tetrahydrofuran	0.15	0.15	0.13	0.15	0.15	0.15	0.15	0.14	0.146	0.008	102.9	0.025
1,2-dichloroethane	0.15	0.16	0.15	0.16	0.16	0.17	0.16	0.17	0.161	0.007	92.9	0.022
1,1,1-trichloroethane	0.15	0.17	0.16	0.17	0.17	0.16	0.17	0.17	0.167	0.005	89.7	0.015
Cyclohexane	0.15	0.14	0.14	0.14	0.15	0.15	0.14	0.14	0.143	0.005	105.0	0.015
Carbon tetrachloride	0.15	0.13	0.15	0.15	0.15	0.15	0.15	0.16	0.149	0.009	101.0	0.028
Benzene	0.15	0.15	0.16	0.16	0.15	0.16	0.16	0.16	0.157	0.005	95.5	0.015
Methyl methacrylate	0.15	0.15	0.15	0.14	0.14	0.14	0.15	0.11	0.140	0.014	107.1	0.044
1,4-dioxane	0.15	0.18	0.18	0.19	0.18	0.15	0.17	0.12	0.167	0.024	89.7	0.076

Centek Laboratories
IDL Study

1ug/M3 Detection Limit
January 2016

Method TO-15A
Units=ppb

Name	Amount	IDL#1	IDL#2	IDL#3	IDL#4	IDL#5	IDL#6	IDL#7	Average	StdDev	%Rec	IDL
2,2,4-trimethylpentane	0.15	0.15	0.15	0.15	0.16	0.14	0.16	0.15	0.151	0.007	99.1	0.022
Heptane	0.15	0.12	0.13	0.13	0.12	0.13	0.13	0.13	0.127	0.005	118.0	0.015
Trichloroethene	0.15	0.14	0.15	0.14	0.15	0.15	0.14	0.15	0.146	0.005	102.9	0.017
1,2-dichloropropane	0.15	0.16	0.17	0.17	0.16	0.17	0.16	0.16	0.164	0.005	91.3	0.017
Bromodichloromethane	0.15	0.16	0.16	0.16	0.15	0.16	0.17	0.16	0.160	0.006	93.8	0.018
cis-1,3-dichloropropene	0.15	0.13	0.13	0.14	0.14	0.13	0.13	0.13	0.133	0.005	112.9	0.015
trans-1,3-dichloropropene	0.15	0.16	0.13	0.13	0.14	0.14	0.14	0.16	0.143	0.013	105.0	0.039
1,1,2-trichloroethane	0.15	0.16	0.15	0.16	0.15	0.16	0.18	0.17	0.161	0.011	92.9	0.034
Toluene	0.15	0.14	0.14	0.14	0.13	0.16	0.14	0.15	0.143	0.010	105.0	0.030
Methyl Isobutyl Ketone	0.15	0.18	0.18	0.18	0.18	0.16	0.18	0.15	0.173	0.013	86.8	0.039
Dibromochloromethane	0.15	0.16	0.16	0.17	0.18	0.16	0.17	0.18	0.169	0.009	89.0	0.028
Methyl Butyl Ketone	0.15	0.17	0.16	0.18	0.17	0.16	0.17	0.14	0.164	0.013	91.3	0.040
1,2-dibromoethane	0.15	0.16	0.17	0.16	0.16	0.16	0.16	0.17	0.163	0.005	92.1	0.015
Tetrachloroethylene	0.15	0.16	0.17	0.16	0.16	0.16	0.17	0.17	0.164	0.005	91.3	0.017
Chlorobenzene	0.15	0.16	0.16	0.16	0.17	0.15	0.17	0.17	0.163	0.008	92.1	0.024
1,1,1,2-tetrachloroethane	0.15	0.17	0.17	0.17	0.18	0.16	0.18	0.17	0.171	0.007	87.5	0.022
Ethylbenzene	0.15	0.13	0.14	0.14	0.14	0.12	0.14	0.13	0.134	0.008	111.7	0.025
m&p-xylene	0.3	0.25	0.25	0.25	0.23	0.25	0.25	0.25	0.247	0.008	121.4	0.024
Nonane	0.15	0.11	0.11	0.11	0.11	0.1	0.1	0.11	0.107	0.005	140.0	0.015
Styrene	0.15	0.12	0.13	0.13	0.11	0.12	0.13	0.12	0.123	0.008	122.1	0.024
Bromoform	0.15	0.15	0.15	0.16	0.15	0.15	0.17	0.16	0.156	0.008	96.3	0.025
o-xylene	0.15	0.11	0.12	0.12	0.14	0.14	0.12	0.11	0.123	0.013	122.1	0.039
Cumene	0.15	0.12	0.13	0.13	0.12	0.13	0.13	0.13	0.127	0.005	118.0	0.015
Bromofluorobenzene	1	0.88	0.9	0.9	0.87	0.89	0.89	0.9	0.890	0.012	112.4	0.036
1,1,2,2-tetrachloroethane	0.15	0.16	0.16	0.17	0.16	0.17	0.17	0.16	0.164	0.005	91.3	0.017
Propylbenzene	0.15	0.13	0.12	0.13	0.13	0.11	0.13	0.11	0.123	0.010	122.1	0.030
2-Chlorotoluene	0.15	0.13	0.13	0.13	0.14	0.13	0.12	0.13	0.130	0.006	115.4	0.018
4-ethyltoluene	0.15	0.11	0.12	0.12	0.12	0.13	0.13	0.11	0.120	0.008	125.0	0.026
1,3,5-trimethylbenzene	0.15	0.12	0.13	0.14	0.12	0.13	0.13	0.13	0.129	0.007	116.7	0.022
1,2,4-trimethylbenzene	0.15	0.12	0.13	0.12	0.12	0.13	0.12	0.12	0.123	0.005	122.1	0.015
1,3-dichlorobenzene	0.15	0.14	0.14	0.14	0.13	0.14	0.13	0.14	0.137	0.005	109.4	0.015
benzyl chloride	0.15	0.13	0.16	0.13	0.15	0.13	0.15	0.16	0.144	0.014	104.0	0.044
1,4-dichlorobenzene	0.15	0.13	0.11	0.12	0.12	0.12	0.12	0.13	0.121	0.007	123.5	0.022
1,2,3-trimethylbenzene	0.15	0.12	0.11	0.12	0.12	0.12	0.11	0.11	0.116	0.005	129.6	0.017
1,2-dichlorobenzene	0.15	0.13	0.14	0.14	0.14	0.14	0.14	0.13	0.137	0.005	109.4	0.015
1,2,4-trichlorobenzene	0.15	0.1	0.11	0.1	0.11	0.11	0.12	0.1	0.107	0.008	140.0	0.024
Naphthalene	0.15	0.13	0.13	0.14	0.11	0.12	0.14	0.12	0.127	0.011	118.0	0.035
Hexachloro-1,3-butadiene	0.15	0.16	0.17	0.17	0.17	0.16	0.16	0.16	0.164	0.005	91.3	0.017

Centek Laboratories, LLC

Name	Amount	IDL#1	IDL#2	IDL#3	IDL#4	IDL#5	IDL#6	IDL#7	Average	StdDev	%Rec	IDL
Vinyl Chloride	0.1	0.11	0.11	0.09	0.09	0.1	0.09	0.1	0.099	0.009	101.4	0.028
Carbon tetrachloride	0.1	0.1	0.11	0.08	0.09	0.09	0.09	0.09	0.093	0.010	107.7	0.030
Trichloroethene	0.1	0.1	0.1	0.07	0.08	0.08	0.08	0.08	0.084	0.011	118.6	0.036
Tetrachloroethylene	0.1	0.11	0.12	0.09	0.09	0.1	0.09	0.09	0.099	0.012	101.4	0.038
Naphthalene	0.1	0.09	0.08	0.07	0.06	0.06	0.07	0.06	0.070	0.012	142.9	0.036

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GC/MS-Whole Air Calculations

Relative Response Factor (RRF)

$$RRF = \frac{Ax * Cis}{Ais * Cx}$$

where: Ax = area of the characteristic ion for the compound being measured
Ais = area of the characteristic ion for the specific internal standard of the compound being measured
Cx = concentration of the compound being measured (ppbv)
Cis = concentration of the internal standard (ppbv)

Percent Relative Standard Deviation (%RSD)

$$\% RSD = \frac{\text{Standard deviation of RRF values} * 100}{\text{mean RRF}}$$

Percent Difference (%D)

$$\% D = \frac{(RRFc - \text{mean } RRFi) * 100}{\text{mean } RRFi}$$

where: RRFc = relative response factor from the continuing calibration
mean RRFi = mean relative response factor from the initial calibration

Sample Calculations

$$ppbv = \frac{Ax * Is * Df}{Ais * RRF}$$

where: Ax = area of the characteristic ion for the compound being measured
Ais = area of the characteristic ion for the specific internal standard of the compound being measured
Is = Concentration of the internal standard injected (ppbv)
RRF= relative response factor for the compound being measured
Df = Dilution factor

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

SAMPLE DATA

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	SS-1
Lab Order:	C1602007	**Tag Number:**	544.435
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		2/3/2016
Lab Vacuum Out	-30			"Hg		2/3/2016
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,2,4-Trimethylbenzene	0.91	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,3,5-Trimethylbenzene	0.42	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/5/2016 4:13:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
4-ethyltoluene	0.28	0.15		ppbV	1	2/5/2016 4:13:00 AM
Acetone	14	3.0		ppbV	10	2/4/2016 9:14:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Benzene	0.46	0.15		ppbV	1	2/5/2016 4:13:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Bromoform	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Carbon disulfide	0.35	0.15		ppbV	1	2/5/2016 4:13:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Chloroform	0.13	0.15	J	ppbV	1	2/5/2016 4:13:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Ethyl acetate	0.44	0.25		ppbV	1	2/5/2016 4:13:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	SS-1
Lab Order:	C1602007	**Tag Number:**	544.435
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
Ethylbenzene	0.68	0.15		ppbV	1	2/5/2016 4:13:00 AM
Freon 11	0.37	0.15		ppbV	1	2/5/2016 4:13:00 AM
Freon 113	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Freon 114	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Freon 12	0.56	0.15		ppbV	1	2/5/2016 4:13:00 AM
Heptane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Hexane	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Isopropyl alcohol	1.8	0.15		ppbV	1	2/5/2016 4:13:00 AM
m&p-Xylene	2.7	0.30		ppbV	1	2/5/2016 4:13:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/5/2016 4:13:00 AM
Methyl Ethyl Ketone	3.2	3.0		ppbV	10	2/4/2016 9:14:00 PM
Methyl Isobutyl Ketone	0.32	0.30		ppbV	1	2/5/2016 4:13:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Methylene chloride	0.22	0.15		ppbV	1	2/5/2016 4:13:00 AM
o-Xylene	0.85	0.15		ppbV	1	2/5/2016 4:13:00 AM
Propylene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Styrene	1.5	0.15		ppbV	1	2/5/2016 4:13:00 AM
Tetrachloroethylene	0.33	0.15		ppbV	1	2/5/2016 4:13:00 AM
Tetrahydrofuran	1.9	0.15		ppbV	1	2/5/2016 4:13:00 AM
Toluene	2.4	1.5		ppbV	10	2/4/2016 9:14:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Trichloroethene	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	2/5/2016 4:13:00 AM
Surr: Bromofluorobenzene	104	70-130		%REC	1	2/5/2016 4:13:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	SS-1
Lab Order:	C1602007	**Tag Number:**	544.435
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/5/2016 4:13:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/5/2016 4:13:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/5/2016 4:13:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/5/2016 4:13:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/5/2016 4:13:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/5/2016 4:13:00 AM
1,2,4-Trimethylbenzene	4.5	0.74		ug/m3	1	2/5/2016 4:13:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/5/2016 4:13:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/5/2016 4:13:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/5/2016 4:13:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/5/2016 4:13:00 AM
1,3,5-Trimethylbenzene	2.1	0.74		ug/m3	1	2/5/2016 4:13:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/5/2016 4:13:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/5/2016 4:13:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/5/2016 4:13:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/5/2016 4:13:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	2/5/2016 4:13:00 AM
4-ethyltoluene	1.4	0.74		ug/m3	1	2/5/2016 4:13:00 AM
Acetone	34	7.1		ug/m3	10	2/4/2016 9:14:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/5/2016 4:13:00 AM
Benzene	1.5	0.48		ug/m3	1	2/5/2016 4:13:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/5/2016 4:13:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/5/2016 4:13:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	2/5/2016 4:13:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	2/5/2016 4:13:00 AM
Carbon disulfide	1.1	0.47		ug/m3	1	2/5/2016 4:13:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	2/5/2016 4:13:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/5/2016 4:13:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	2/5/2016 4:13:00 AM
Chloroform	0.63	0.73	J	ug/m3	1	2/5/2016 4:13:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	2/5/2016 4:13:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/5/2016 4:13:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/5/2016 4:13:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	2/5/2016 4:13:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/5/2016 4:13:00 AM
Ethyl acetate	1.6	0.90		ug/m3	1	2/5/2016 4:13:00 AM
Ethylbenzene	3.0	0.65		ug/m3	1	2/5/2016 4:13:00 AM
Freon 11	2.1	0.84		ug/m3	1	2/5/2016 4:13:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	2/5/2016 4:13:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	2/5/2016 4:13:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	SS-1
Lab Order:	C1602007	**Tag Number:**	544.435
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Freon 12	2.8	0.74		ug/m3	1	2/5/2016 4:13:00 AM
Heptane	< 0.61	0.61		ug/m3	1	2/5/2016 4:13:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/5/2016 4:13:00 AM
Hexane	< 0.53	0.53		ug/m3	1	2/5/2016 4:13:00 AM
Isopropyl alcohol	4.4	0.37		ug/m3	1	2/5/2016 4:13:00 AM
m&p-Xylene	12	1.3		ug/m3	1	2/5/2016 4:13:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/5/2016 4:13:00 AM
Methyl Ethyl Ketone	9.4	8.8		ug/m3	10	2/4/2016 9:14:00 PM
Methyl Isobutyl Ketone	1.3	1.2		ug/m3	1	2/5/2016 4:13:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/5/2016 4:13:00 AM
Methylene chloride	0.76	0.52		ug/m3	1	2/5/2016 4:13:00 AM
o-Xylene	3.7	0.65		ug/m3	1	2/5/2016 4:13:00 AM
Propylene	< 0.26	0.26		ug/m3	1	2/5/2016 4:13:00 AM
Styrene	6.2	0.64		ug/m3	1	2/5/2016 4:13:00 AM
Tetrachloroethylene	2.2	1.0		ug/m3	1	2/5/2016 4:13:00 AM
Tetrahydrofuran	5.7	0.44		ug/m3	1	2/5/2016 4:13:00 AM
Toluene	9.0	5.7		ug/m3	10	2/4/2016 9:14:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/5/2016 4:13:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/5/2016 4:13:00 AM
Trichloroethene	< 0.81	0.81		ug/m3	1	2/5/2016 4:13:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/5/2016 4:13:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/5/2016 4:13:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	2/5/2016 4:13:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020431.D
Acq On : 5 Feb 2016 4:13 am
Sample : C1602007-001A
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 05 06:39:15 2016

Vial: 29
Operator: RJP
Inst : MSD #1
Multiplr: 1.00
Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.81	128	30857	1.00	ppb		0.00
35) 1,4-difluorobenzene	12.08	114	141082	1.00	ppb		0.00
50) Chlorobenzene-d5	16.57	117	88613	1.00	ppb		-0.01
System Monitoring Compounds							
66) Bromofluorobenzene	18.15	95	62832m	1.04	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 104.00%				
Target Compounds							Qvalue
3) Freon 12	4.20	85	75573	0.56	ppb		100
14) Freon 11	5.82	101	49265	0.37	ppb		98
15) Acetone	6.02	58	143176	10.97	ppb	#	1
17) Isopropyl alcohol	6.14	45	68317	1.81	ppb	#	46
21) Methylene chloride	7.06	84	9020	0.22	ppb		91
23) Carbon disulfide	7.21	76	44091	0.35	ppb		91
28) Methyl Ethyl Ketone	8.94	72	57294	2.86	ppb	#	100
31) Ethyl acetate	9.53	43	41961	0.44	ppb		88
32) Chloroform	9.97	83	13216	0.13	ppb		94
33) Tetrahydrofuran	10.17	42	90299	1.94	ppb		99
39) Benzene	11.39	78	57644	0.46	ppb		97
51) Toluene	14.69	92	169649	2.86	ppb		97
52) Methyl Isobutyl Ketone	13.84	43	26329	0.32	ppb		99
56) Tetrachloroethylene	15.68	164	13752	0.33	ppb		96
59) Ethylbenzene	16.87	91	89333	0.68	ppb		97
60) m&p-xylene	17.03	91	273847	2.74	ppb		94
62) Styrene	17.48	104	112092	1.46	ppb		80
64) o-xylene	17.50	91	97553	0.85	ppb		84
70) 4-ethyltoluene	18.71	105	35637m	0.28	ppb		
71) 1,3,5-trimethylbenzene	18.77	105	52818m	0.42	ppb		
72) 1,2,4-trimethylbenzene	19.20	105	98546	0.91	ppb		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

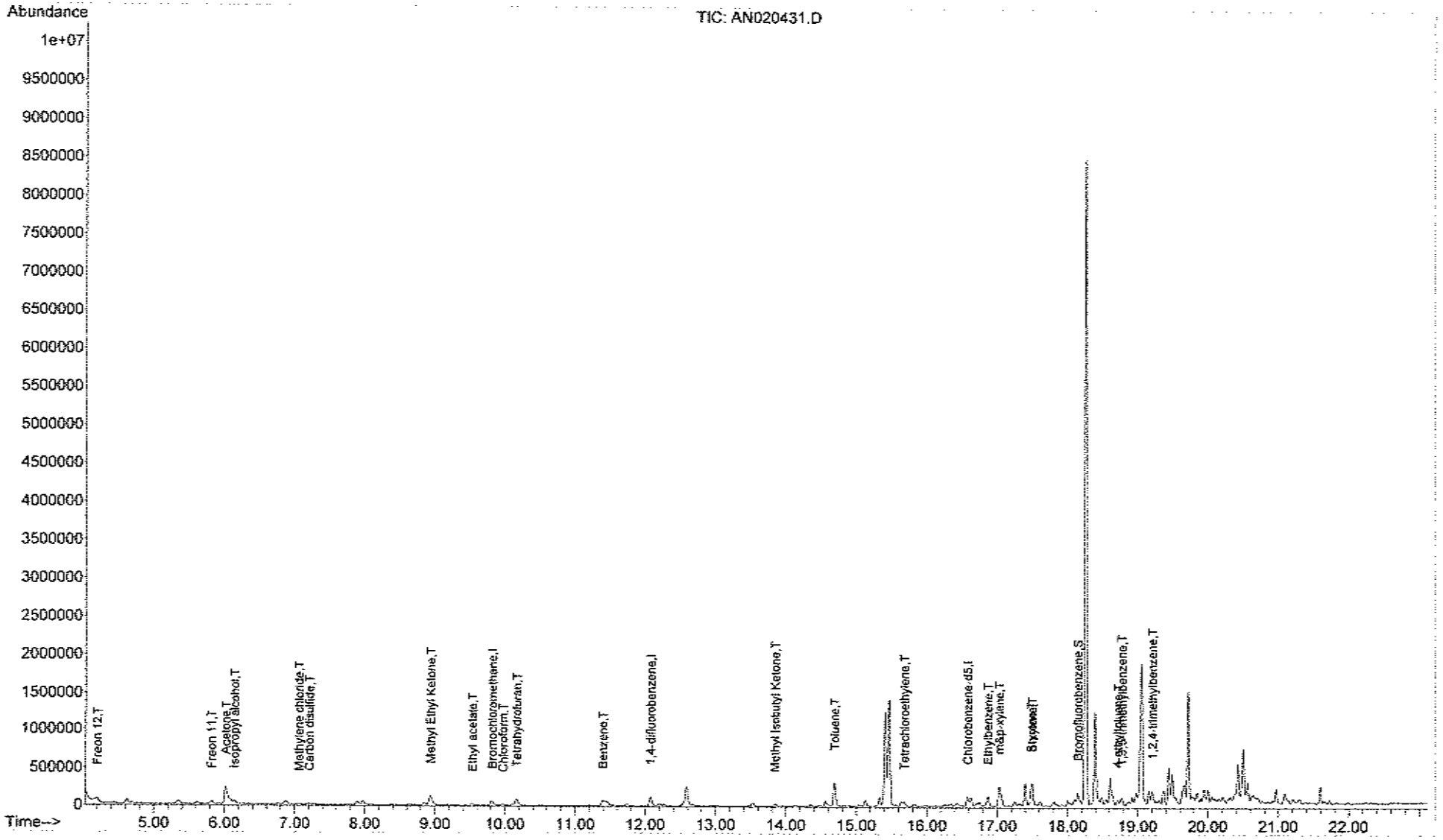
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020431.D
Acq On : 5 Feb 2016 4:13 am
Sample : C1602007-001A
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 8 8:55 2016

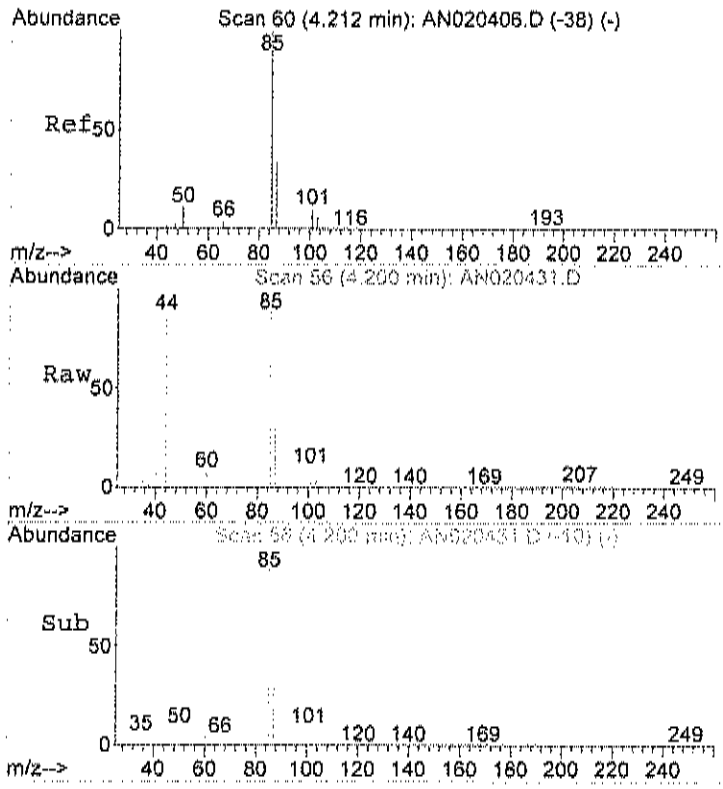
Vial: 29
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration



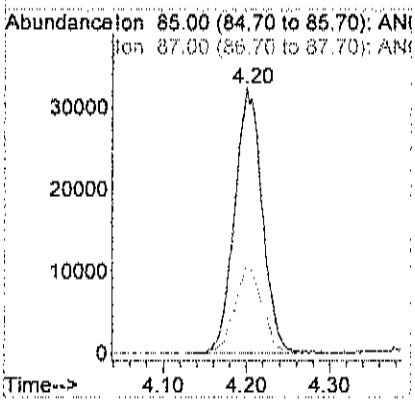
Centek Laboratories, LLC

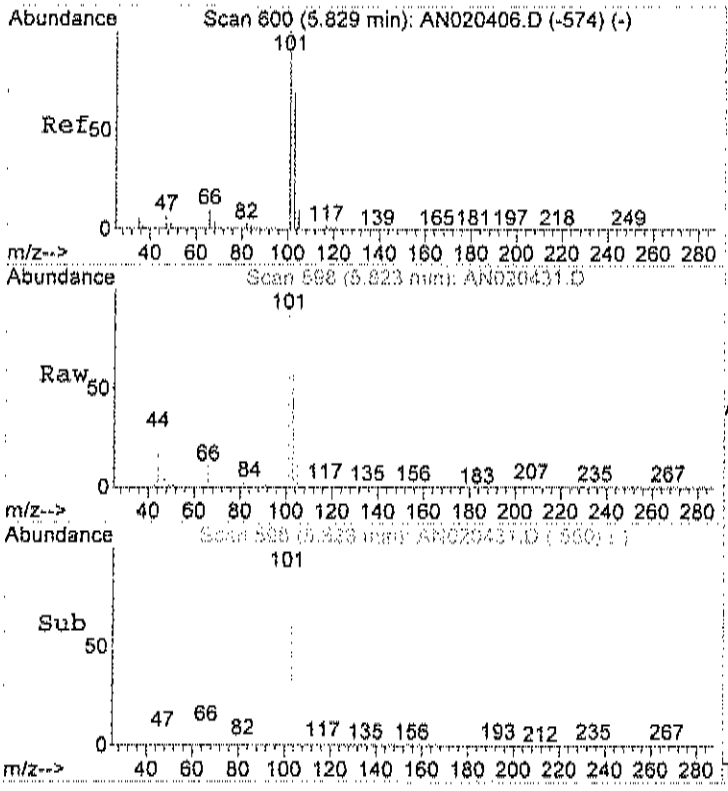


#3
Freon 12
Concen: 0.56 ppb
RT: 4.20 min Scan# 56
Delta R.T. -0.01 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion: 85 Resp: 75573

Ion	Ratio	Lower	Upper
85	100		
87	32.3	12.5	52.5

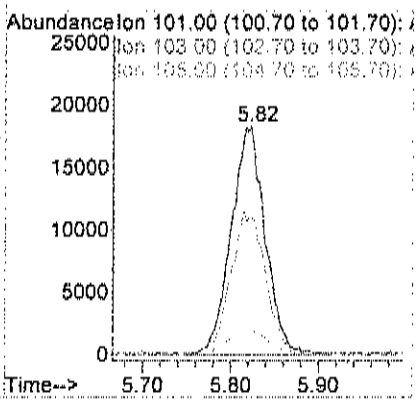


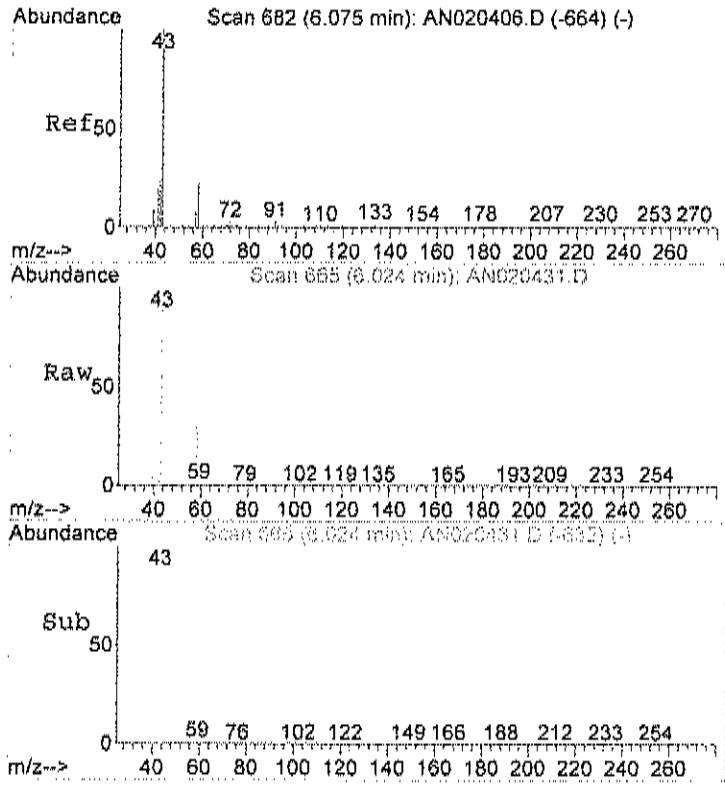


#14
Freon 11
Concen: 0.37 ppb
RT: 5.82 min Scan# 598
Delta R.T. -0.01 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion:101 Resp: 49265

Ion	Ratio	Lower	Upper
101	100		
103	65.5	44.6	84.6
105	14.2	0.0	31.6

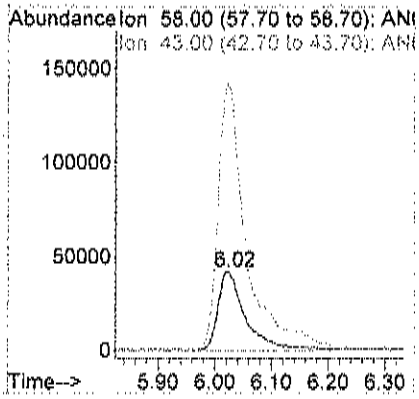


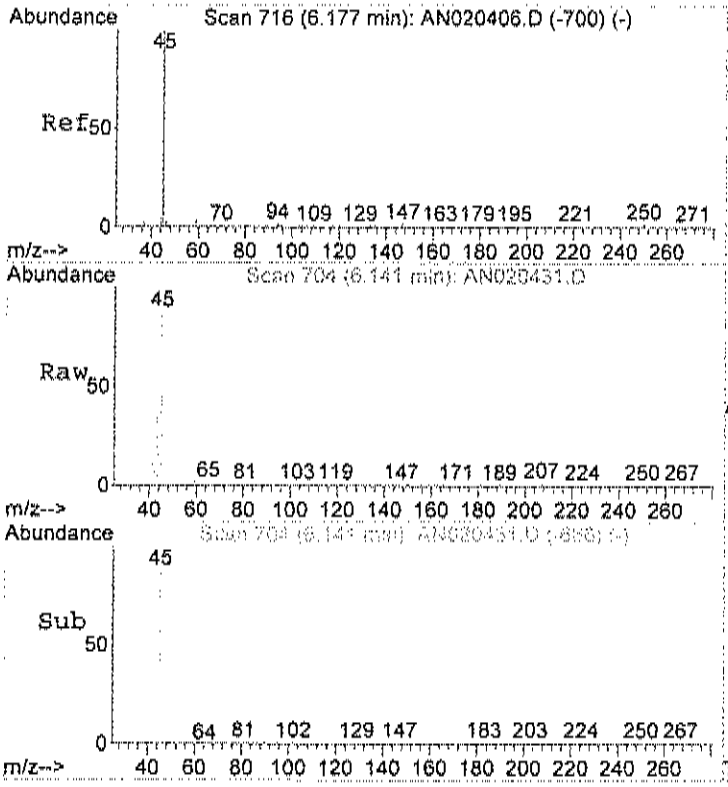


#15
Acetone
Concen: 10.97 ppb
RT: 6.02 min Scan# 665
Delta R.T. -0.05 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion: 58 Resp: 143176

Ion	Ratio	Lower	Upper
58	100		
43	345.3	661.8	721.8#

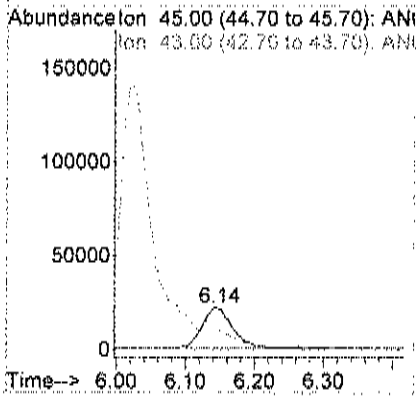


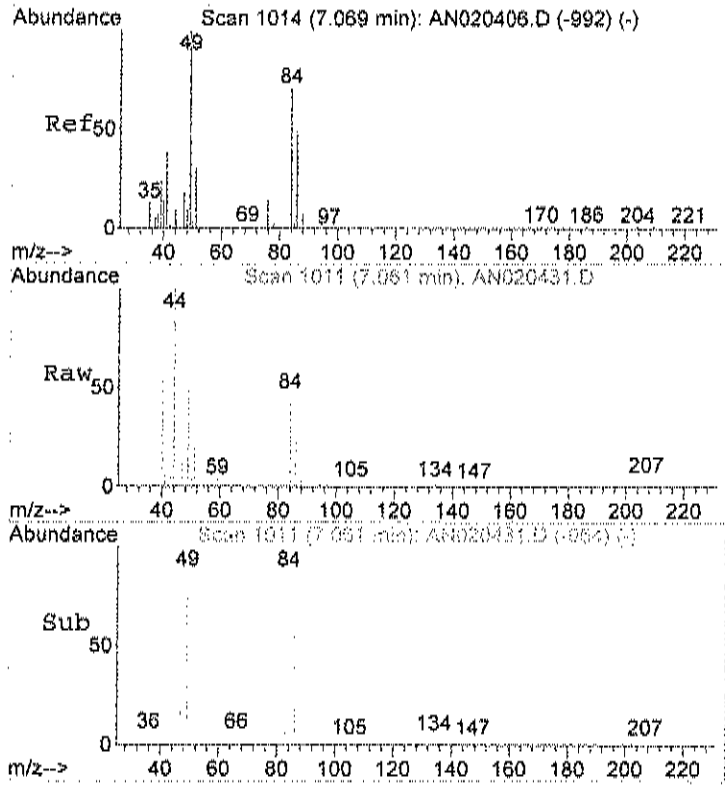


#17
Isopropyl alcohol
Concen: 1.81 ppb
RT: 6.14 min Scan# 704
Delta R.T. -0.04 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion: 45 Resp: 68317

Ion	Ratio	Lower	Upper
45	100		
43	0.0	8.9	48.9#

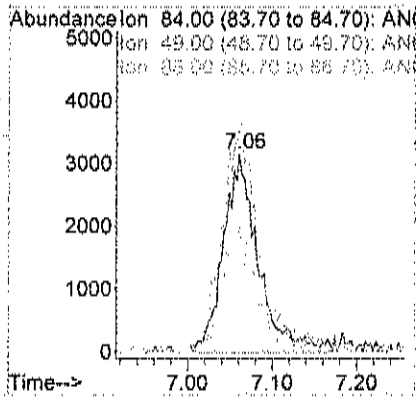


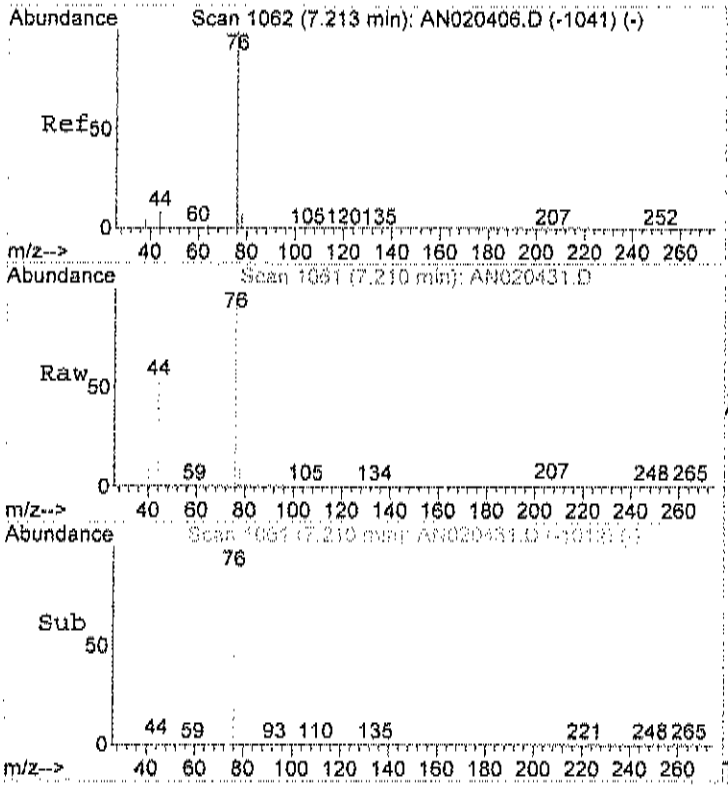


#21
Methylene chloride
Concen: 0.22 ppb
RT: 7.06 min Scan# 1011
Delta R.T. -0.01 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion: 84 Resp: 9020

Ion	Ratio	Lower	Upper
84	100		
49	121.9	87.8	127.8
86	61.1	43.1	83.1

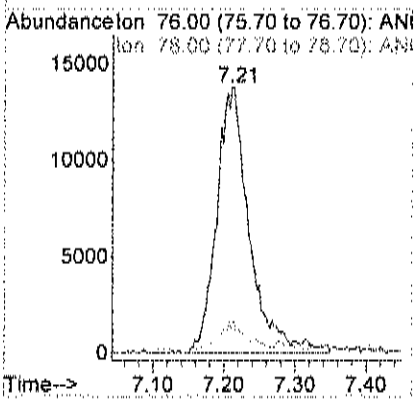


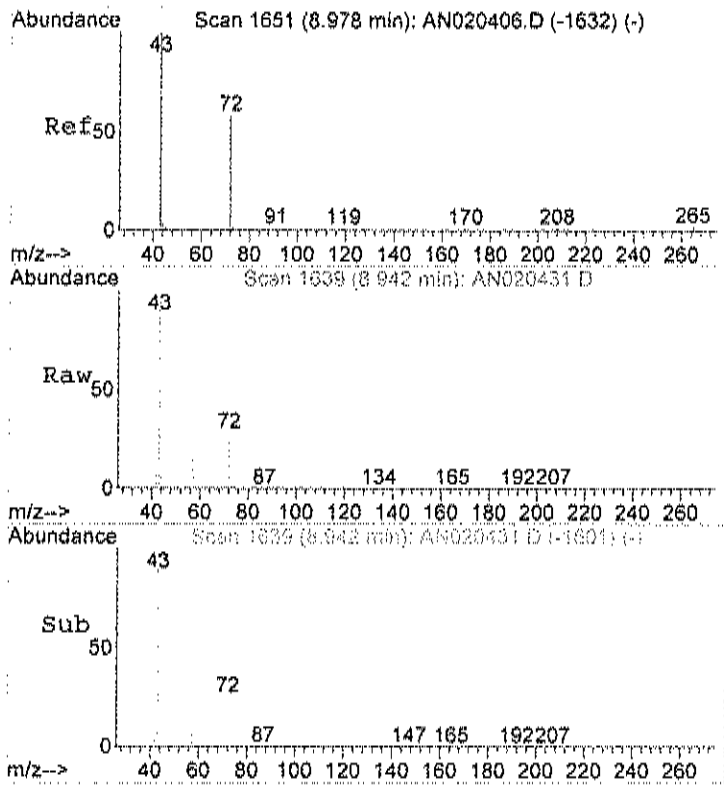


#23
Carbon disulfide
Concen: 0.35 ppb
RT: 7.21 min Scan# 1061
Delta R.T. -0.00 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion: 76 Resp: 44091

Ion	Ratio	Lower	Upper
76	100		
78	13.8	0.0	30.3

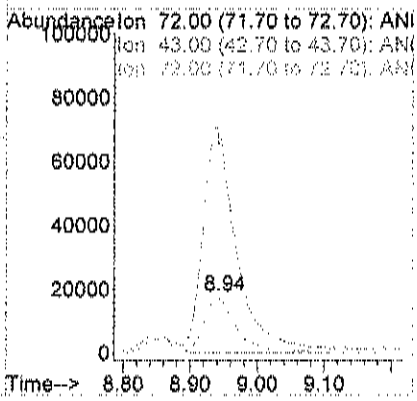


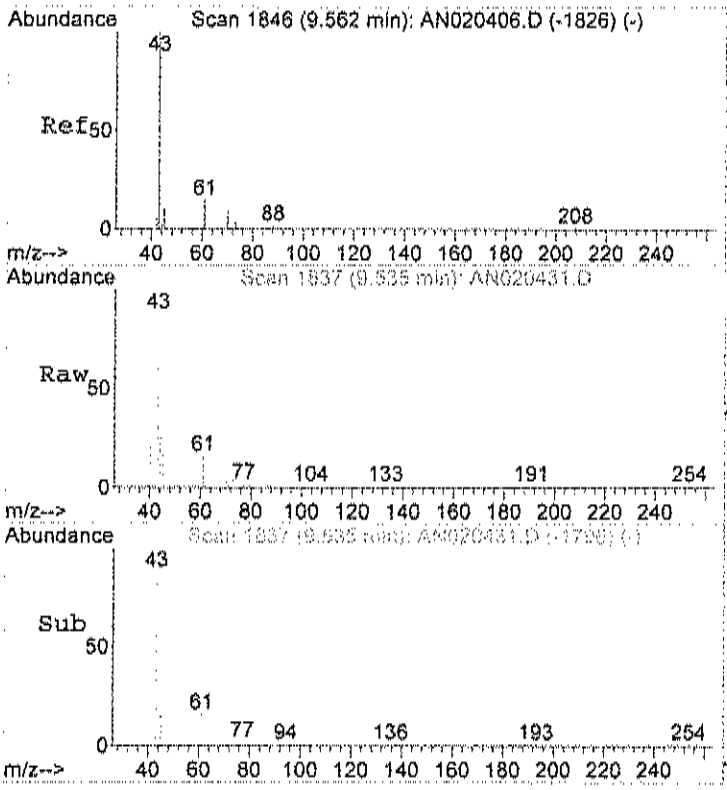


#28
Methyl Ethyl Ketone
Concen: 2.86 ppb
RT: 8.94 min Scan# 1639
Delta R.T. -0.04 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion: 72 Resp: 57294

Ion	Ratio	Lower	Upper
72	100		
43	0.0	0.0	20.0
72	100.0	80.0	120.0

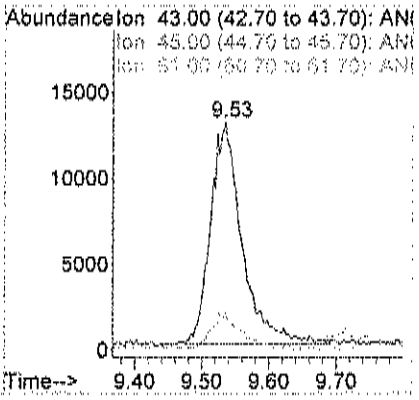


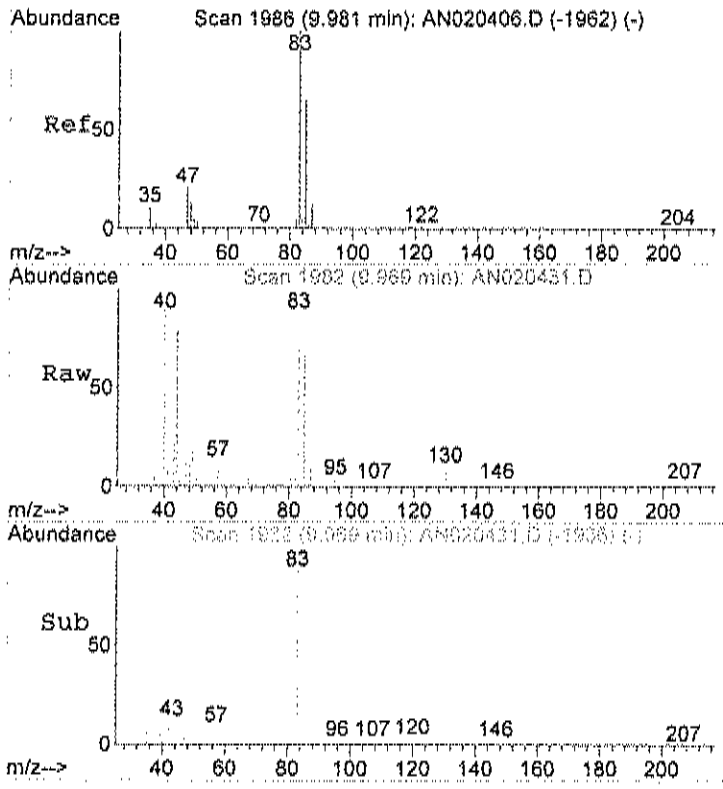


#31
Ethyl acetate
Concen: 0.44 ppb
RT: 9.53 min Scan# 1837
Delta R.T. -0.03 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion: 43 Resp: 41961

Ion	Ratio	Lower	Upper
43	100		
45	20.6	0.0	33.8
61	16.4	0.0	33.3

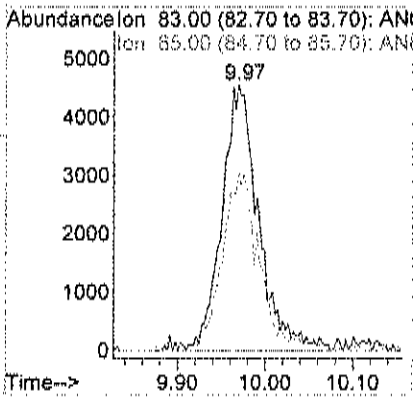


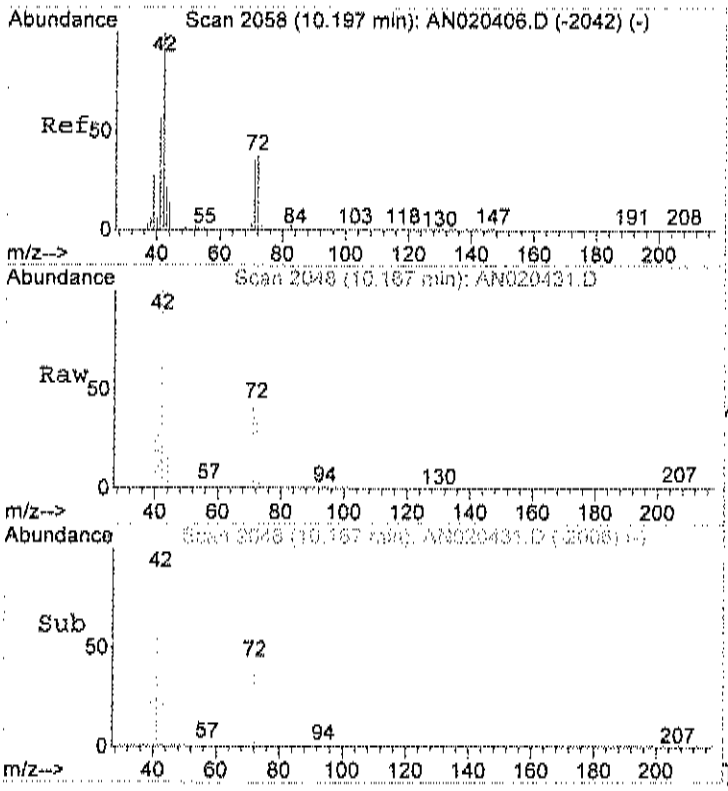


#32
Chloroform
Concen: 0.13 ppb
RT: 9.97 min Scan# 1982
Delta R.T. -0.01 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion: 83 Resp: 13216

Ion	Ratio	Lower	Upper
83	100		
85	68.3	43.9	83.9

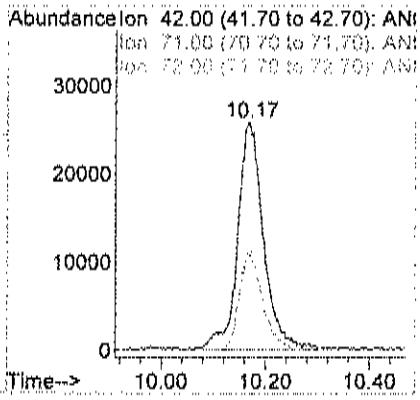


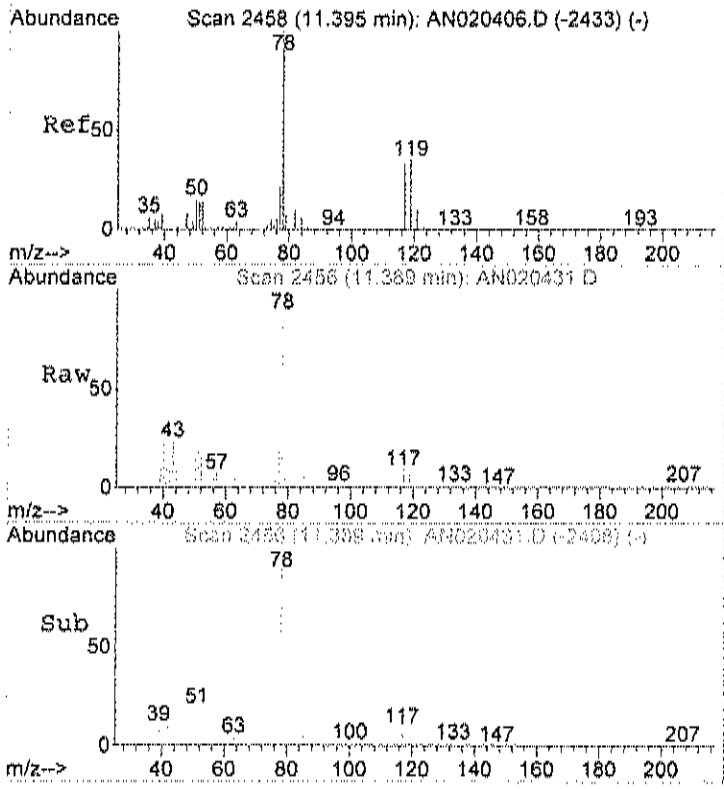


#33
Tetrahydrofuran
Concen: 1.94 ppb
RT: 10.17 min Scan# 2048
Delta R.T. -0.03 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion: 42 Resp: 90299

Ion	Ratio	Lower	Upper
42	100		
71	40.1	20.0	60.0
72	40.1	19.1	59.1

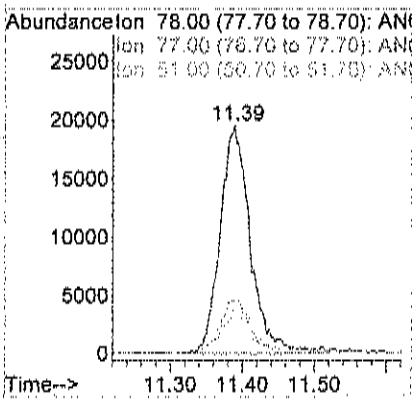


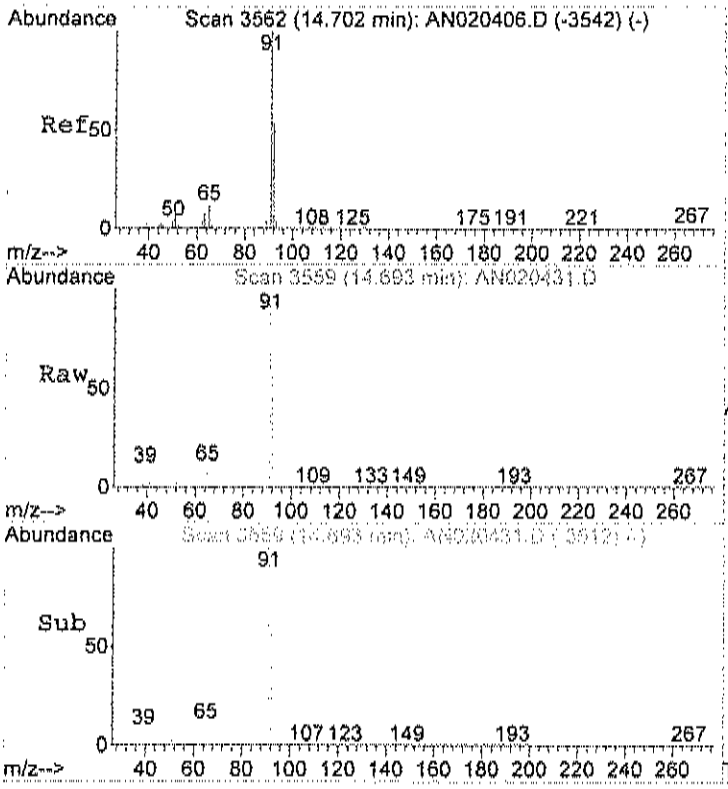


#39
Benzene
Concen: 0.46 ppb
RT: 11.39 min Scan# 2456
Delta R.T. -0.01 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion: 78 Resp: 57644

Ion	Ratio	Lower	Upper
78	100		
77	24.6	6.0	46.0
51	20.6	2.1	42.1

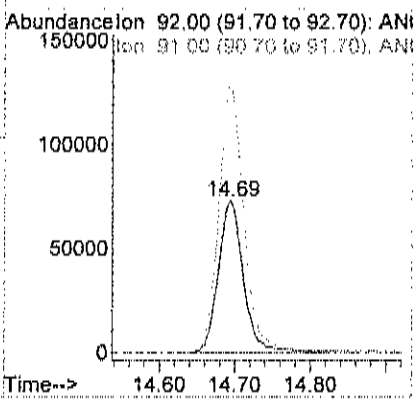


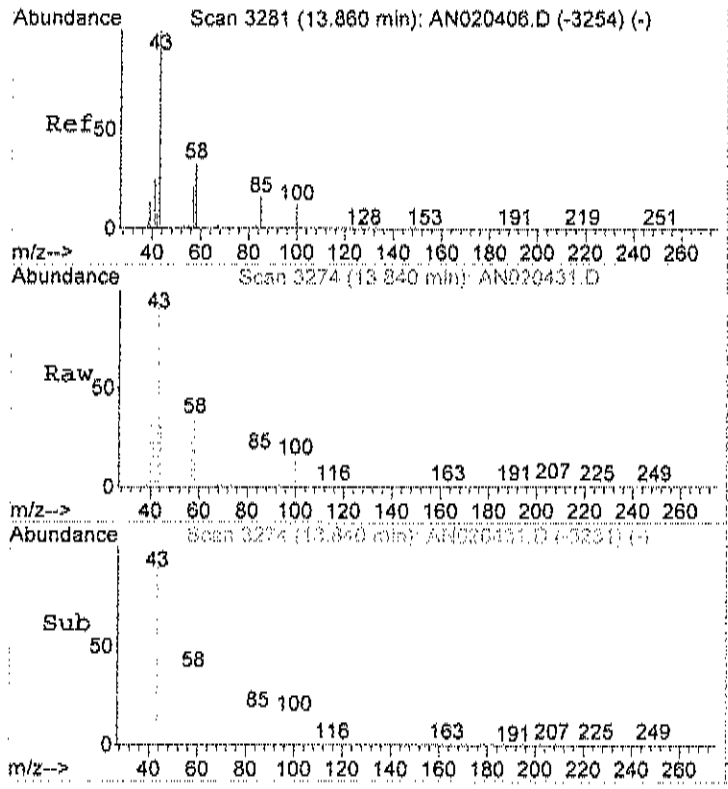


#51
Toluene
Concen: 2.86 ppb
RT: 14.69 min Scan# 3559
Delta R.T. -0.01 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion: 92 Resp: 169649

Ion	Ratio	Lower	Upper
92	100		
91	176.0	152.5	192.5

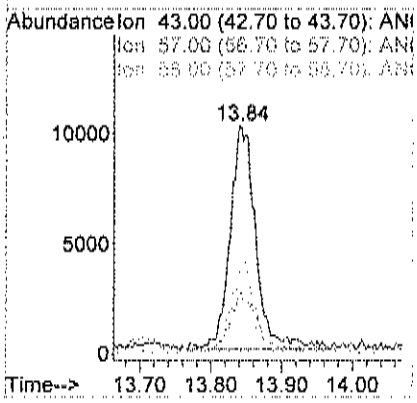


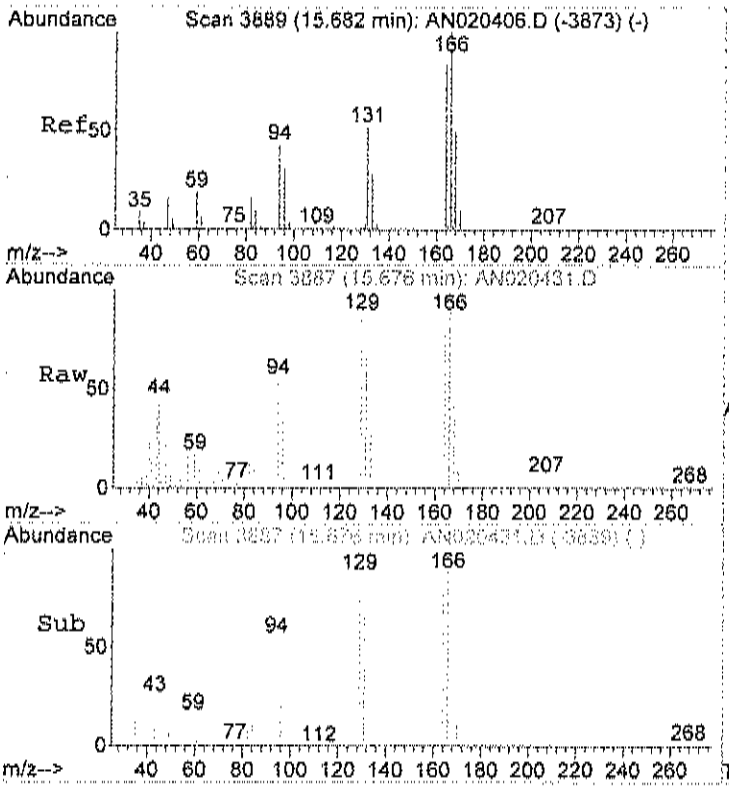


#52
Methyl Isobutyl Ketone
Concen: 0.32 ppb
RT: 13.84 min Scan# 3274
Delta R.T. -0.02 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion: 43 Resp: 26329

Ion	Ratio	Lower	Upper
43	100		
57	25.7	6.1	46.1
58	35.6	16.5	56.5

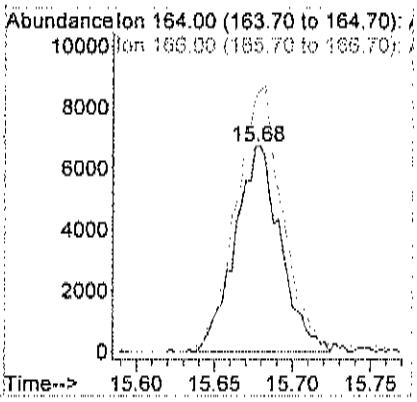


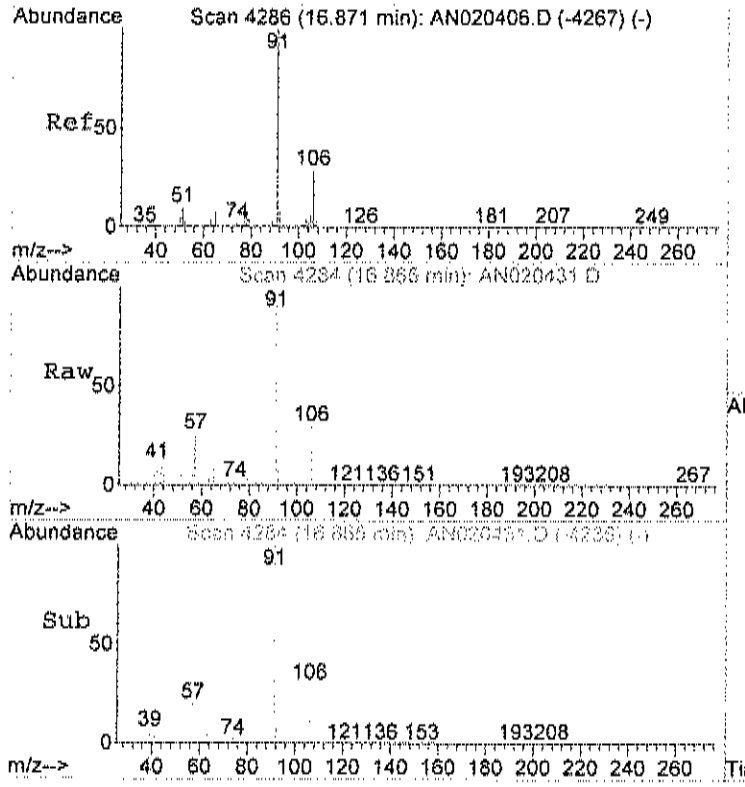


#56
Tetrachloroethylene
Concen: 0.33 ppb
RT: 15.68 min Scan# 3887
Delta R.T. -0.01 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion:164 Resp: 13752

Ion	Ratio	Lower	Upper
164	100		
166	132.9	108.6	148.6

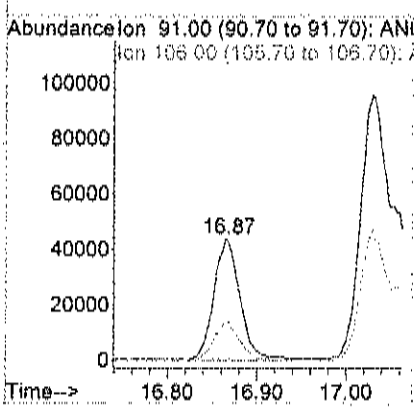


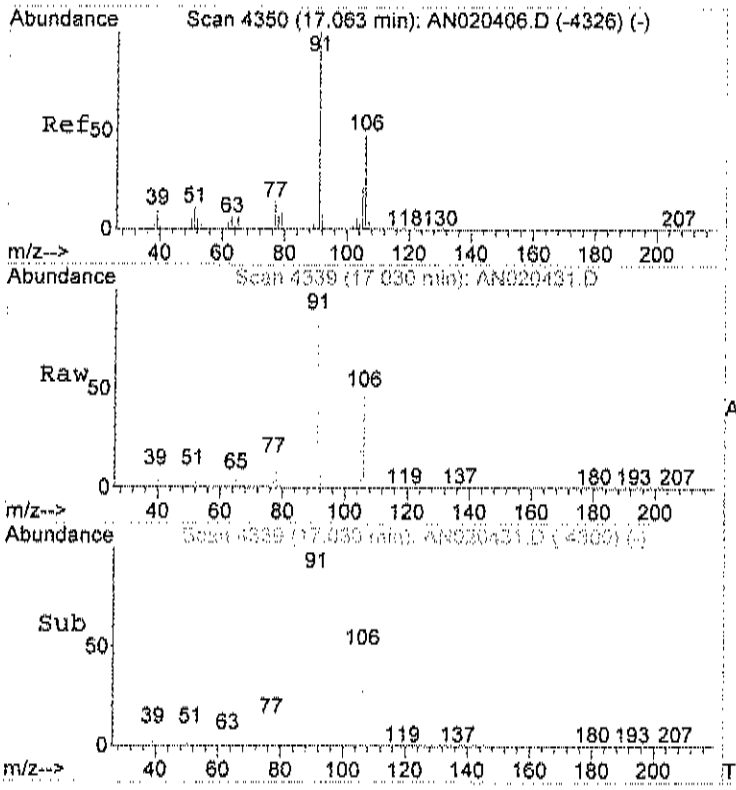


#59
Ethylbenzene
Concen: 0.68 ppb
RT: 16.87 min Scan# 4284
Delta R.T. -0.01 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion: 91 Resp: 89333

Ion	Ratio	Lower	Upper
91	100		
106	31.4	9.9	49.9

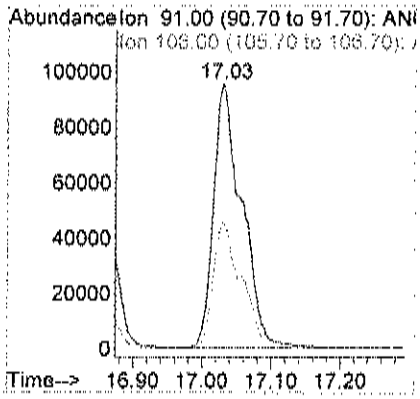


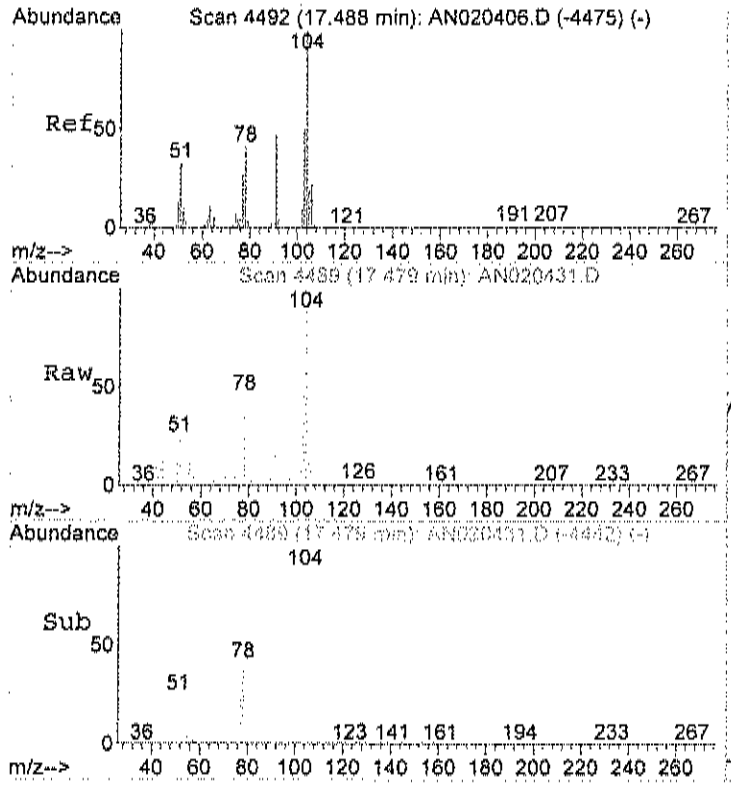


#60
m&p-xylene
Concen: 2.74 ppb
RT: 17.03 min Scan# 4339
Delta R.T. -0.03 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion: 91 Resp: 273847

Ion	Ratio	Lower	Upper
91	100		
106	49.2	25.3	65.3

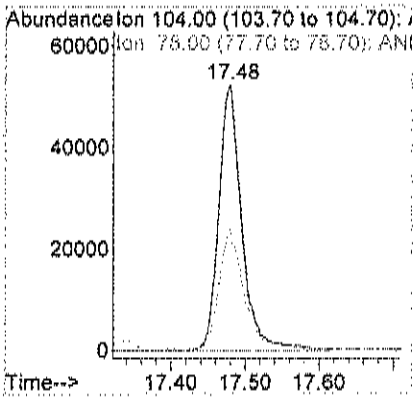


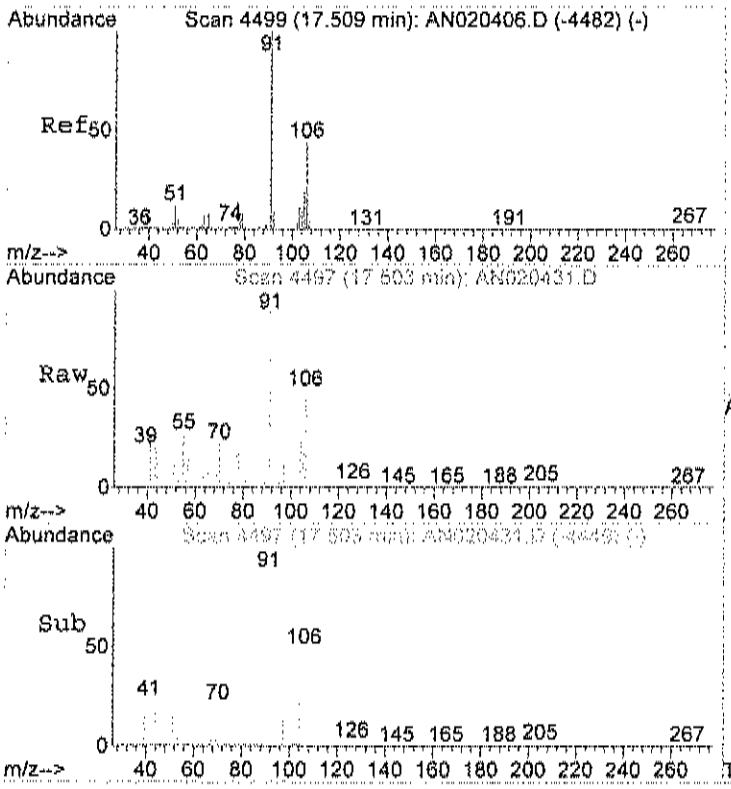


#62
Styrene
Concen: 1.46 ppb
RT: 17.48 min Scan# 4489
Delta R.T. -0.01 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion:104 Resp: 112092

Ion	Ratio	Lower	Upper
104	100		
78	48.4	44.4	84.4

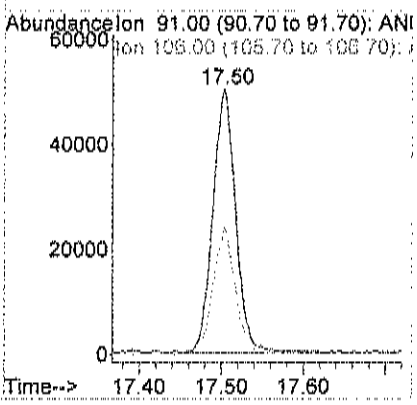


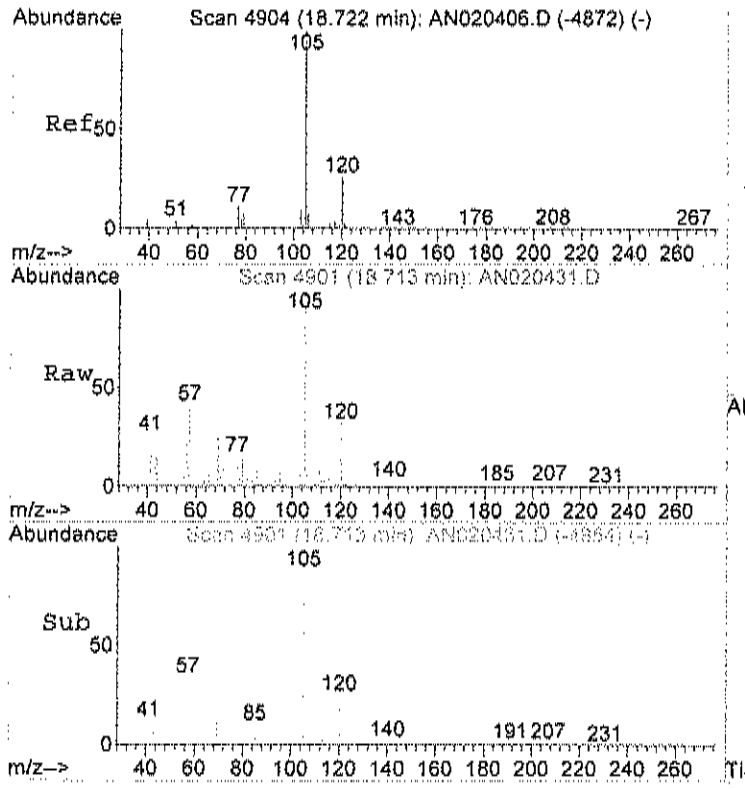


#64
o-xylene
Concen: 0.85 ppb
RT: 17.50 min Scan# 4497
Delta R.T. -0.01 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion: 91 Resp: 97553

Ion	Ratio	Lower	Upper
91	100		
106	48.1	18.4	58.4

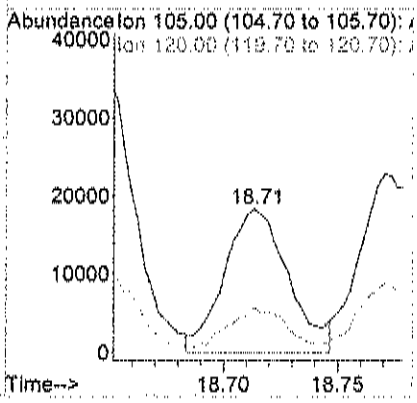


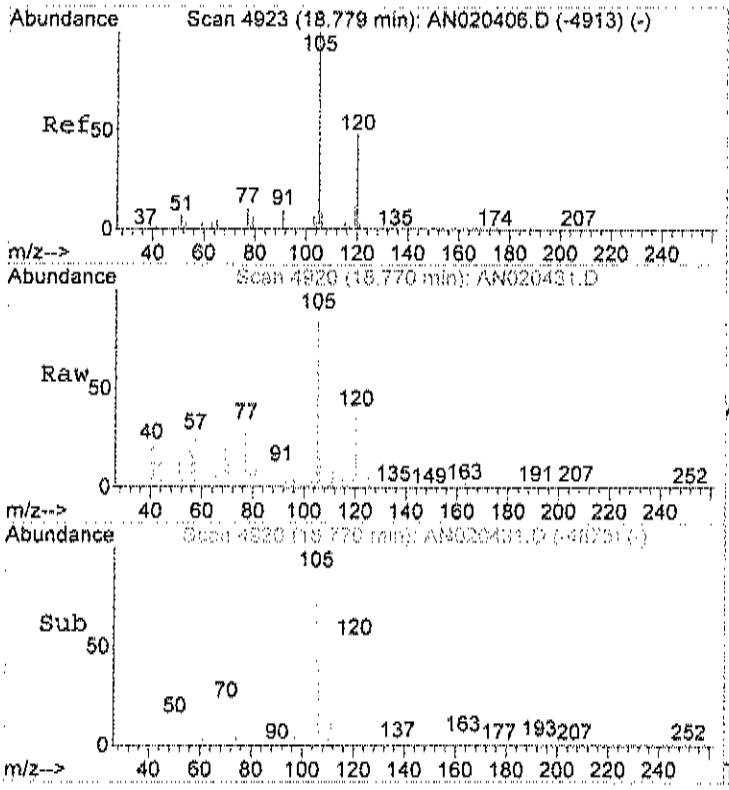


#70
4-ethyltoluene
Concen: 0.28 ppb m
RT: 18.71 min Scan# 4901
Delta R.T. -0.01 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion:105 Resp: 35637

Ion	Ratio	Lower	Upper
105	100		
120	135.8	0.0	20.0#

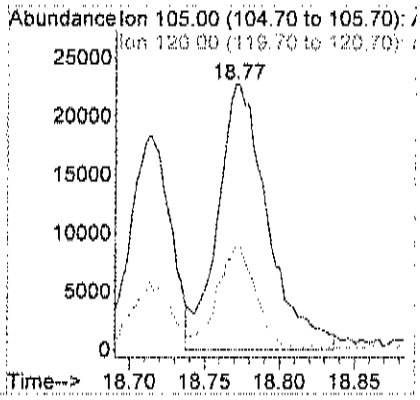


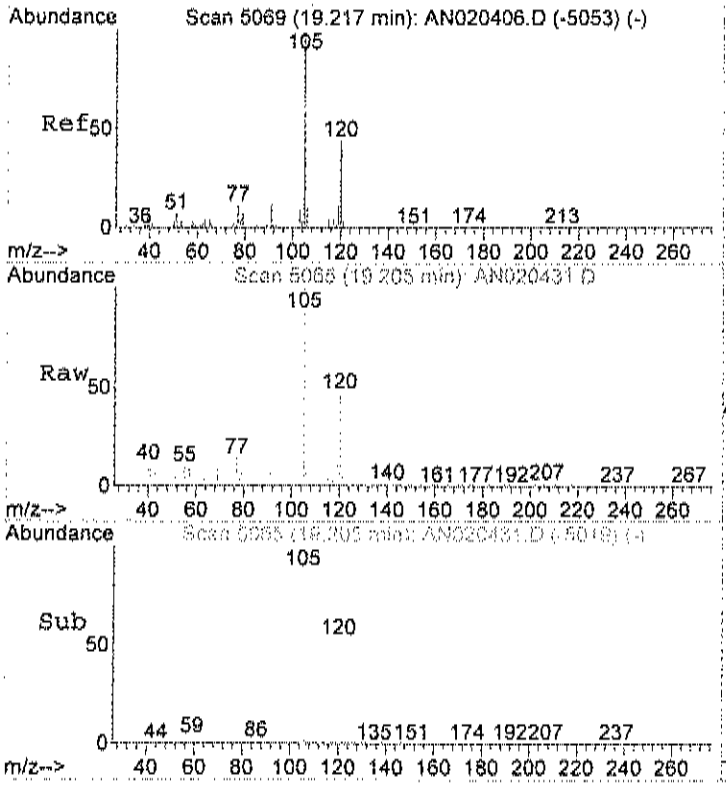


#71
1,3,5-trimethylbenzene
Concen: 0.42 ppb m
RT: 18.77 min Scan# 4920
Delta R.T. -0.01 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion:105 Resp: 52818

Ion	Ratio	Lower	Upper
105	100		
120	90.8	0.0	20.0#

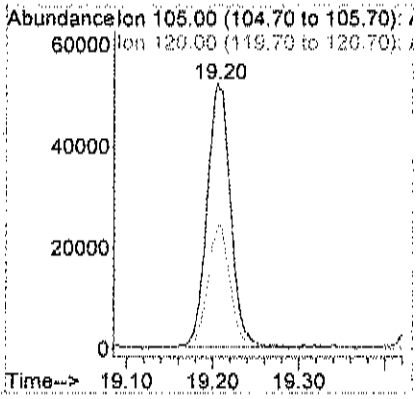




#72
1,2,4-trimethylbenzene
Concen: 0.91 ppb
RT: 19.20 min Scan# 5065
Delta R.T. -0.01 min
Lab File: AN020431.D
Acq: 5 Feb 2016 4:13 am

Tgt Ion:105 Resp: 98546

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.1	62.1



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020420.D Vial: 18
Acq On : 4 Feb 2016 9:14 pm Operator: RJP
Sample : C1602007-001A 10X Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 05 06:39:04 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.84	128	22669	1.00	ppb	0.02
35) 1,4-difluorobenzene	12.10	114	100374	1.00	ppb	0.00
50) Chlorobenzene-d5	16.58	117	88071	1.00	ppb	0.00
System Monitoring Compounds						
66) Bromofluorobenzene	18.16	95	53926	0.90	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 90.00%			
Target Compounds						Qvalue
15) Acetone	6.07	58	13773	1.44	ppb	# 4
28) Methyl Ethyl Ketone	8.98	72	4678	0.32	ppb	# 100
51) Toluene	14.70	92	14411	0.24	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

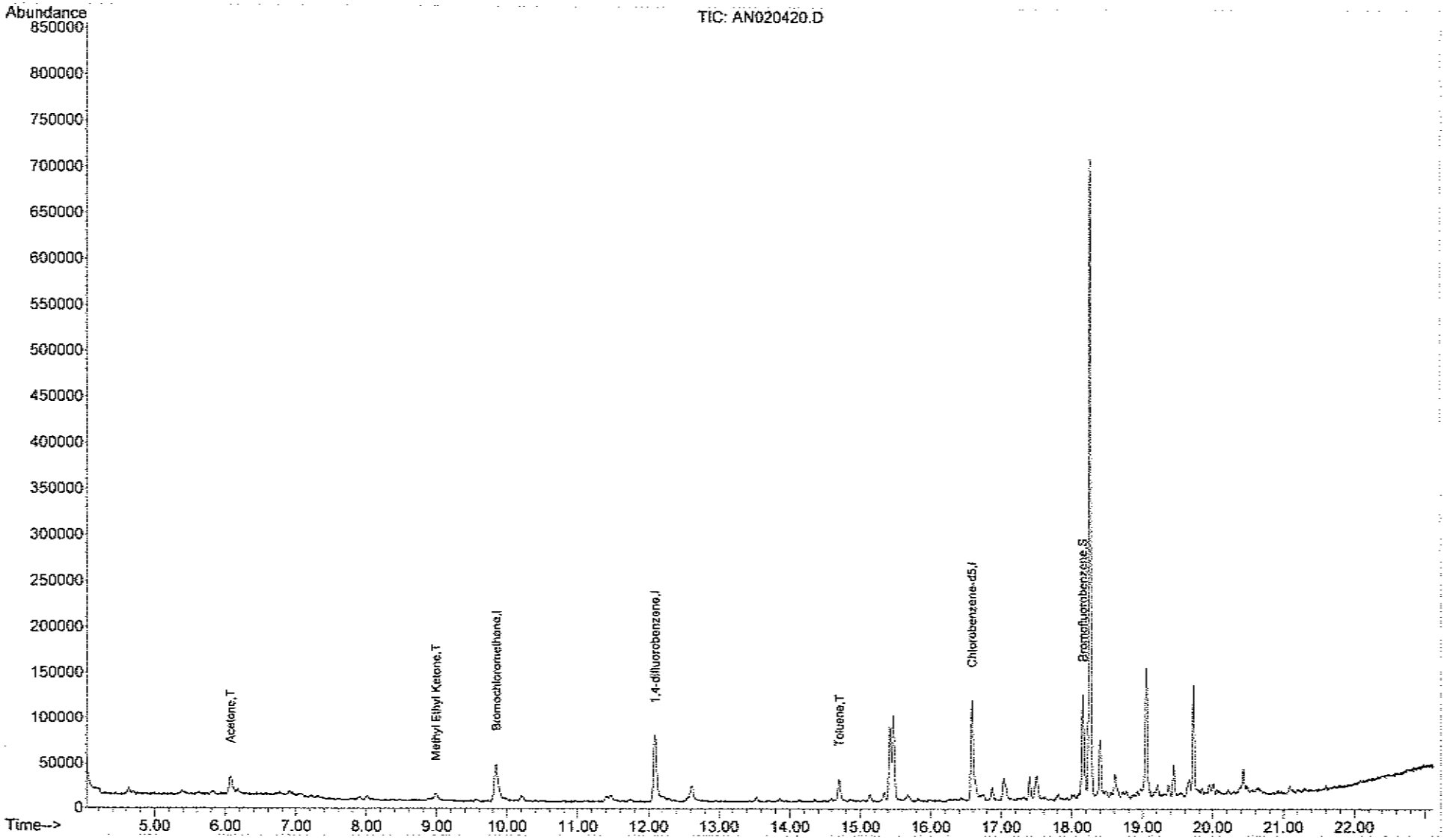
Quantitation Report (QT Reviewed)

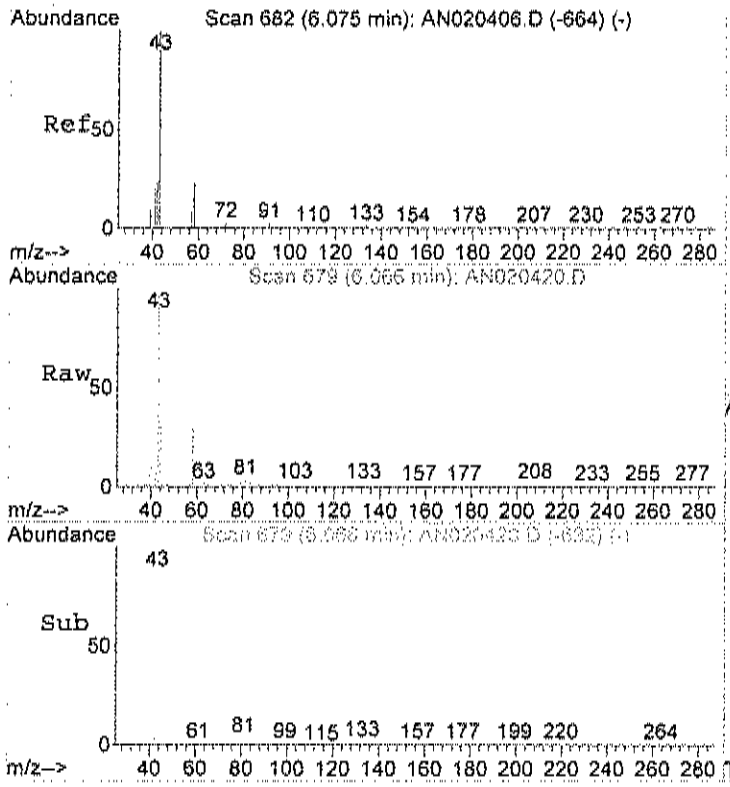
Data File : C:\HPCHEM\1\DATA\AN020420.D
Acq On : 4 Feb 2016 9:14 pm
Sample : C1602007-001A 10X
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 8 10:24 2016

Vial: 18
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration

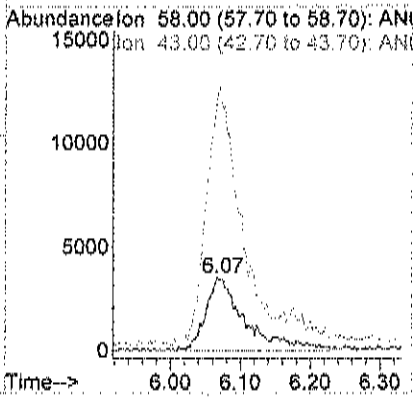


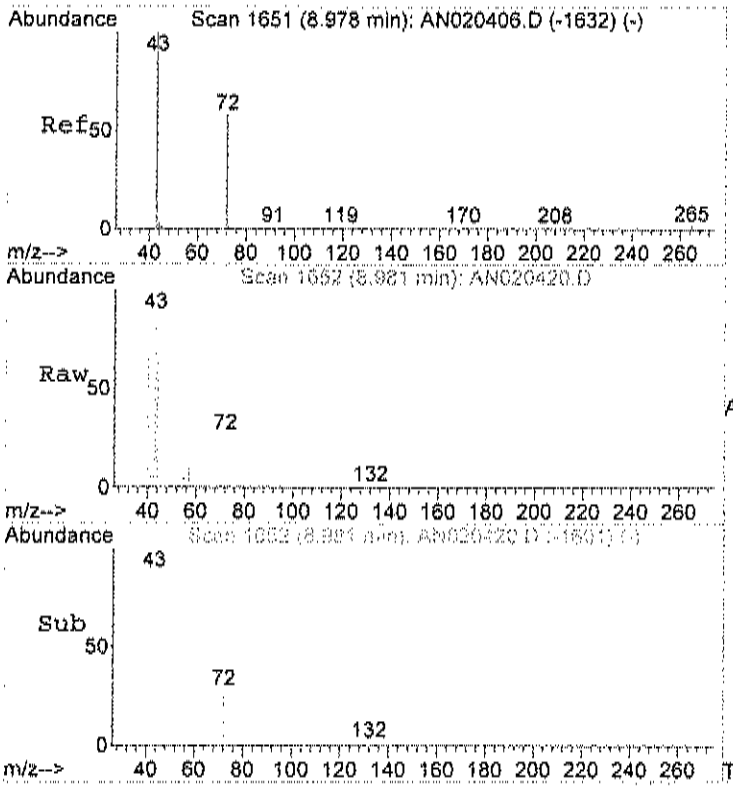


#15
Acetone
Concen: 1.44 ppb
RT: 6.07 min Scan# 679
Delta R.T. -0.01 min
Lab File: AN020420.D
Acq: 4 Feb 2016 9:14 pm

Tgt Ion: 58 Resp: 13773

Ion	Ratio	Lower	Upper
58	100		
43	360.4	661.8	721.8#

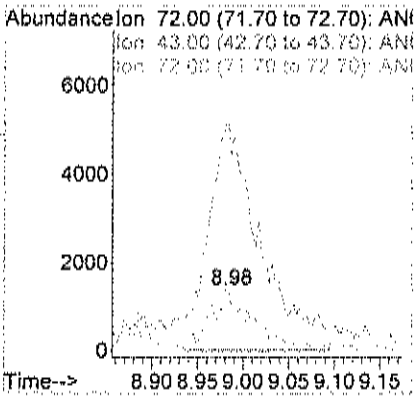


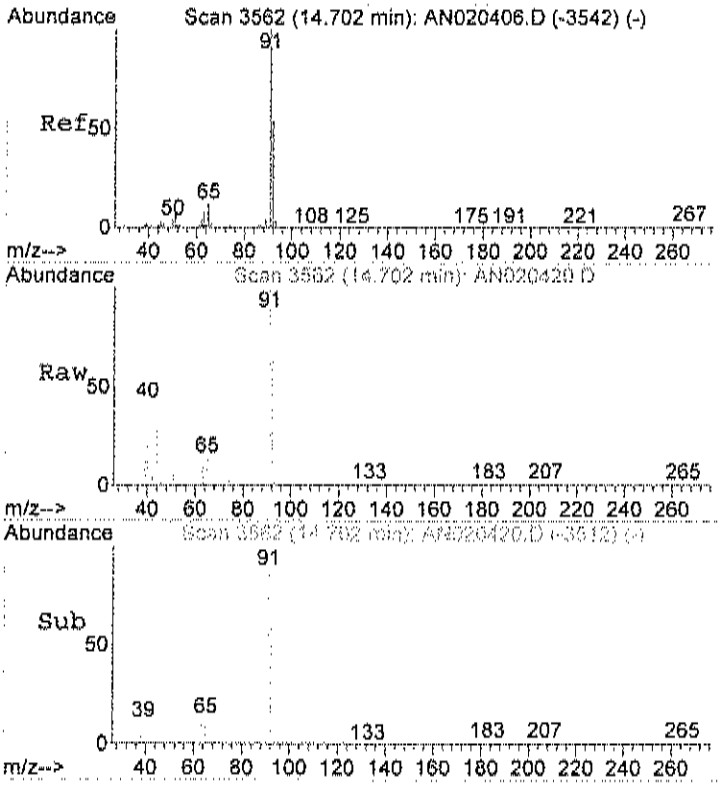


#28
Methyl Ethyl Ketone
Concen: 0.32 ppb
RT: 8.98 min Scan# 1652
Delta R.T. 0.00 min
Lab File: AN020420.D
Acq: 4 Feb 2016 9:14 pm

Tgt Ion: 72 Resp: 4678

Ion	Ratio	Lower	Upper
72	100		
43	0.0	0.0	20.0
72	100.0	80.0	120.0

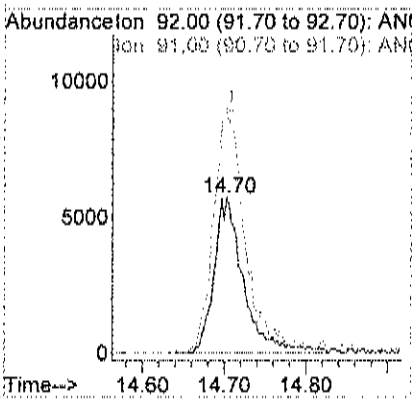




#51
Toluene
Concen: 0.24 ppb
RT: 14.70 min Scan# 3562
Delta R.T. 0.00 min
Lab File: AN020420.D
Acq: 4 Feb 2016 9:14 pm

Tgt Ion: 92 Resp: 14411

Ion	Ratio	Lower	Upper
92	100		
91	173.7	152.5	192.5



Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	SS-2
Lab Order:	C1602007	**Tag Number:**	236.374
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		2/3/2016
Lab Vacuum Out	-30			"Hg		2/3/2016
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,2,4-Trimethylbenzene	1.0	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,3,5-Trimethylbenzene	0.42	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/5/2016 4:52:00 AM
2,2,4-trimethylpentane	0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
4-ethyltoluene	0.33	0.15		ppbV	1	2/5/2016 4:52:00 AM
Acetone	18	3.0		ppbV	10	2/4/2016 9:50:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Benzene	0.61	0.15		ppbV	1	2/5/2016 4:52:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Bromoform	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Chloroform	0.14	0.15	J	ppbV	1	2/5/2016 4:52:00 AM
Chloromethane	0.18	0.15		ppbV	1	2/5/2016 4:52:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Cyclohexane	1.6	0.15		ppbV	1	2/5/2016 4:52:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Ethyl acetate	0.79	0.25		ppbV	1	2/5/2016 4:52:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	SS-2
Lab Order:	C1602007	**Tag Number:**	236.374
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
Ethylbenzene	0.78	0.15		ppbV	1	2/5/2016 4:52:00 AM
Freon 11	0.51	0.15		ppbV	1	2/5/2016 4:52:00 AM
Freon 113	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Freon 114	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Freon 12	0.57	0.15		ppbV	1	2/5/2016 4:52:00 AM
Heptane	0.90	0.15		ppbV	1	2/5/2016 4:52:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Hexane	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Isopropyl alcohol	3.1	1.5		ppbV	10	2/4/2016 9:50:00 PM
m&p-Xylene	2.8	0.30		ppbV	1	2/5/2016 4:52:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/5/2016 4:52:00 AM
Methyl Ethyl Ketone	2.7	3.0	J	ppbV	10	2/4/2016 9:50:00 PM
Methyl Isobutyl Ketone	0.32	0.30		ppbV	1	2/5/2016 4:52:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Methylene chloride	1.3	0.15		ppbV	1	2/5/2016 4:52:00 AM
o-Xylene	0.79	0.15		ppbV	1	2/5/2016 4:52:00 AM
Propylene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Styrene	0.92	0.15		ppbV	1	2/5/2016 4:52:00 AM
Tetrachloroethylene	2.5	1.5		ppbV	10	2/4/2016 9:50:00 PM
Tetrahydrofuran	1.9	0.15		ppbV	1	2/5/2016 4:52:00 AM
Toluene	3.3	1.5		ppbV	10	2/4/2016 9:50:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Trichloroethene	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	2/5/2016 4:52:00 AM
Surr: Bromofluorobenzene	103	70-130		%REC	1	2/5/2016 4:52:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	SS-2
Lab Order:	C1602007	**Tag Number:**	236.374
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/5/2016 4:52:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/5/2016 4:52:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/5/2016 4:52:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/5/2016 4:52:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/5/2016 4:52:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/5/2016 4:52:00 AM
1,2,4-Trimethylbenzene	5.0	0.74		ug/m3	1	2/5/2016 4:52:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/5/2016 4:52:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/5/2016 4:52:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/5/2016 4:52:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/5/2016 4:52:00 AM
1,3,5-Trimethylbenzene	2.1	0.74		ug/m3	1	2/5/2016 4:52:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/5/2016 4:52:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/5/2016 4:52:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/5/2016 4:52:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/5/2016 4:52:00 AM
2,2,4-trimethylpentane	0.70	0.70		ug/m3	1	2/5/2016 4:52:00 AM
4-ethyltoluene	1.6	0.74		ug/m3	1	2/5/2016 4:52:00 AM
Acetone	43	7.1		ug/m3	10	2/4/2016 9:50:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/5/2016 4:52:00 AM
Benzene	1.9	0.48		ug/m3	1	2/5/2016 4:52:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/5/2016 4:52:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/5/2016 4:52:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	2/5/2016 4:52:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	2/5/2016 4:52:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/5/2016 4:52:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	2/5/2016 4:52:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/5/2016 4:52:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	2/5/2016 4:52:00 AM
Chloroform	0.68	0.73	J	ug/m3	1	2/5/2016 4:52:00 AM
Chloromethane	0.37	0.31		ug/m3	1	2/5/2016 4:52:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/5/2016 4:52:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/5/2016 4:52:00 AM
Cyclohexane	5.4	0.52		ug/m3	1	2/5/2016 4:52:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/5/2016 4:52:00 AM
Ethyl acetate	2.8	0.90		ug/m3	1	2/5/2016 4:52:00 AM
Ethylbenzene	3.4	0.65		ug/m3	1	2/5/2016 4:52:00 AM
Freon 11	2.9	0.84		ug/m3	1	2/5/2016 4:52:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	2/5/2016 4:52:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	2/5/2016 4:52:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	SS-2
Lab Order:	C1602007	**Tag Number:**	236.374
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	2.8	0.74		ug/m3	1	2/5/2016 4:52:00 AM
Heptane	3.7	0.61		ug/m3	1	2/5/2016 4:52:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/5/2016 4:52:00 AM
Hexane	< 0.53	0.53		ug/m3	1	2/5/2016 4:52:00 AM
Isopropyl alcohol	7.6	3.7		ug/m3	10	2/4/2016 9:50:00 PM
m&p-Xylene	12	1.3		ug/m3	1	2/5/2016 4:52:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/5/2016 4:52:00 AM
Methyl Ethyl Ketone	8.0	8.8	J	ug/m3	10	2/4/2016 9:50:00 PM
Methyl Isobutyl Ketone	1.3	1.2		ug/m3	1	2/5/2016 4:52:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/5/2016 4:52:00 AM
Methylene chloride	4.5	0.52		ug/m3	1	2/5/2016 4:52:00 AM
o-Xylene	3.4	0.65		ug/m3	1	2/5/2016 4:52:00 AM
Propylene	< 0.26	0.26		ug/m3	1	2/5/2016 4:52:00 AM
Styrene	3.9	0.64		ug/m3	1	2/5/2016 4:52:00 AM
Tetrachloroethylene	17	10		ug/m3	10	2/4/2016 9:50:00 PM
Tetrahydrofuran	5.7	0.44		ug/m3	1	2/5/2016 4:52:00 AM
Toluene	12	5.7		ug/m3	10	2/4/2016 9:50:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/5/2016 4:52:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/5/2016 4:52:00 AM
Trichloroethene	< 0.81	0.81		ug/m3	1	2/5/2016 4:52:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/5/2016 4:52:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/5/2016 4:52:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	2/5/2016 4:52:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020432.D
Acq On : 5 Feb 2016 4:52 am
Sample : C1602007-002A
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 05 06:39:16 2016

Vial: 30
Operator: RJP
Inst : MSD #1
Multiplr: 1.00
Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.81	128	30322	1.00	ppb		0.00
35) 1,4-difluorobenzene	12.08	114	136606	1.00	ppb		-0.01
50) Chlorobenzene-d5	16.58	117	88623	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.15	95	62123m	1.03	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 103.00%				
Target Compounds							Qvalue
3) Freon 12	4.20	85	74959	0.57	ppb		99
4) Chloromethane	4.40	50	7317	0.18	ppb		72
14) Freon 11	5.82	101	67339	0.51	ppb		96
15) Acetone	6.02	58	186413	14.54	ppb	#	6
17) Isopropyl alcohol	6.14	45	90368	2.44	ppb	#	46
21) Methylene chloride	7.06	84	51223	1.29	ppb		89
28) Methyl Ethyl Ketone	8.94	72	46597	2.37	ppb	#	100
31) Ethyl acetate	9.53	43	73968	0.79	ppb		95
32) Chloroform	9.96	83	13886	0.14	ppb		95
33) Tetrahydrofuran	10.16	42	87765	1.92	ppb		98
34) 1,2-dichloroethane	11.09	62	3214	0.05	ppb		89
37) Cyclohexane	11.46	56	100792	1.56	ppb	#	59
39) Benzene	11.39	78	73630	0.61	ppb		99
42) 2,2,4-trimethylpentane	12.20	57	33087	0.15	ppb	#	42
43) Heptane	12.55	43	61379m	0.90	ppb		
51) Toluene	14.69	92	230764	3.89	ppb		96
52) Methyl Isobutyl Ketone	13.84	43	26281	0.32	ppb		91
56) Tetrachloroethylene	15.68	164	115720	2.77	ppb		98
59) Ethylbenzene	16.86	91	101701	0.78	ppb		100
60) m&p-xylene	17.03	91	276203	2.77	ppb		93
62) Styrene	17.48	104	70708	0.92	ppb		88
64) o-xylene	17.50	91	90795	0.79	ppb		88
70) 4-ethyltoluene	18.71	105	42982m	0.33	ppb		
71) 1,3,5-trimethylbenzene	18.77	105	53018m	0.42	ppb		
72) 1,2,4-trimethylbenzene	19.21	105	110005	1.01	ppb		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

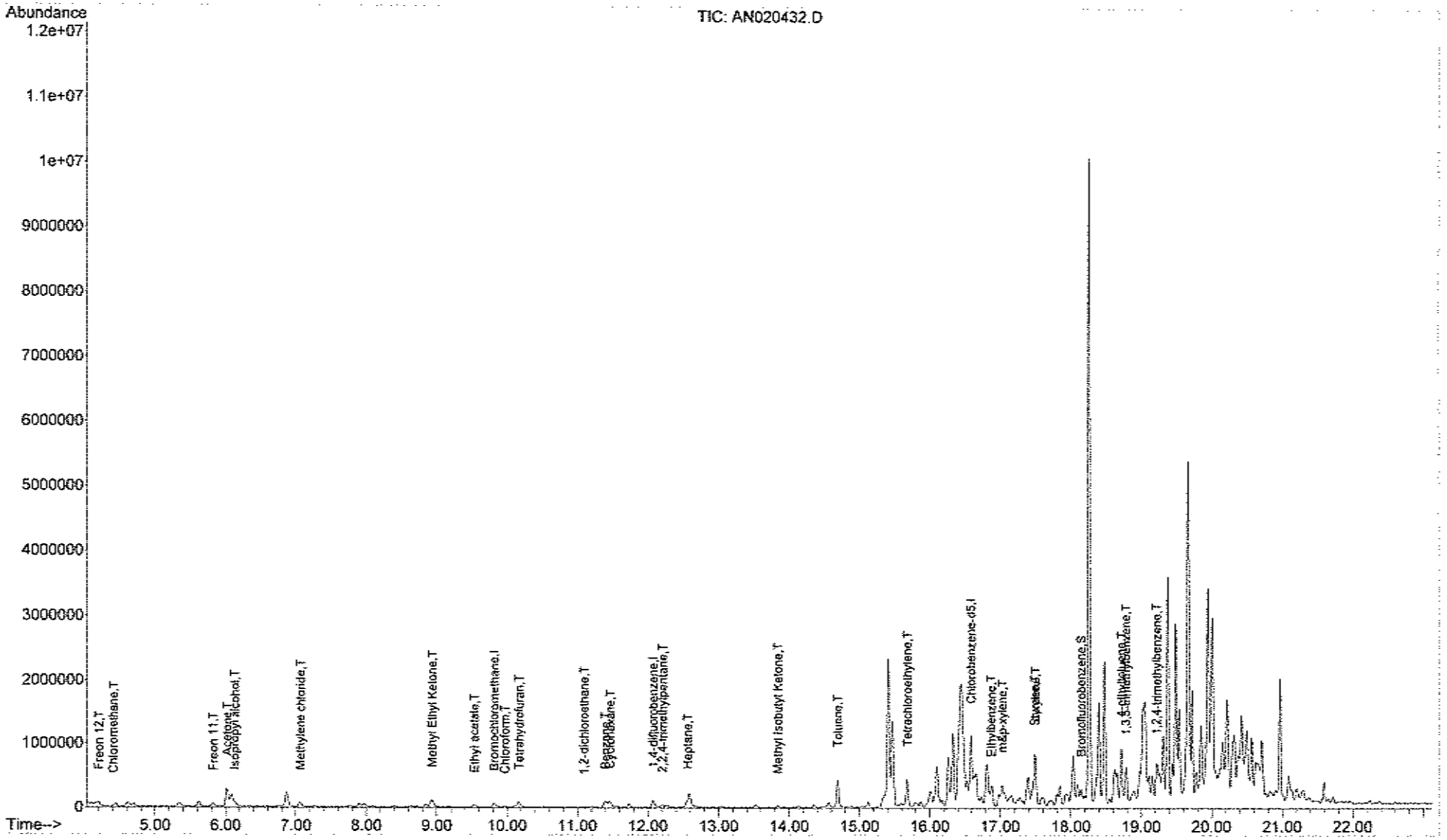
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020432.D
Acq On : 5 Feb 2016 4:52 am
Sample : C1602007-002A
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 8 8:57 2016

Vial: 30
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration



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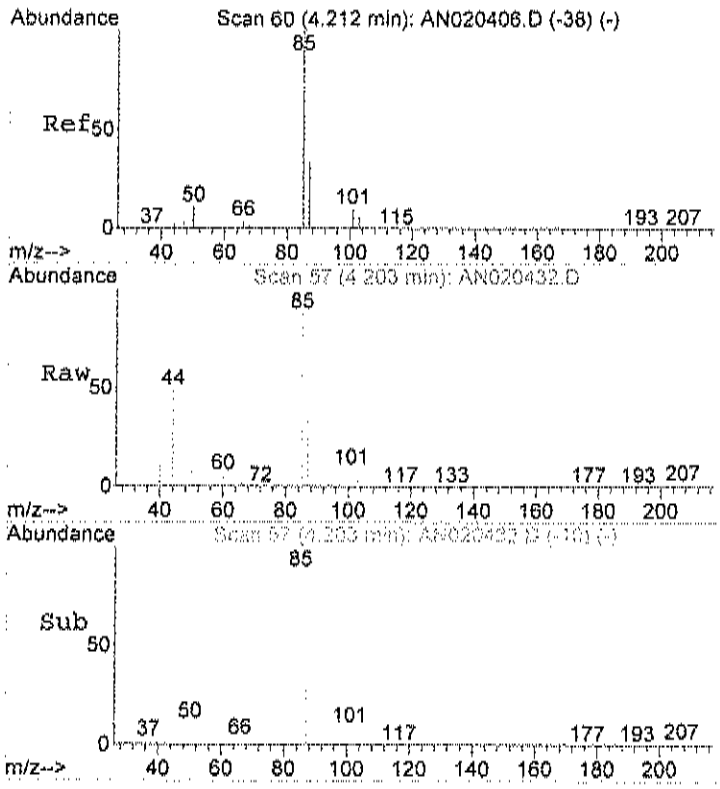
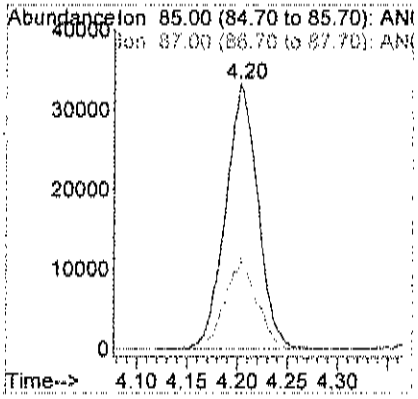
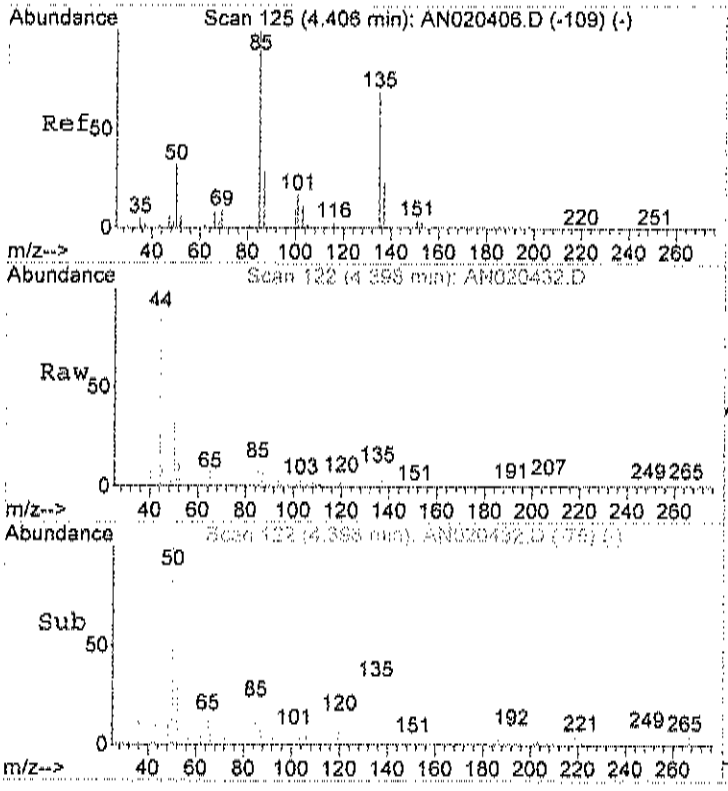


#3
Freon 12
Concen: 0.57 ppb
RT: 4.20 min Scan# 57
Delta R.T. -0.01 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 85 Resp: 74959

Ion	Ratio	Lower	Upper
85	100		
87	33.2	12.5	52.5

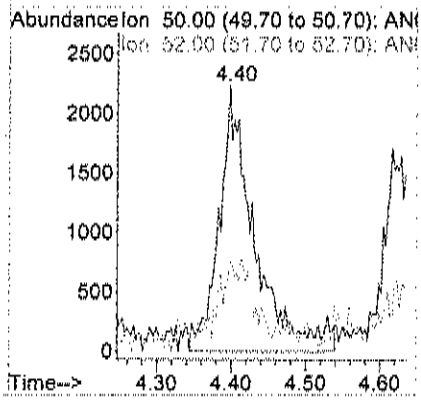


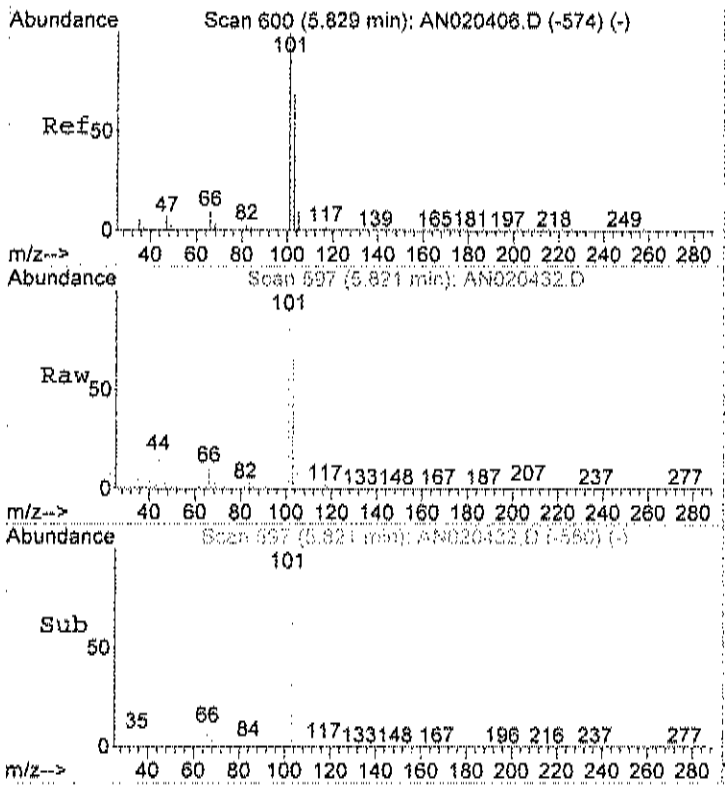


#4
Chloromethane
Concen: 0.18 ppb
RT: 4.40 min Scan# 122
Delta R.T. -0.01 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 50 Resp: 7317

Ion	Ratio	Lower	Upper
50	100		
52	44.0	9.2	49.2

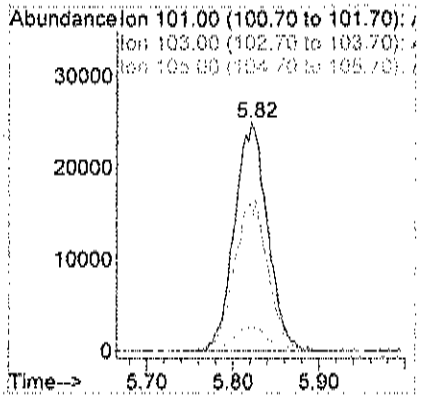


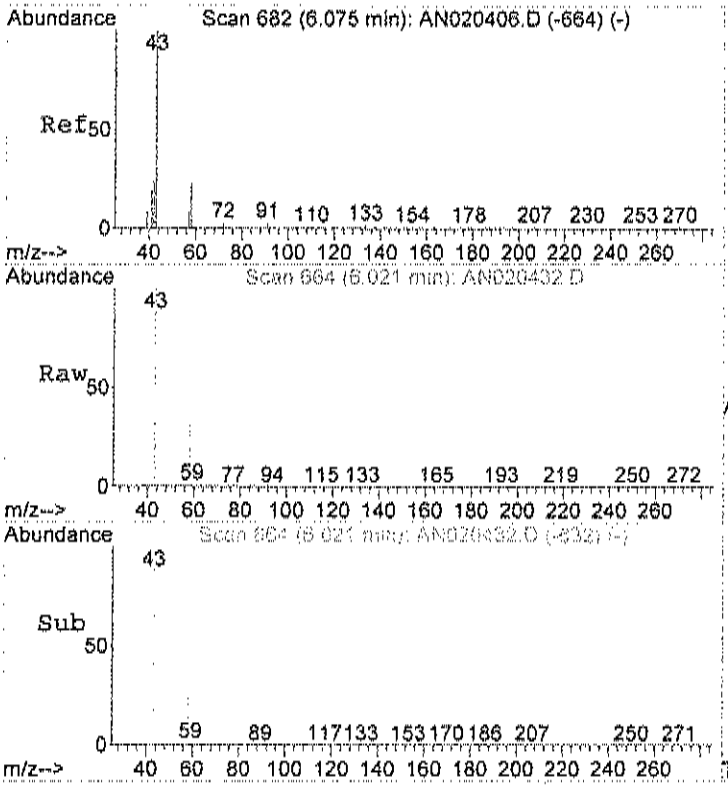


#14
Freon 11
Concen: 0.51 ppb
RT: 5.82 min Scan# 597
Delta R.T. -0.01 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion:101 Resp: 67339

Ion	Ratio	Lower	Upper
101	100		
103	67.6	44.6	84.6
105	12.7	0.0	31.6

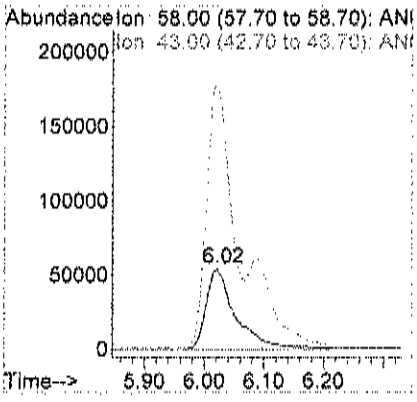


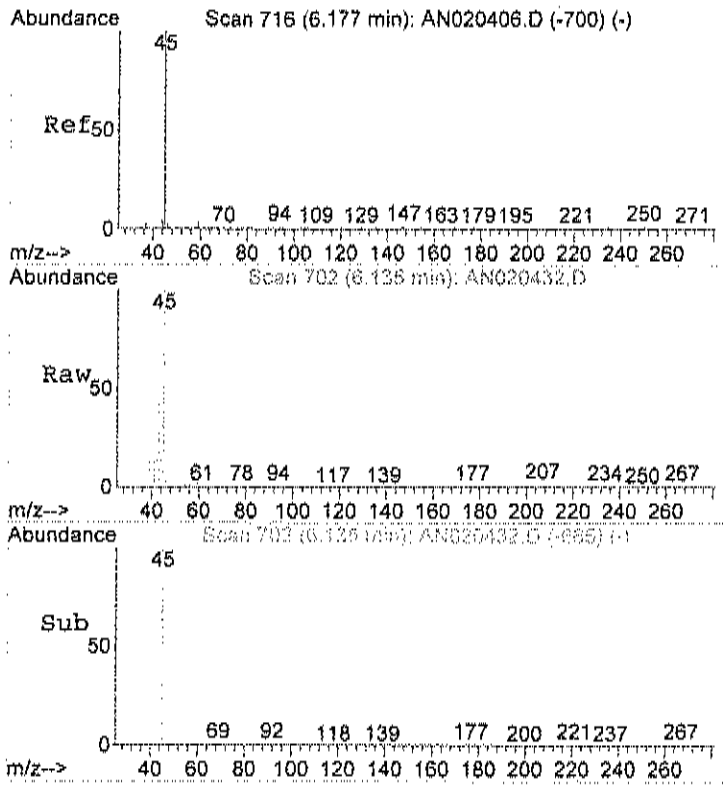


#15
Acetone
Concen: 14.54 ppb
RT: 6.02 min Scan# 664
Delta R.T. -0.05 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 58 Resp: 186413

Ion	Ratio	Lower	Upper
58	100		
43	366.5	661.8	721.8#

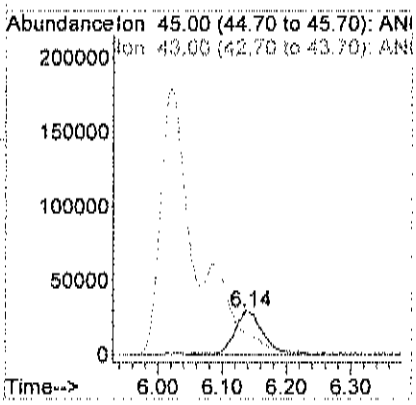


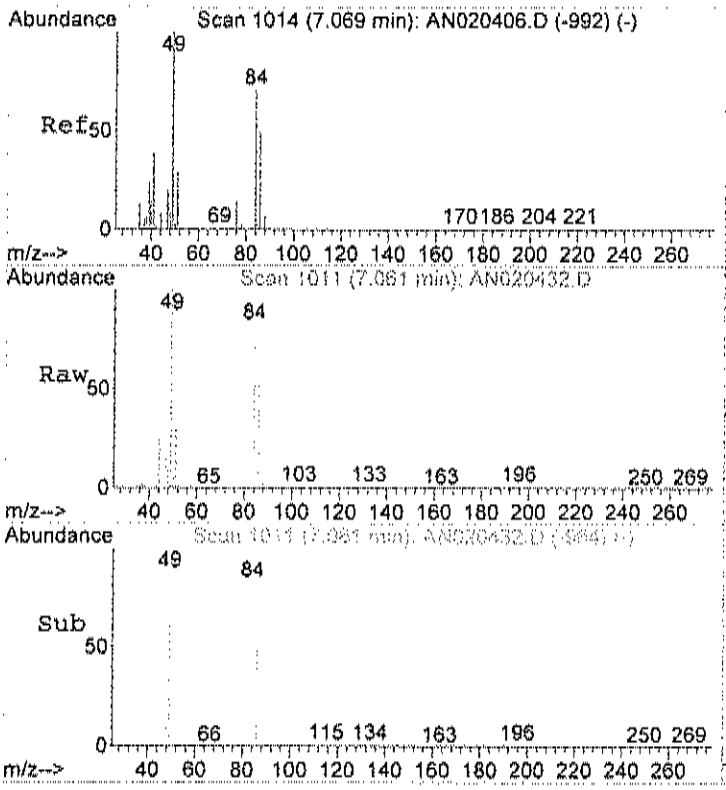


#17
Isopropyl alcohol
Concen: 2.44 ppb
RT: 6.14 min Scan# 702
Delta R.T. -0.04 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 45 Resp: 90368

Ion	Ratio	Lower	Upper
45	100		
43	0.0	8.9	48.9#

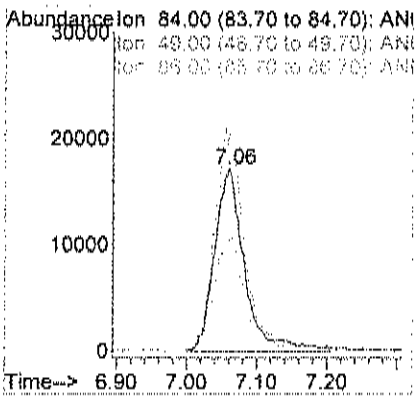


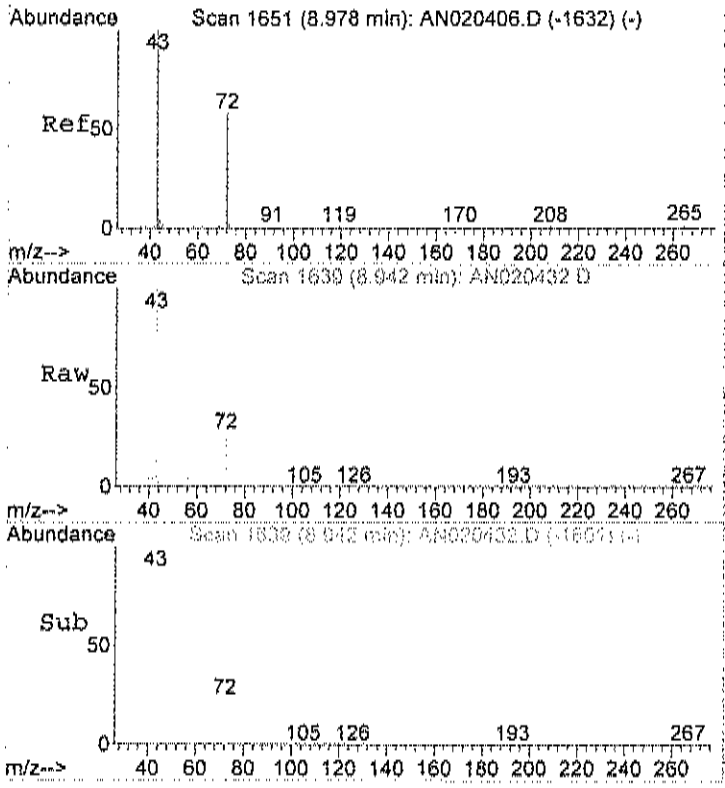


#21
Methylene chloride
Concen: 1.29 ppb
RT: 7.06 min Scan# 1011
Delta R.T. -0.01 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 84 Resp: 51223

Ion	Ratio	Lower	Upper
84	100		
49	124.9	87.8	127.8
86	65.3	43.1	83.1

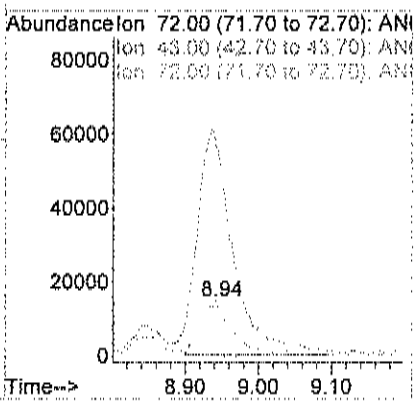


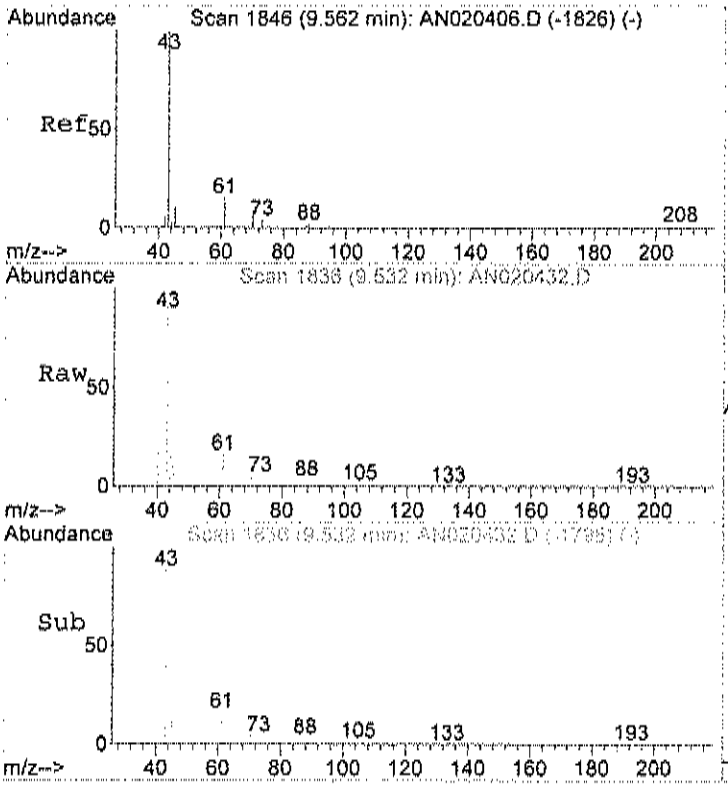


#28
Methyl Ethyl Ketone
Concen: 2.37 ppb
RT: 8.94 min Scan# 1639
Delta R.T. -0.04 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 72 Resp: 46597

Ion	Ratio	Lower	Upper
72	100		
43	0.0	0.0	20.0
72	100.0	80.0	120.0

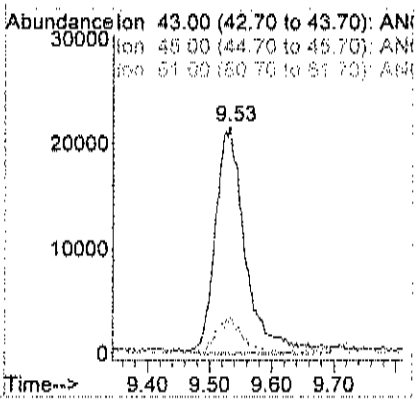


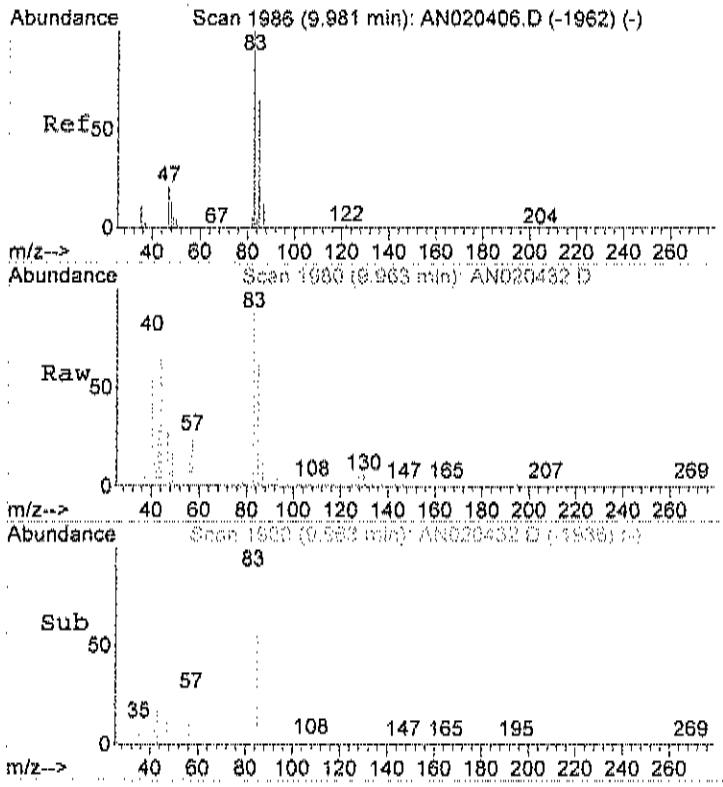


#31
Ethyl acetate
Concen: 0.79 ppb
RT: 9.53 min Scan# 1836
Delta R.T. -0.03 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 43 Resp: 73968

Ion	Ratio	Lower	Upper
43	100		
45	16.9	0.0	33.8
61	14.6	0.0	33.3

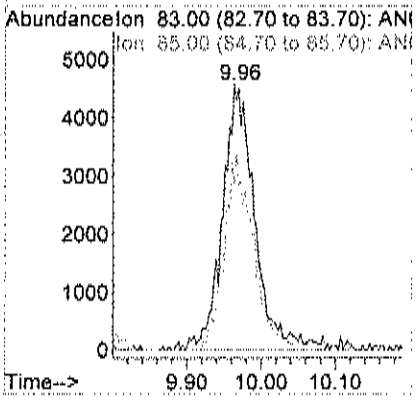


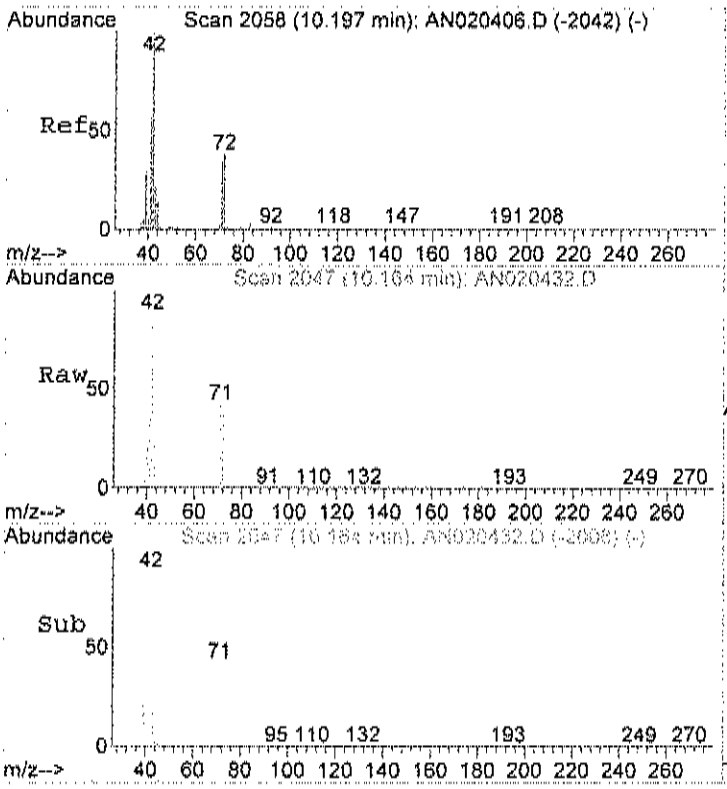


#32
Chloroform
Concen: 0.14 ppb
RT: 9.96 min Scan# 1980
Delta R.T. -0.02 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 83 Resp: 13886

Ion	Ratio	Lower	Upper
83	100		
85	68.0	43.9	83.9

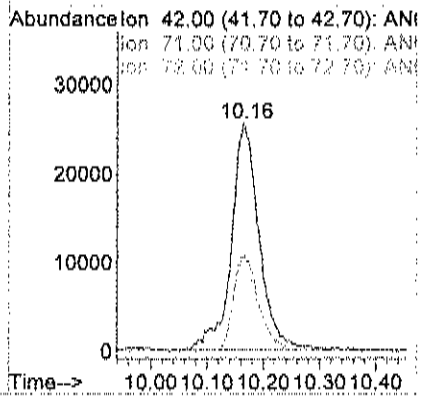


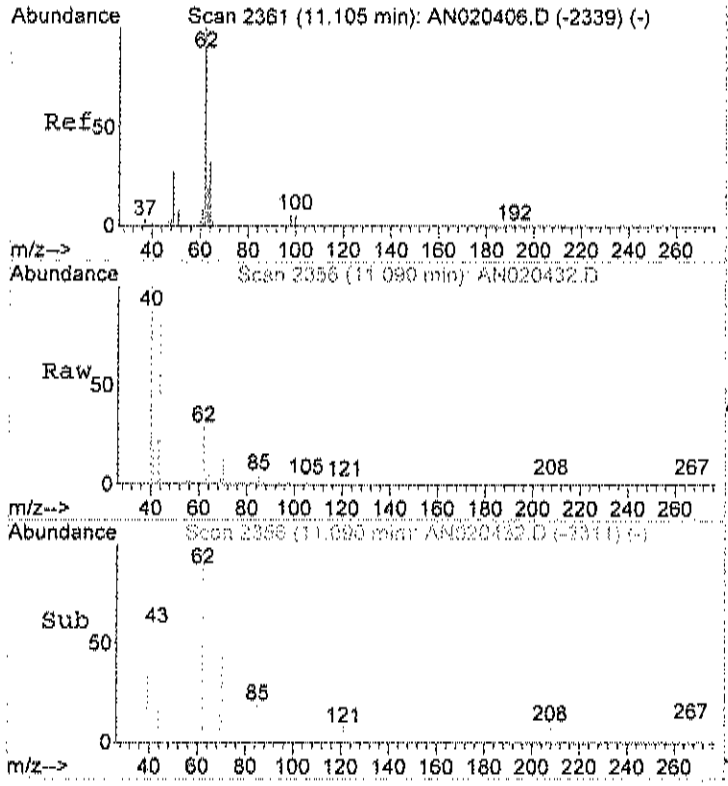


#33
Tetrahydrofuran
Concen: 1.92 ppb
RT: 10.16 min Scan# 2047
Delta R.T. -0.03 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 42 Resp: 87765

Ion	Ratio	Lower	Upper
42	100		
71	39.2	20.0	60.0
72	41.0	19.1	59.1

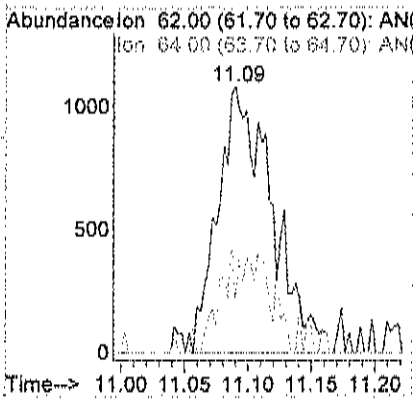


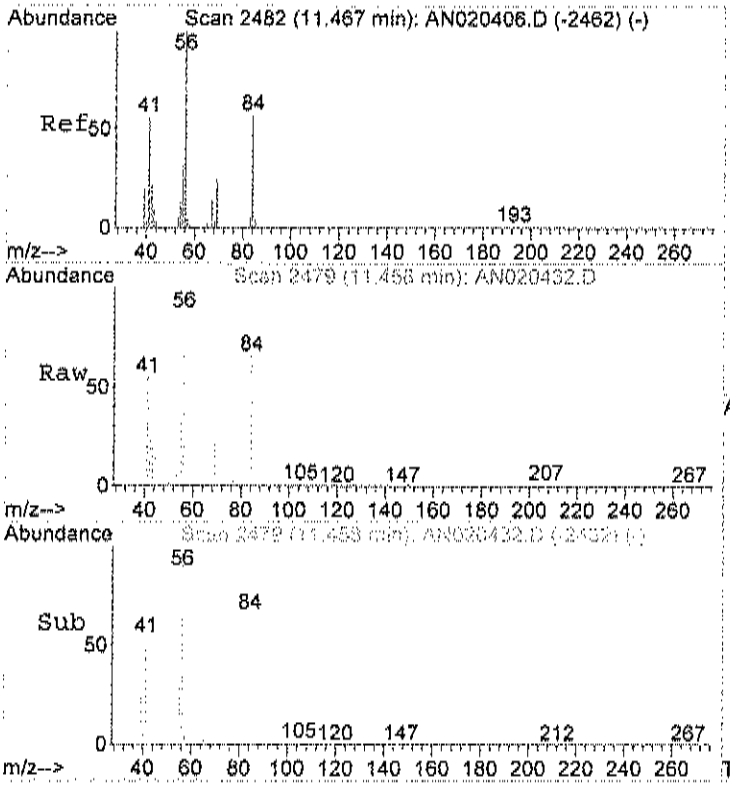


#34
1,2-dichloroethane
Concen: 0.05 ppb
RT: 11.09 min Scan# 2356
Delta R.T. -0.01 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 62 Resp: 3214

Ion	Ratio	Lower	Upper
62	100		
64	33.0	20.1	60.1

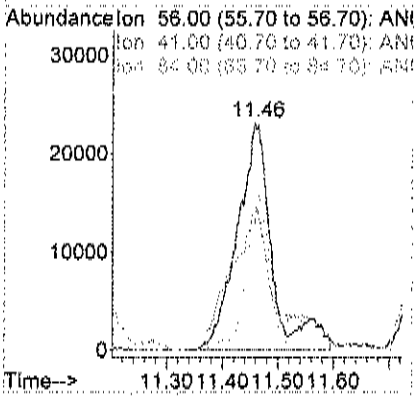


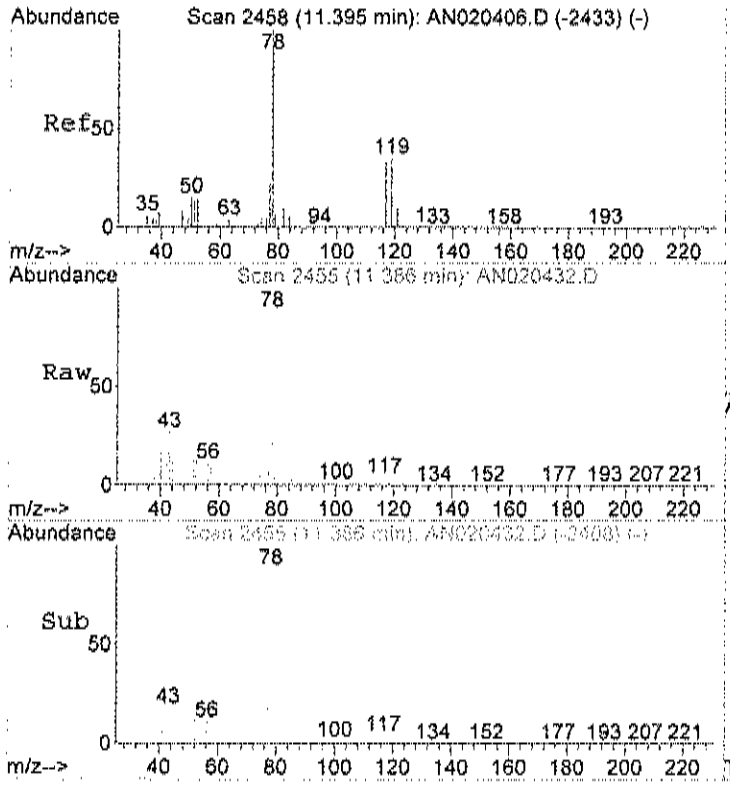


#37
Cyclohexane
Concen: 1.56 ppb
RT: 11.46 min Scan# 2479
Delta R.T. -0.01 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 56 Resp: 100792

Ion	Ratio	Lower	Upper
56	100		
41	77.9	47.3	87.3
84	47.2	88.1	128.1#

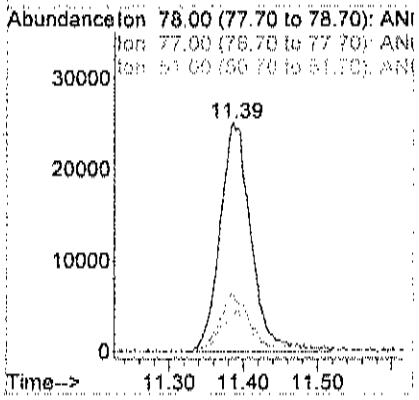


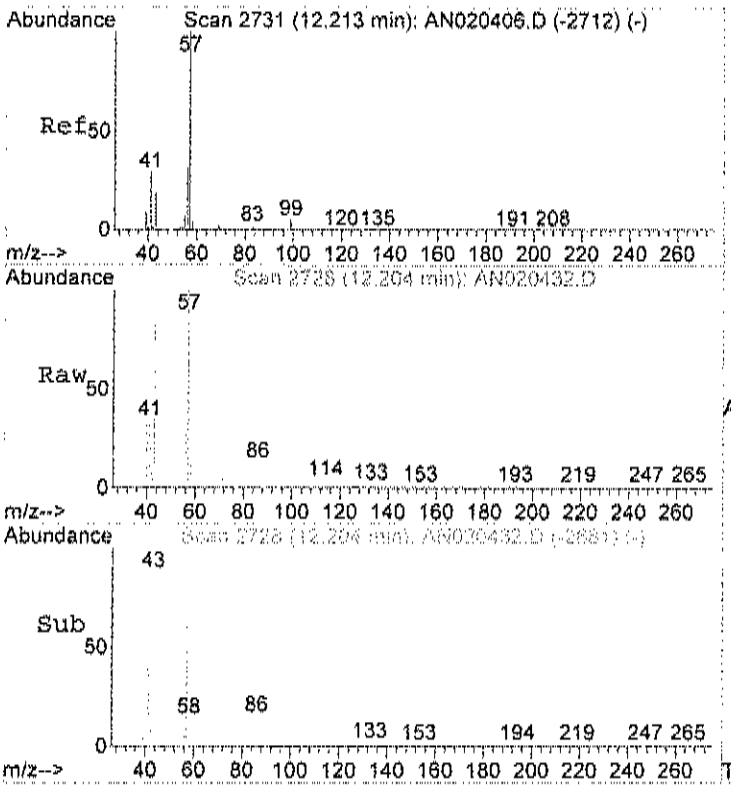


#39
Benzene
Concen: 0.61 ppb
RT: 11.39 min Scan# 2455
Delta R.T. -0.01 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 78 Resp: 73630

Ion	Ratio	Lower	Upper
78	100		
77	26.1	6.0	46.0
51	21.3	2.1	42.1

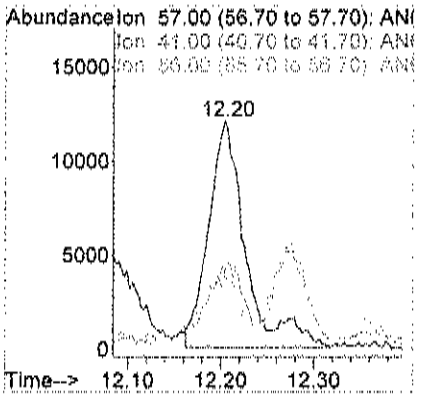


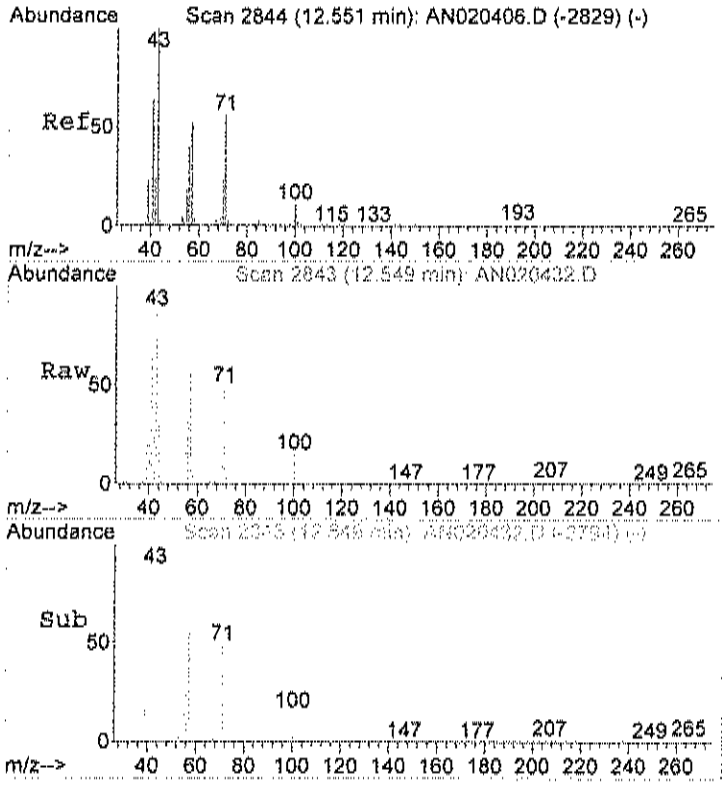


#42
2,2,4-trimethylpentane
Concen: 0.15 ppb
RT: 12.20 min Scan# 2728
Delta R.T. -0.01 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 57 Resp: 33087

Ion	Ratio	Lower	Upper
57	100		
41	0.0	14.1	54.1#
56	0.0	11.4	51.4#

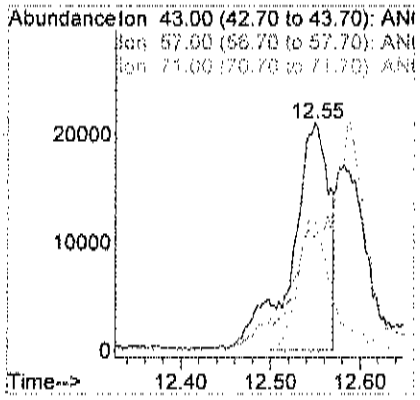


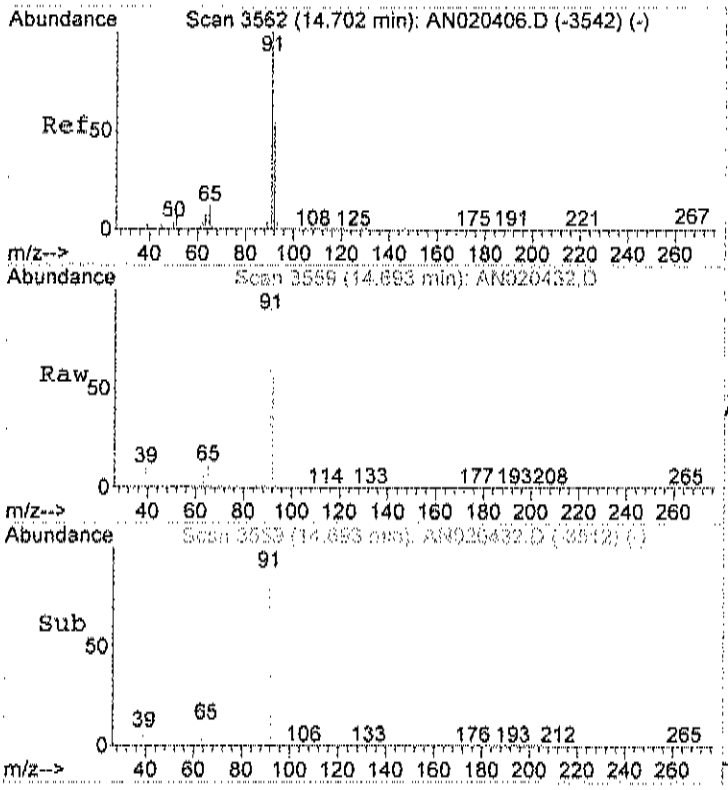


#43
Heptane
Concen: 0.90 ppb m
RT: 12.55 min Scan# 2843
Delta R.T. -0.00 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 43 Resp: 61379

Ion	Ratio	Lower	Upper
43	100		
57	141.2	31.3	71.3#
71	50.8	34.8	74.8

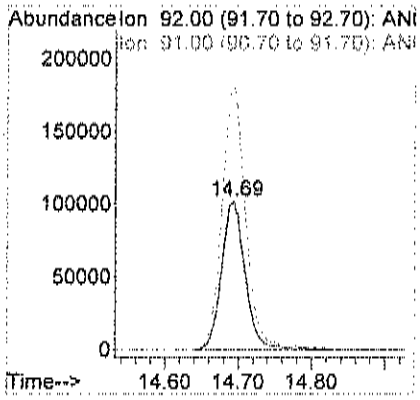


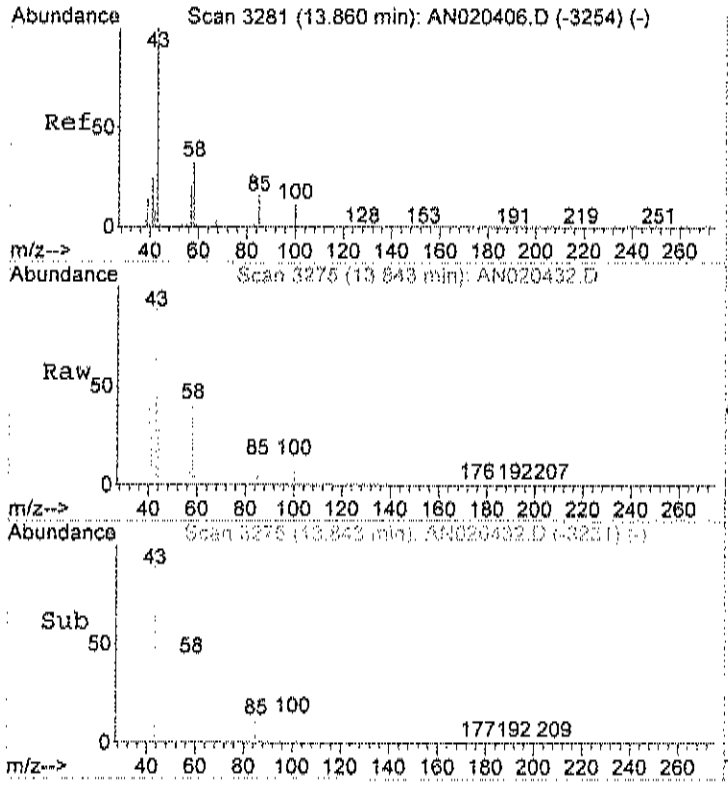


#51
Toluene
Concen: 3.89 ppb
RT: 14.69 min Scan# 3559
Delta R.T. -0.01 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 92 Resp: 230764

Ion	Ratio	Lower	Upper
92	100		
91	178.0	152.5	192.5

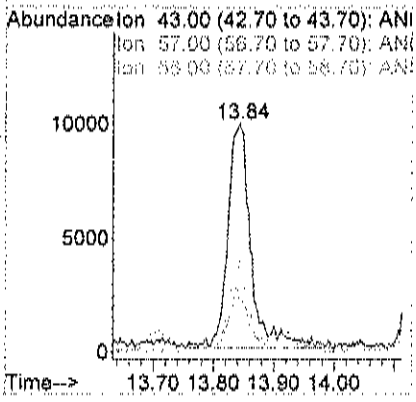


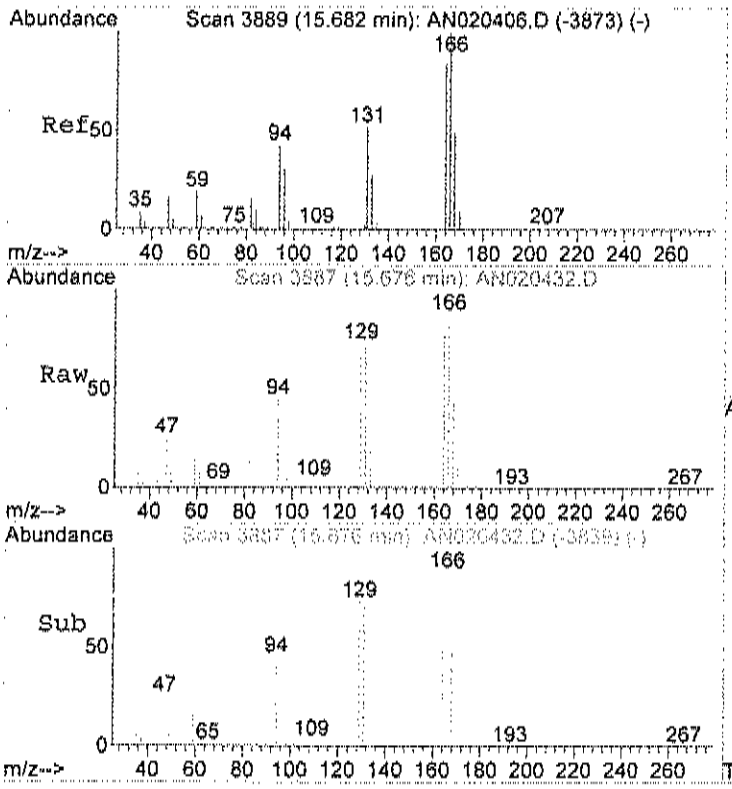


#52
Methyl Isobutyl Ketone
Concen: 0.32 ppb
RT: 13.84 min Scan# 3275
Delta R.T. -0.02 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 43 Resp: 26281

Ion	Ratio	Lower	Upper
43	100		
57	34.6	6.1	46.1
58	34.4	16.5	56.5

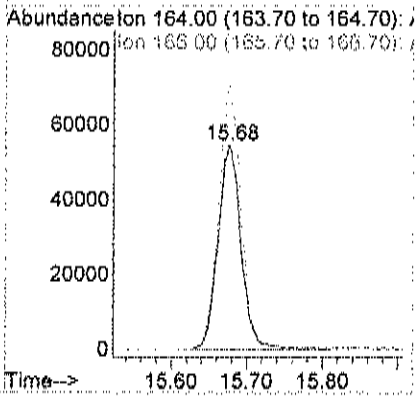


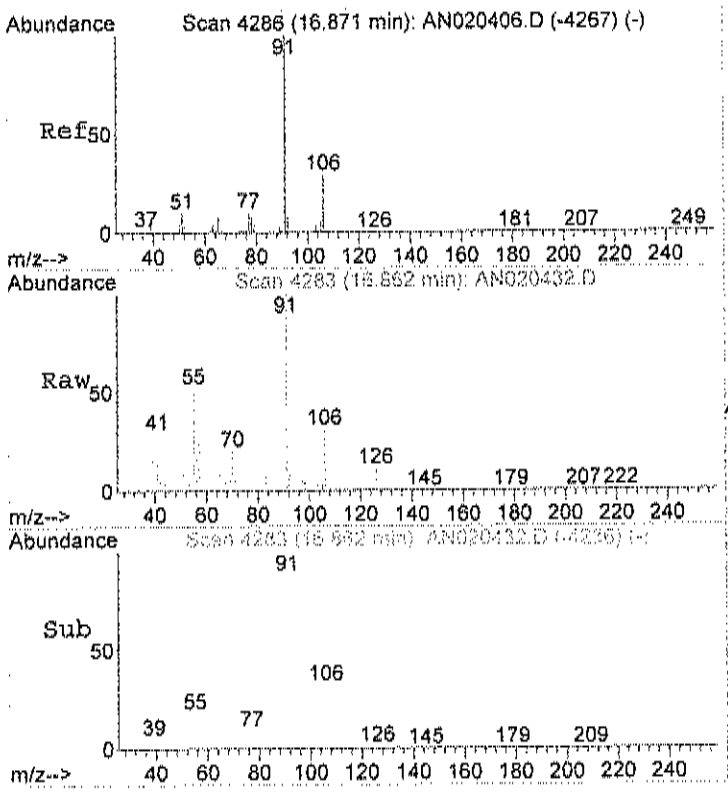


#56
Tetrachloroethylene
Concen: 2.77 ppb
RT: 15.68 min Scan# 3887
Delta R.T. -0.01 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion:164 Resp: 115720

Ion	Ratio	Lower	Upper
164	100		
166	126.8	108.6	148.6

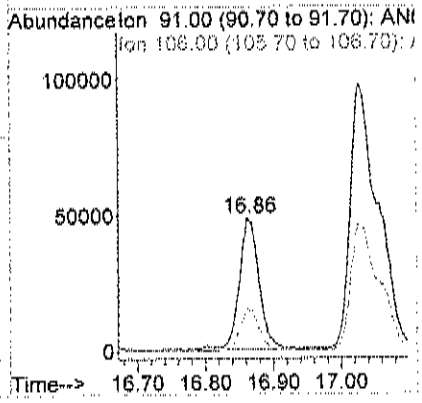


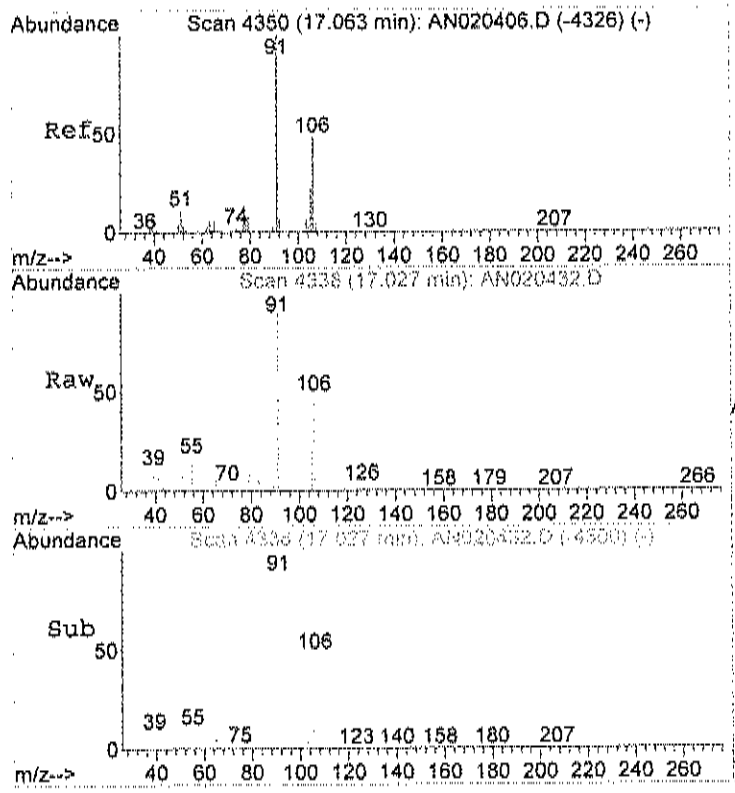


#59
Ethylbenzene
Concen: 0.78 ppb
RT: 16.86 min Scan# 4283
Delta R.T. -0.01 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 91 Resp: 101701

Ion	Ratio	Lower	Upper
91	100		
106	30.1	9.9	49.9

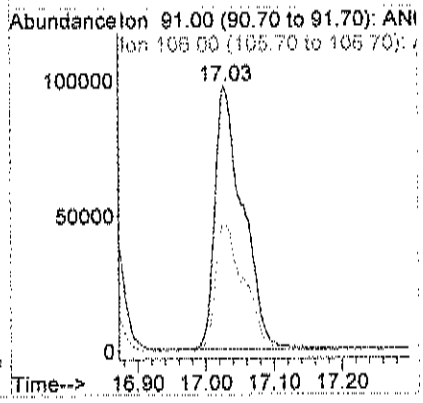


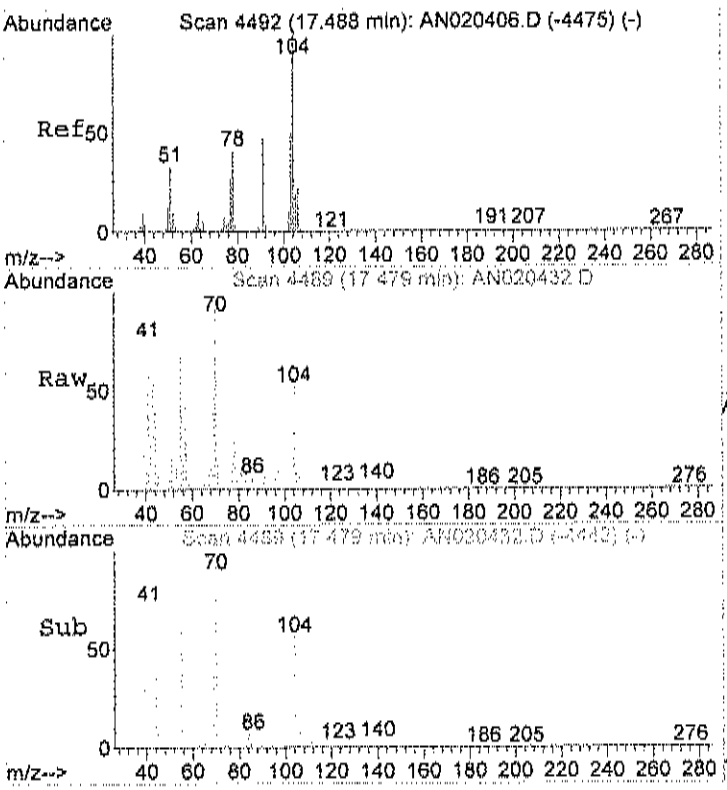


#60
m&p-xylene
Concen: 2.77 ppb
RT: 17.03 min Scan# 4338
Delta R.T. -0.04 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 91 Resp: 276203

Ion	Ratio	Lower	Upper
91	100		
106	49.9	25.3	65.3

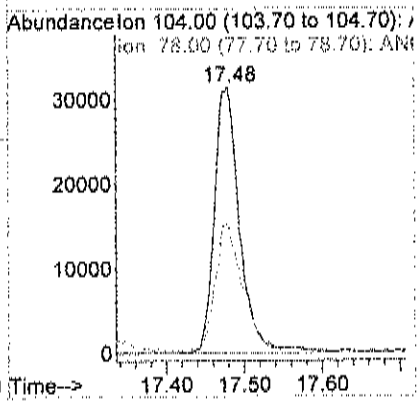


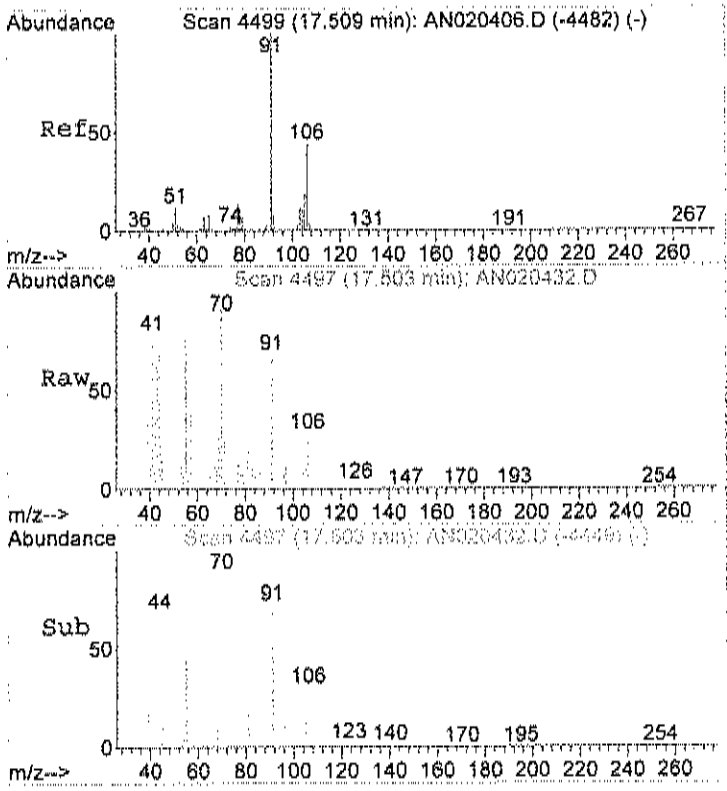


#62
Styrene
Concen: 0.92 ppb
RT: 17.48 min Scan# 4489
Delta R.T. -0.01 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion:104 Resp: 70708

Ion	Ratio	Lower	Upper
104	100		
78	55.3	44.4	84.4

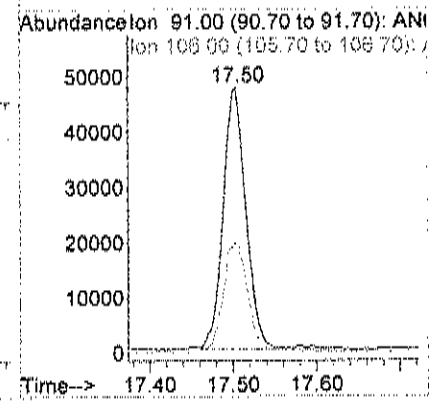


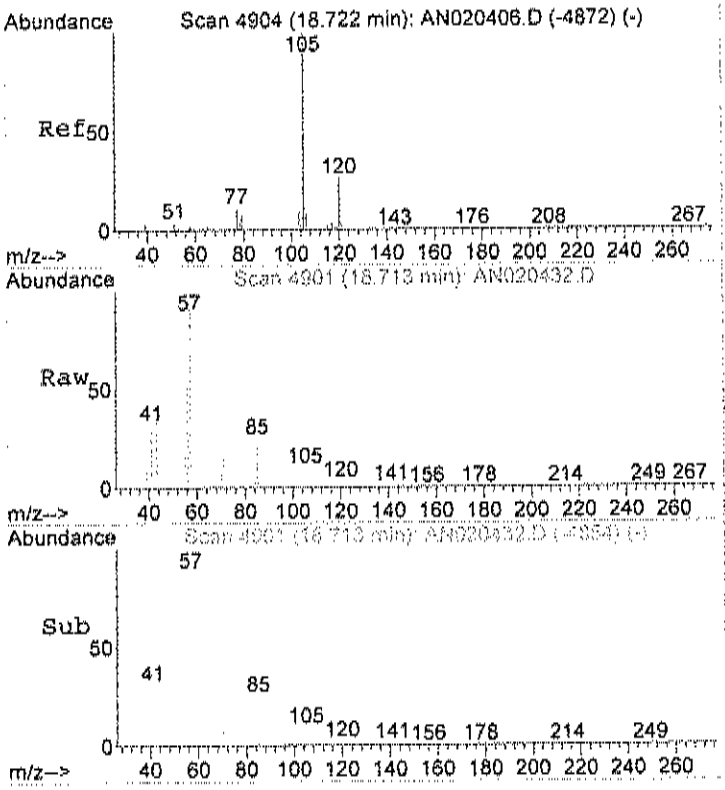


#64
o-xylene
Concen: 0.79 ppb
RT: 17.50 min Scan# 4497
Delta R.T. -0.01 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion: 91 Resp: 90795

Ion	Ratio	Lower	Upper
91	100		
106	45.8	18.4	58.4

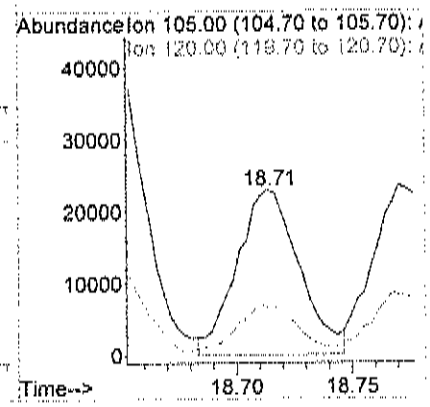


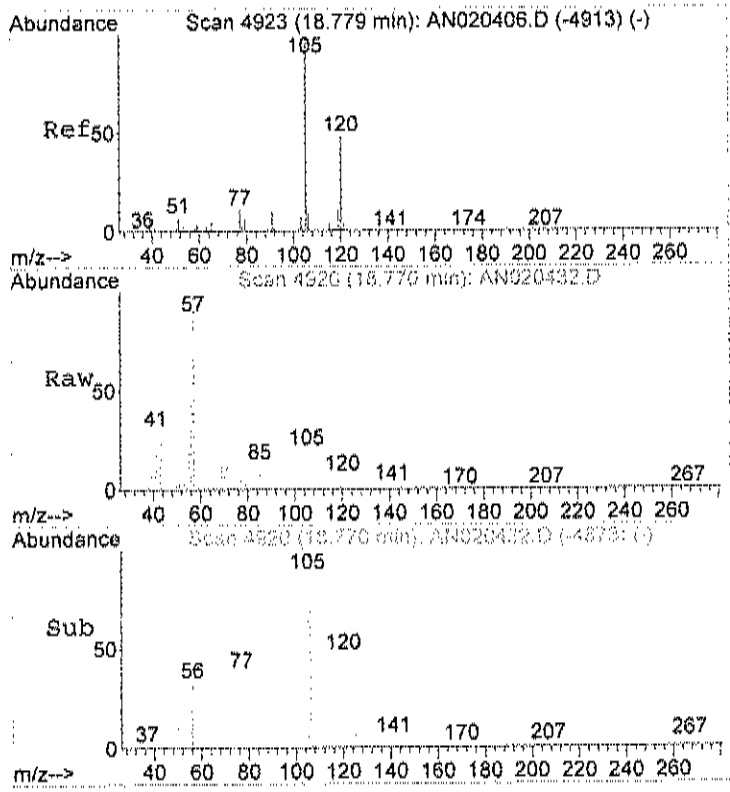


#70
4-ethyltoluene
Concen: 0.33 ppb m
RT: 18.71 min Scan# 4901
Delta R.T. -0.01 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion:105 Resp: 42982

Ion	Ratio	Lower	Upper
105	100		
120	0.0	0.0	20.0

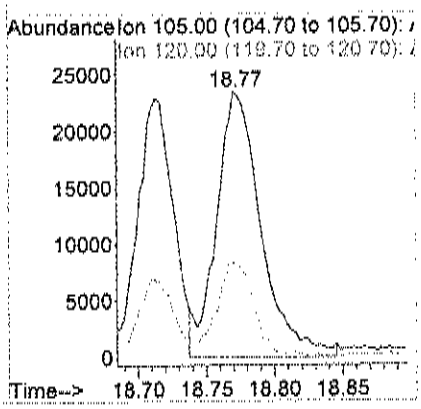


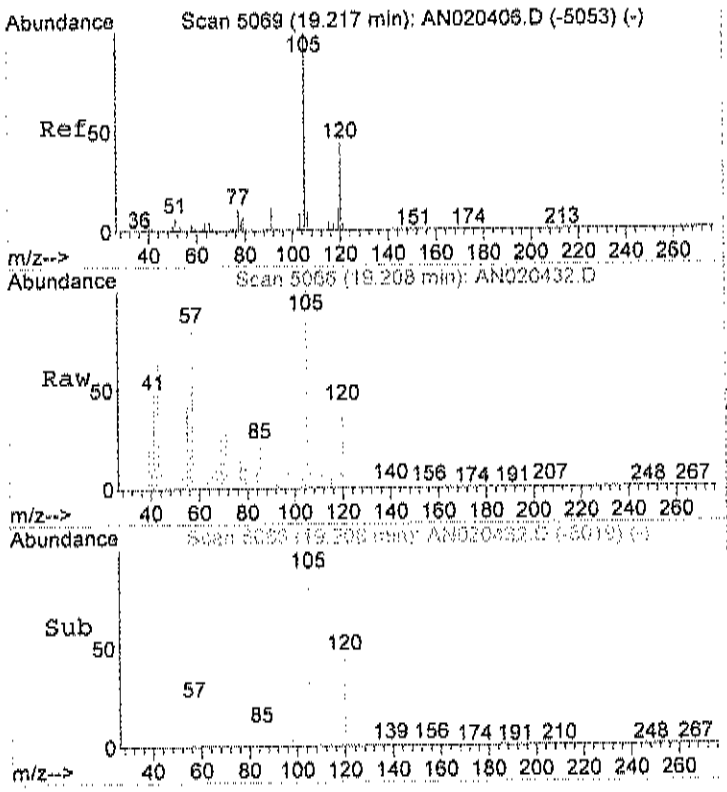


#71
1,3,5-trimethylbenzene
Concen: 0.42 ppb m
RT: 18.77 min Scan# 4920
Delta R.T. -0.01 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion:105 Resp: 53018

Ion	Ratio	Lower	Upper
105	100		
120	96.8	0.0	20.0#

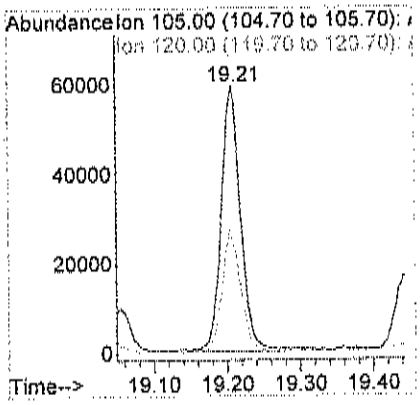




#72
1,2,4-trimethylbenzene
Concen: 1.01 ppb
RT: 19.21 min Scan# 5066
Delta R.T. -0.01 min
Lab File: AN020432.D
Acq: 5 Feb 2016 4:52 am

Tgt Ion:105 Resp: 110005

Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.1	62.1



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020421.D Vial: 19
Acq On : 4 Feb 2016 9:50 pm Operator: RJP
Sample : C1602007-002A 10X Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 05 06:39:05 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.84	128	23052	1.00	ppb		0.02
35) 1,4-difluorobenzene	12.09	114	103428	1.00	ppb		0.00
50) Chlorobenzene-d5	16.59	117	89507	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.16	95	57860	0.95	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 95.00%				
Target Compounds							Qvalue
15) Acetone	6.06	58	17634	1.81	ppb	#	14
17) Isopropyl alcohol	6.17	45	8652	0.31	ppb	#	46
28) Methyl Ethyl Ketone	8.98	72	4090	0.27	ppb	#	100
51) Toluene	14.70	92	19837	0.33	ppb		95
56) Tetrachloroethylene	15.68	164	10736	0.25	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

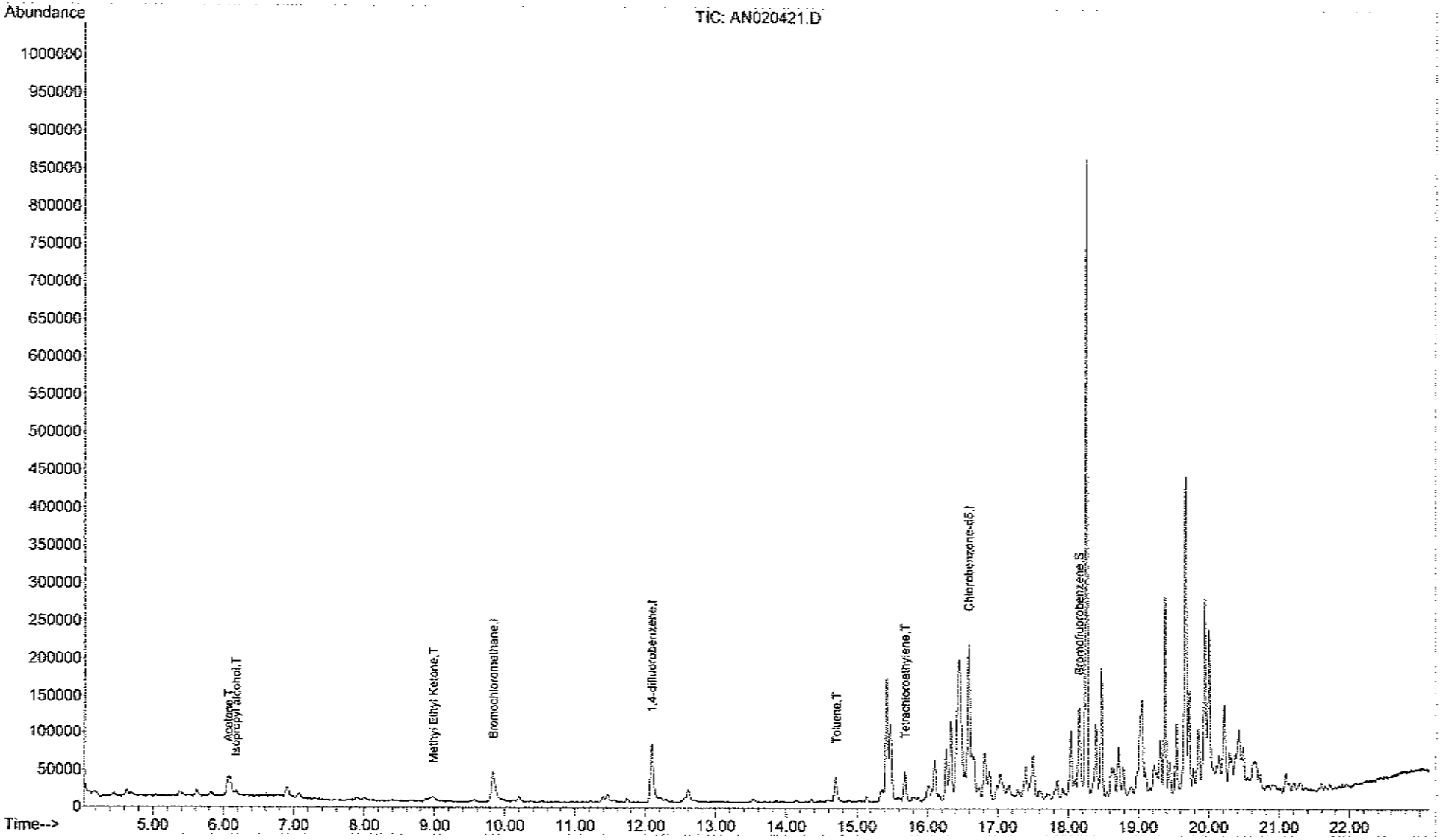
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020421.D
Acq On : 4 Feb 2016 9:50 pm
Sample : C1602007-002A 10X
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 8 10:25 2016

Vial: 19
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration



AN020421.D A204_1UG.M Thu Mar 03 09:52:14 2016 MSD1

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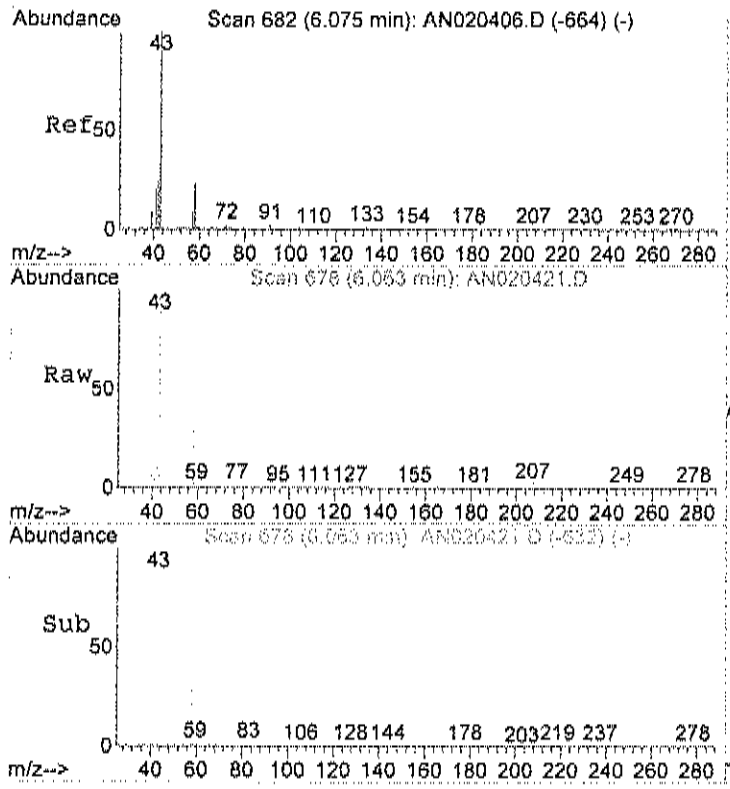
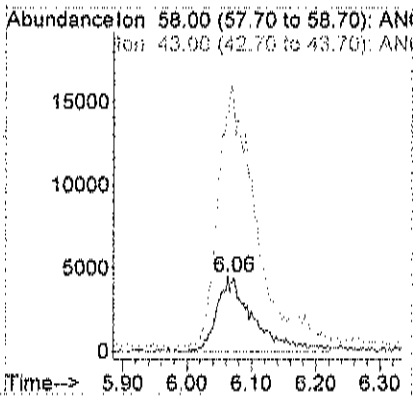
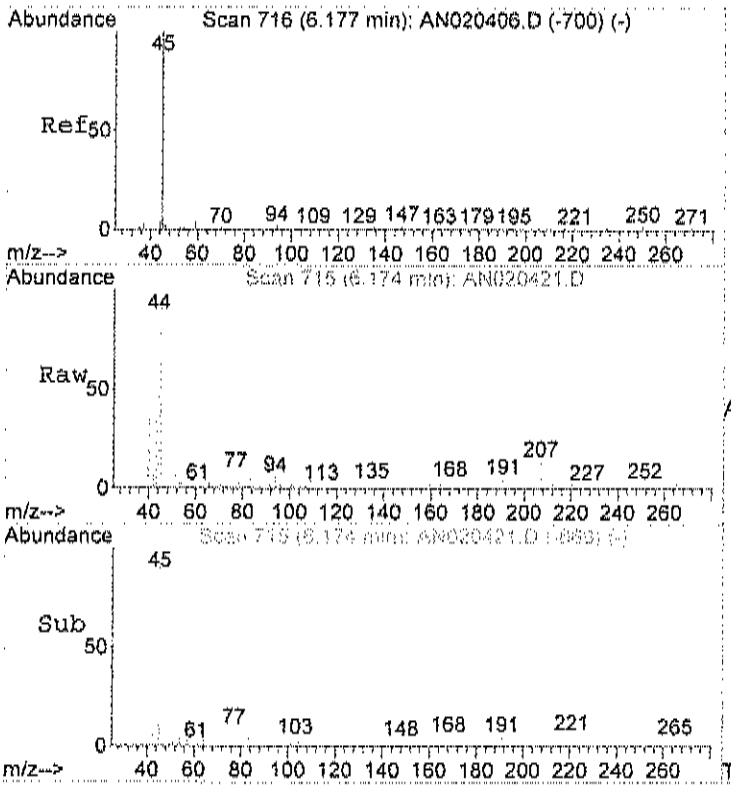


#15
Acetone
Concen: 1.81 ppb
RT: 6.06 min Scan# 678
Delta R.T. -0.01 min
Lab File: AN020421.D
Acq: 4 Feb 2016 9:50 pm

Tgt Ion: 58 Resp: 17634

Ion	Ratio	Lower	Upper
58	100		
43	394.1	661.8	721.8#

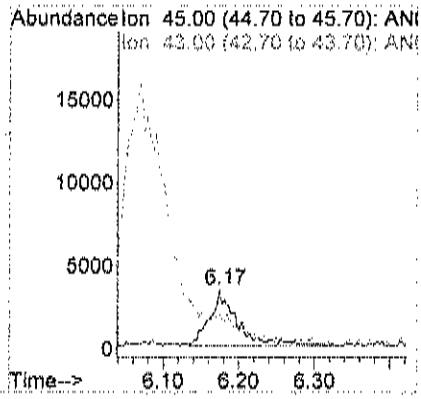


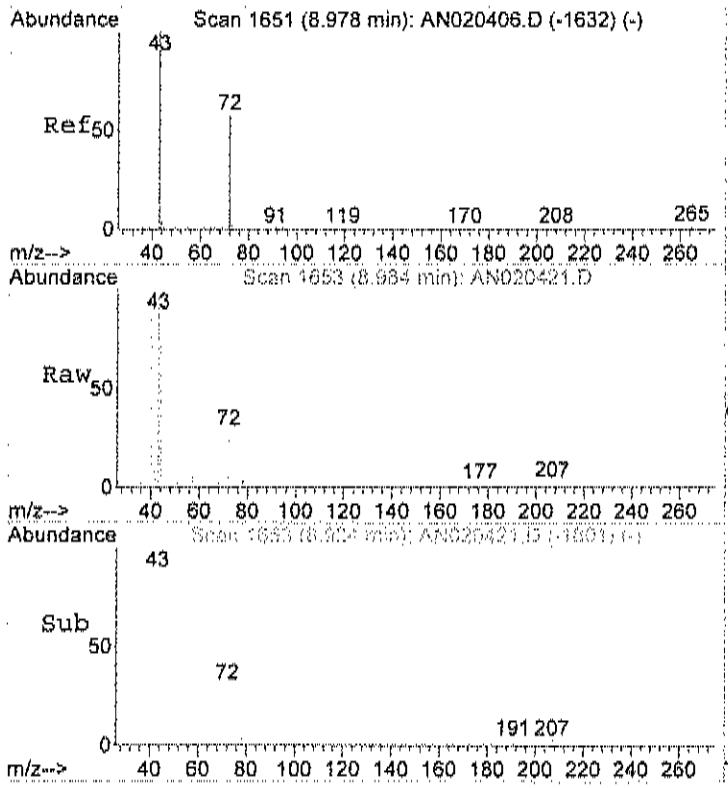


#17
Isopropyl alcohol
Concen: 0.31 ppb
RT: 6.17 min Scan# 715
Delta R.T. -0.00 min
Lab File: AN020421.D
Acq: 4 Feb 2016 9:50 pm

Tgt Ion: 45 Resp: 8652

Ion	Ratio	Lower	Upper
45	100		
43	0.0	8.9	48.9#

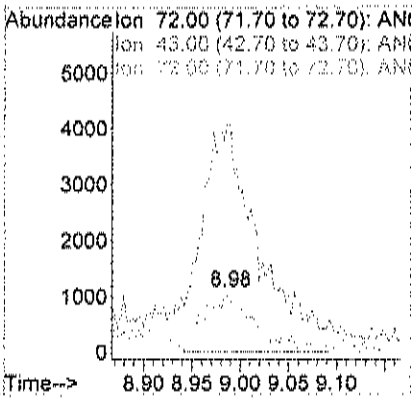


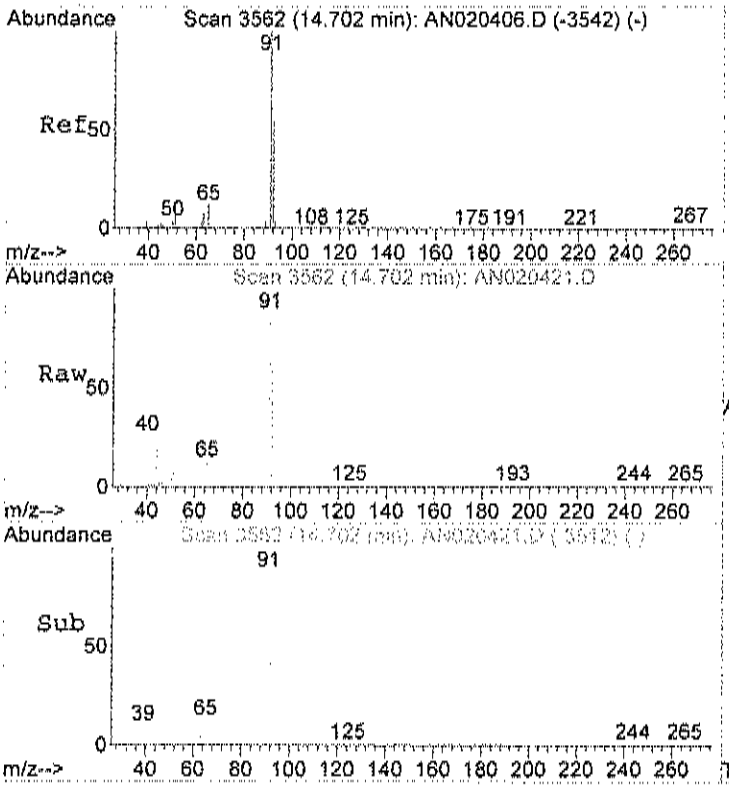


#28
Methyl Ethyl Ketone
Concen: 0.27 ppb
RT: 8.98 min Scan# 1653
Delta R.T. 0.01 min
Lab File: AN020421.D
Acq: 4 Feb 2016 9:50 pm

Tgt Ion: 72 Resp: 4090

Ion	Ratio	Lower	Upper
72	100		
43	422.5	0.0	20.0#
72	100.0	80.0	120.0

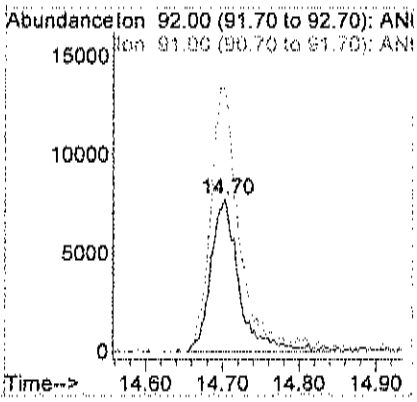


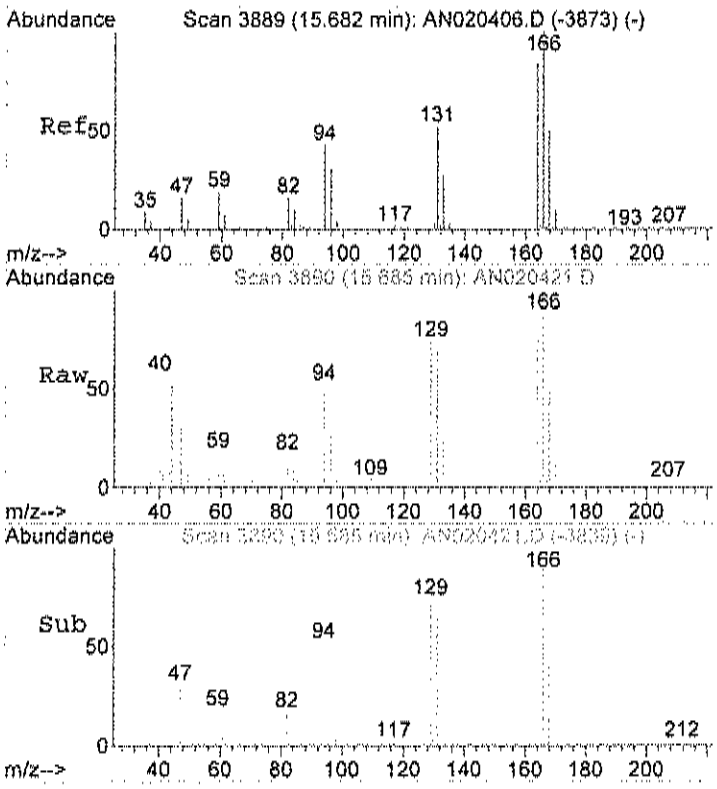


#51
Toluene
Concen: 0.33 ppb
RT: 14.70 min Scan# 3562
Delta R.T. 0.00 min
Lab File: AN020421.D
Acq: 4 Feb 2016 9:50 pm

Tgt Ion: 92 Resp: 19837

Ion	Ratio	Lower	Upper
92	100		
91	179.9	152.5	192.5

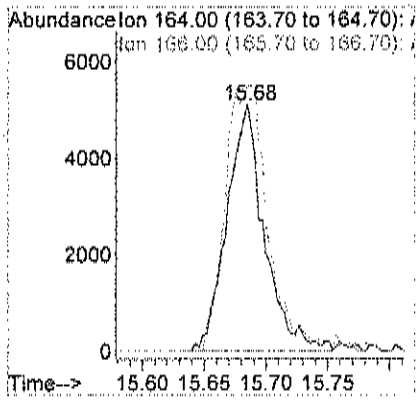




#56
Tetrachloroethylene
Concen: 0.25 ppb
RT: 15.68 min Scan# 3890
Delta R.T. 0.00 min
Lab File: AN020421.D
Acq: 4 Feb 2016 9:50 pm

Tgt Ion:164 Resp: 10736

Ion	Ratio	Lower	Upper
164	100		
166	125.0	108.6	148.6



Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-1
Lab Order:	C1602007	**Tag Number:**	471.382
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		2/3/2016
Lab Vacuum Out	-30			"Hg		2/3/2016
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,2,4-Trimethylbenzene	0.17	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/4/2016 6:41:00 PM
2,2,4-trimethylpentane	0.14	0.15	J	ppbV	1	2/4/2016 6:41:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Acetone	4.2	3.0		ppbV	10	2/5/2016 12:33:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Benzene	0.34	0.15		ppbV	1	2/4/2016 6:41:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Bromoform	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Carbon tetrachloride	0.090	0.040		ppbV	1	2/4/2016 6:41:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Chloroform	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Chloromethane	0.54	0.15		ppbV	1	2/4/2016 6:41:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Cyclohexane	0.47	0.15		ppbV	1	2/4/2016 6:41:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Ethyl acetate	3.9	2.5		ppbV	10	2/5/2016 12:33:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-1
Lab Order:	C1602007	**Tag Number:**	471.382
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
Ethylbenzene	0.13	0.15	J	ppbV	1	2/4/2016 6:41:00 PM
Freon 11	0.36	0.15		ppbV	1	2/4/2016 6:41:00 PM
Freon 113	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Freon 114	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Freon 12	0.61	0.15		ppbV	1	2/4/2016 6:41:00 PM
Heptane	0.46	0.15		ppbV	1	2/4/2016 6:41:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Hexane	0.41	0.15		ppbV	1	2/4/2016 6:41:00 PM
Isopropyl alcohol	1.2	0.15		ppbV	1	2/4/2016 6:41:00 PM
m&p-Xylene	0.46	0.30		ppbV	1	2/4/2016 6:41:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/4/2016 6:41:00 PM
Methyl Ethyl Ketone	0.66	0.30		ppbV	1	2/4/2016 6:41:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	2/4/2016 6:41:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Methylene chloride	0.33	0.15		ppbV	1	2/4/2016 6:41:00 PM
o-Xylene	0.13	0.15	J	ppbV	1	2/4/2016 6:41:00 PM
Propylene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Styrene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Tetrachloroethylene	0.10	0.15	J	ppbV	1	2/4/2016 6:41:00 PM
Tetrahydrofuran	0.18	0.15		ppbV	1	2/4/2016 6:41:00 PM
Toluene	4.4	1.5		ppbV	10	2/5/2016 12:33:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Trichloroethene	< 0.040	0.040		ppbV	1	2/4/2016 6:41:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/4/2016 6:41:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	2/4/2016 6:41:00 PM
Surr: Bromofluorobenzene	99.0	70-130		%REC	1	2/4/2016 6:41:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
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JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-1
Lab Order:	C1602007	**Tag Number:**	471.382
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/4/2016 6:41:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/4/2016 6:41:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/4/2016 6:41:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/4/2016 6:41:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 6:41:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/4/2016 6:41:00 PM
1,2,4-Trimethylbenzene	0.84	0.74		ug/m3	1	2/4/2016 6:41:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/4/2016 6:41:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 6:41:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/4/2016 6:41:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/4/2016 6:41:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	2/4/2016 6:41:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/4/2016 6:41:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 6:41:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 6:41:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/4/2016 6:41:00 PM
2,2,4-trimethylpentane	0.65	0.70	J	ug/m3	1	2/4/2016 6:41:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	2/4/2016 6:41:00 PM
Acetone	10	7.1		ug/m3	10	2/5/2016 12:33:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/4/2016 6:41:00 PM
Benzene	1.1	0.48		ug/m3	1	2/4/2016 6:41:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/4/2016 6:41:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/4/2016 6:41:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/4/2016 6:41:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	2/4/2016 6:41:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/4/2016 6:41:00 PM
Carbon tetrachloride	0.57	0.25		ug/m3	1	2/4/2016 6:41:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/4/2016 6:41:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/4/2016 6:41:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	2/4/2016 6:41:00 PM
Chloromethane	1.1	0.31		ug/m3	1	2/4/2016 6:41:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 6:41:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/4/2016 6:41:00 PM
Cyclohexane	1.6	0.52		ug/m3	1	2/4/2016 6:41:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/4/2016 6:41:00 PM
Ethyl acetate	14	9.0		ug/m3	10	2/5/2016 12:33:00 PM
Ethylbenzene	0.56	0.65	J	ug/m3	1	2/4/2016 6:41:00 PM
Freon 11	2.0	0.84		ug/m3	1	2/4/2016 6:41:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/4/2016 6:41:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/4/2016 6:41:00 PM

Qualifiers:

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H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
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S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-1
Lab Order:	C1602007	**Tag Number:**	471.382
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	3.0	0.74		ug/m3	1	2/4/2016 6:41:00 PM
Heptane	1.9	0.61		ug/m3	1	2/4/2016 6:41:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/4/2016 6:41:00 PM
Hexane	1.4	0.53		ug/m3	1	2/4/2016 6:41:00 PM
Isopropyl alcohol	3.0	0.37		ug/m3	1	2/4/2016 6:41:00 PM
m&p-Xylene	2.0	1.3		ug/m3	1	2/4/2016 6:41:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/4/2016 6:41:00 PM
Methyl Ethyl Ketone	1.9	0.88		ug/m3	1	2/4/2016 6:41:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	2/4/2016 6:41:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/4/2016 6:41:00 PM
Methylene chloride	1.1	0.52		ug/m3	1	2/4/2016 6:41:00 PM
o-Xylene	0.56	0.65	J	ug/m3	1	2/4/2016 6:41:00 PM
Propylene	< 0.26	0.26		ug/m3	1	2/4/2016 6:41:00 PM
Styrene	< 0.64	0.64		ug/m3	1	2/4/2016 6:41:00 PM
Tetrachloroethylene	0.68	1.0	J	ug/m3	1	2/4/2016 6:41:00 PM
Tetrahydrofuran	0.53	0.44		ug/m3	1	2/4/2016 6:41:00 PM
Toluene	17	5.7		ug/m3	10	2/5/2016 12:33:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 6:41:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/4/2016 6:41:00 PM
Trichloroethene	< 0.21	0.21		ug/m3	1	2/4/2016 6:41:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/4/2016 6:41:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/4/2016 6:41:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	2/4/2016 6:41:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020416.D
Acq On : 4 Feb 2016 6:41 pm
Sample : C1602007-003A
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 05 08:56:40 2016

Vial: 14
Operator: RJP
Inst : MSD #1
Multiplr: 1.00
Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

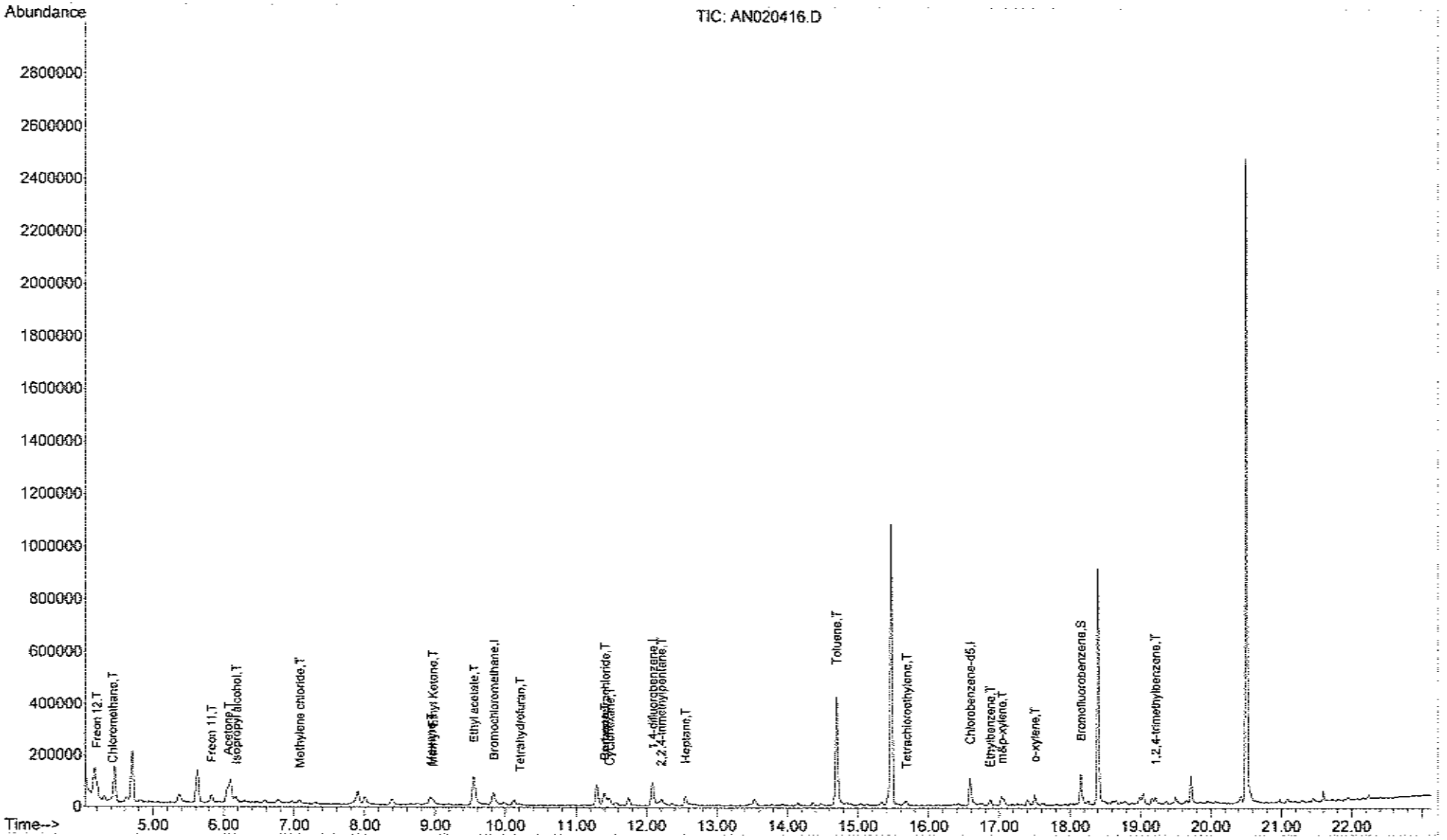
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.83	128	24028	1.00	ppb		0.02
35) 1,4-difluorobenzene	12.09	114	106788	1.00	ppb		0.00
50) Chlorobenzene-d5	16.59	117	79083	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.16	95	53152	0.99	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 99.00%				
Target Compounds							Qvalue
3) Freon 12	4.21	85	64056	0.61	ppb		99
4) Chloromethane	4.41	50	17044	0.54	ppb		94
14) Freon 11	5.82	101	38111	0.36	ppb		97
15) Acetone	6.05	58	32060	3.16	ppb	#	50
17) Isopropyl alcohol	6.17	45	36253	1.24	ppb	#	46
21) Methylene chloride	7.08	84	10309	0.33	ppb	#	81
28) Methyl Ethyl Ketone	8.97	72	10220	0.66	ppb	#	100
30) Hexane	8.93	57	21724	0.41	ppb		89
31) Ethyl acetate	9.55	43	246176	3.34	ppb		98
33) Tetrahydrofuran	10.20	42	6419m	0.18	ppb		
37) Cyclohexane	11.47	56	23677m	0.47	ppb		
38) Carbon tetrachloride	11.42	117	6882	0.09	ppb		96
39) Benzene	11.40	78	31936	0.34	ppb		96
42) 2,2,4-trimethylpentane	12.21	57	25116	0.14	ppb		72
43) Heptane	12.56	43	24380	0.46	ppb		84
51) Toluene	14.70	92	236064	4.46	ppb		96
56) Tetrachloroethylene	15.69	164	3810	0.10	ppb		96
59) Ethylbenzene	16.87	91	15440	0.13	ppb		98
60) m&p-xylene	17.04	91	41105	0.46	ppb		92
64) o-xylene	17.51	91	13737	0.13	ppb		77
72) 1,2,4-trimethylbenzene	19.21	105	16577	0.17	ppb		97

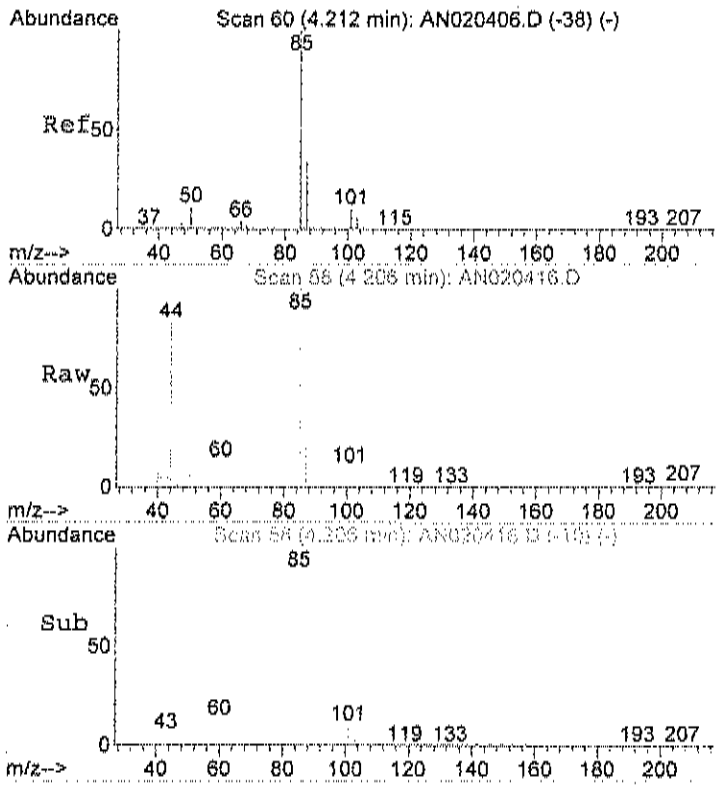
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020416.D Vial: 14
Acq On : 4 Feb 2016 6:41 pm Operator: RJP
Sample : C1602007-003A Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 8 8:36 2016 Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration

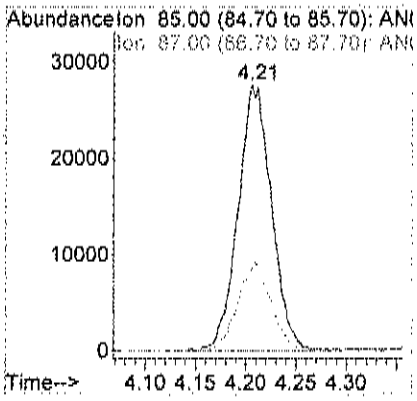


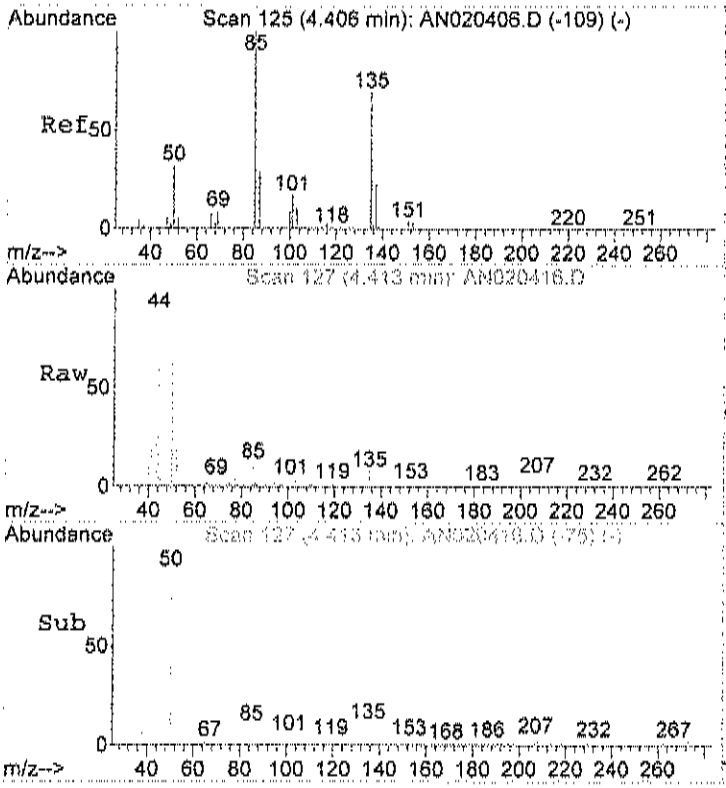


#3
Freon 12
Concen: 0.61 ppb
RT: 4.21 min Scan# 58
Delta R.T. -0.01 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion: 85 Resp: 64056

Ion	Ratio	Lower	Upper
85	100		
87	32.9	12.5	52.5

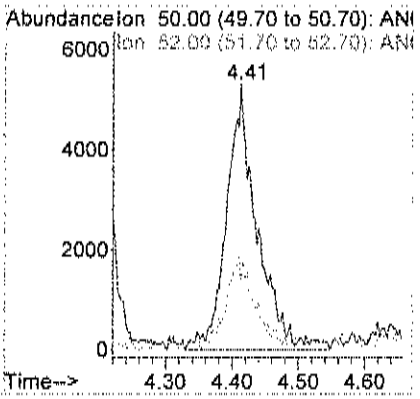


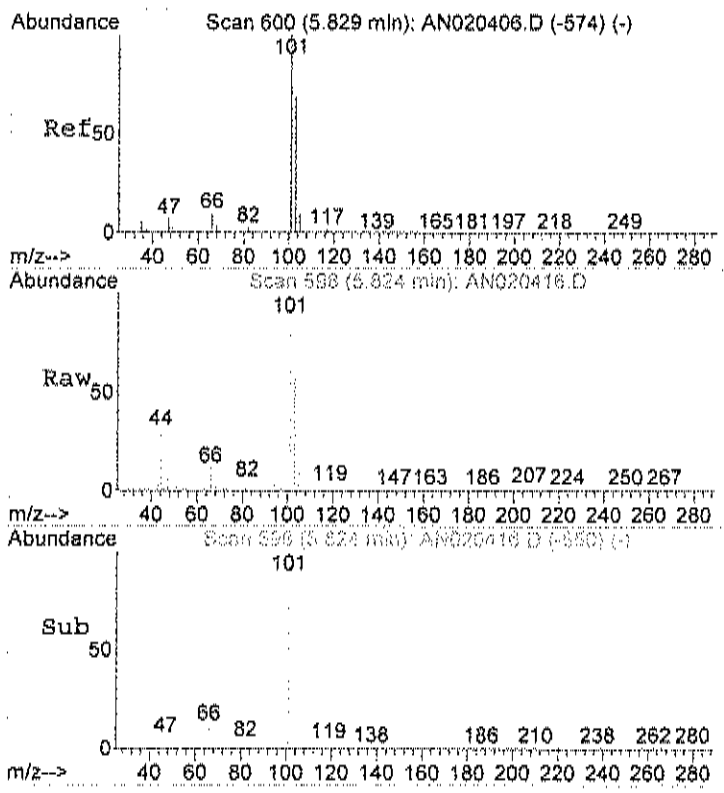


#4
Chloromethane
Concen: 0.54 ppb
RT: 4.41 min Scan# 127
Delta R.T. 0.01 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion: 50 Resp: 17044

Ion	Ratio	Lower	Upper
50	100		
52	32.5	9.2	49.2

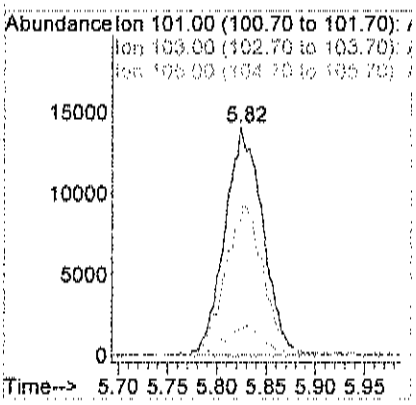


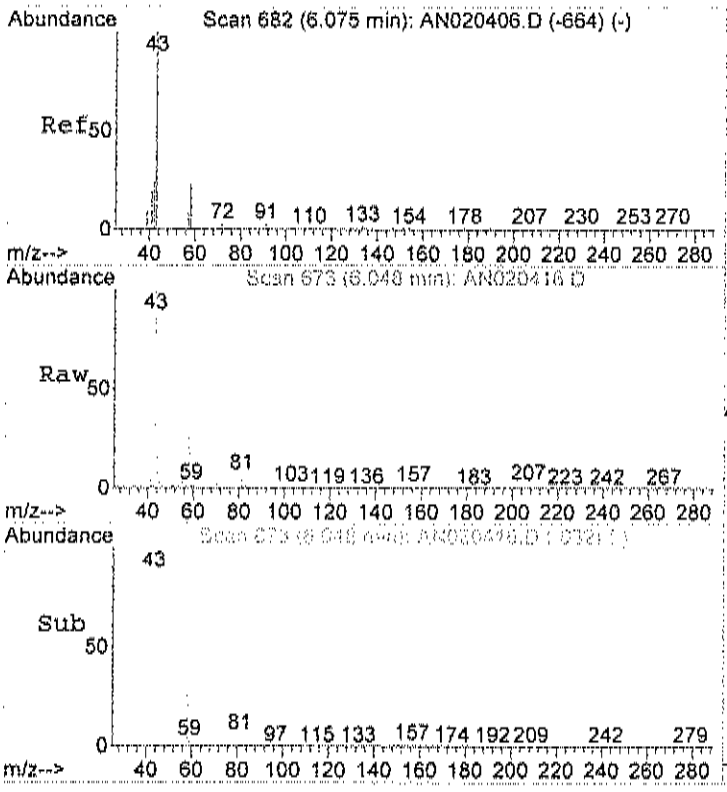


#14
Freon 11
Concen: 0.36 ppb
RT: 5.82 min Scan# 598
Delta R.T. -0.01 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion:101 Resp: 38111

Ion	Ratio	Lower	Upper
101	100		
103	66.1	44.6	84.6
105	14.0	0.0	31.6

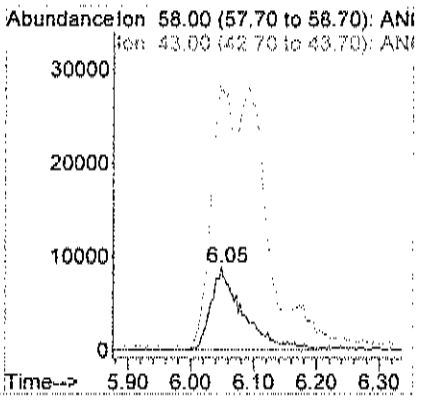


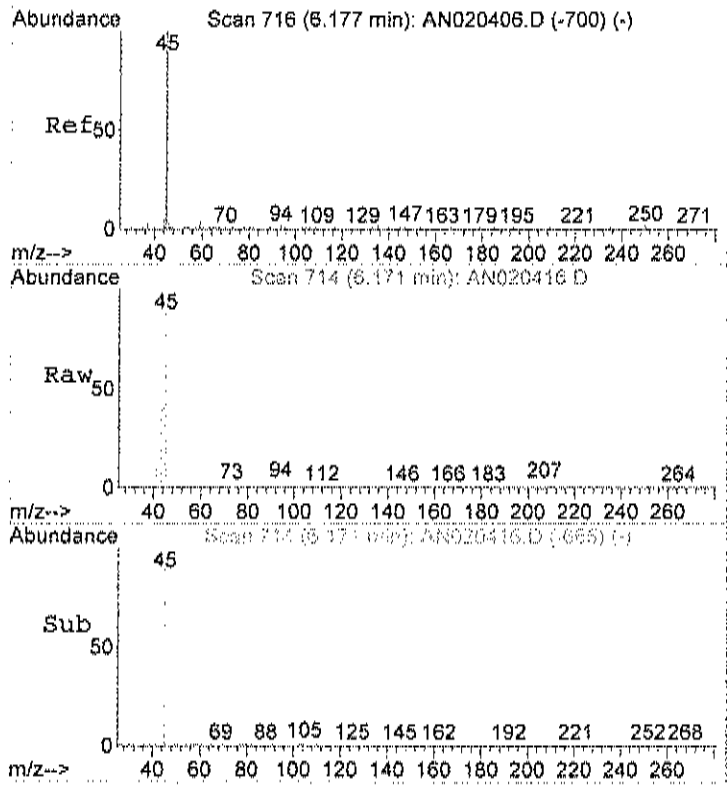


#15
Acetone
Concen: 3.16 ppb
RT: 6.05 min Scan# 673
Delta R.T. -0.03 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion: 58 Resp: 32060

Ion	Ratio	Lower	Upper
58	100		
43	521.1	661.8	721.8#

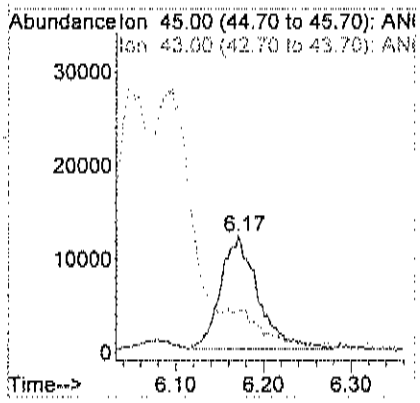


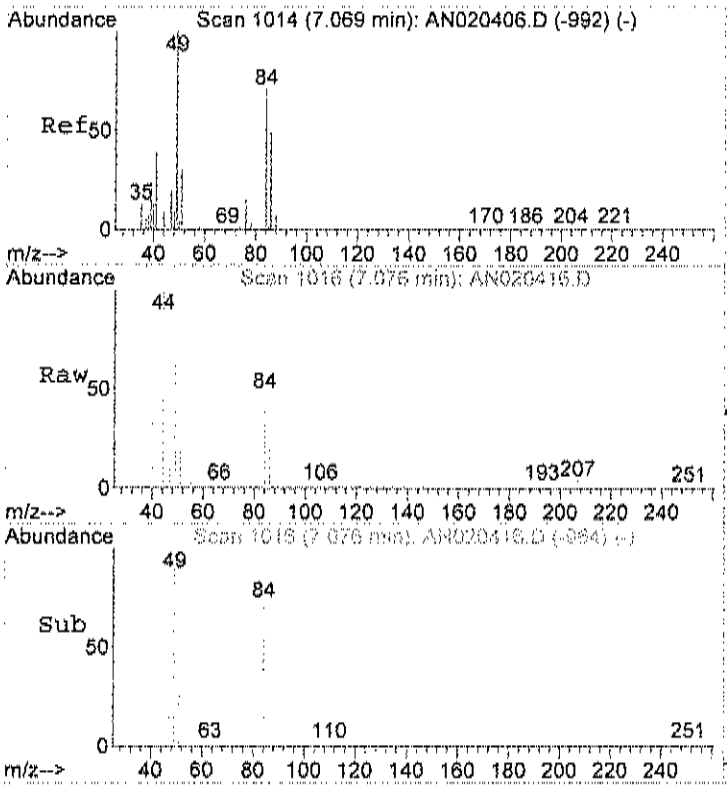


#17
Isopropyl alcohol
Concen: 1.24 ppb
RT: 6.17 min Scan# 714
Delta R.T. -0.01 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion: 45 Resp: 36253

Ion	Ratio	Lower	Upper
45	100		
43	0.0	8.9	48.9#

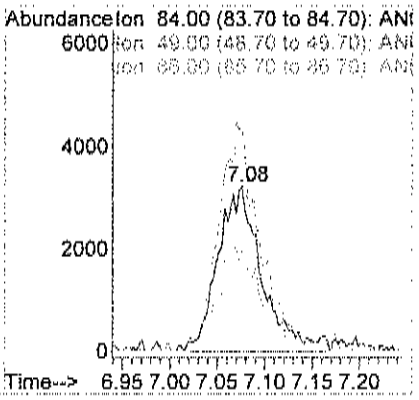


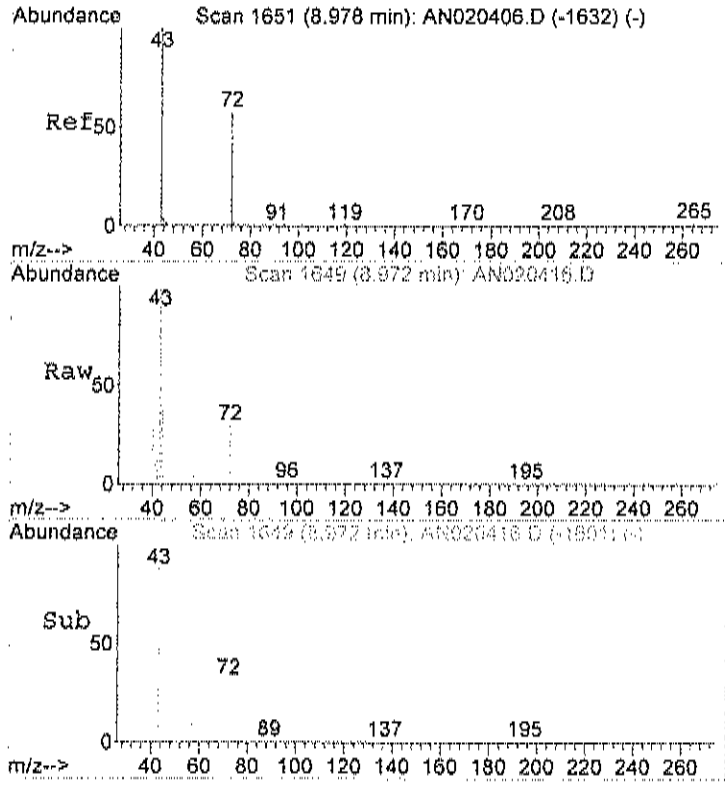


#21
Methylene chloride
Concen: 0.33 ppb
RT: 7.08 min Scan# 1016
Delta R.T. 0.01 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion: 84 Resp: 10309

Ion	Ratio	Lower	Upper
84	100		
49	137.4	87.8	127.8#
86	65.0	43.1	83.1

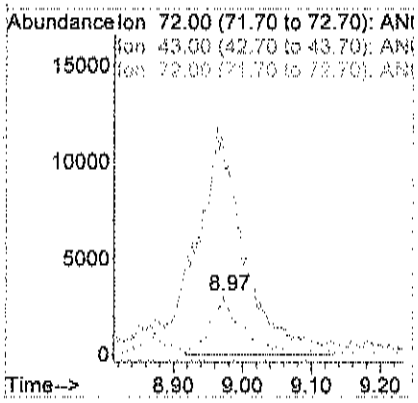


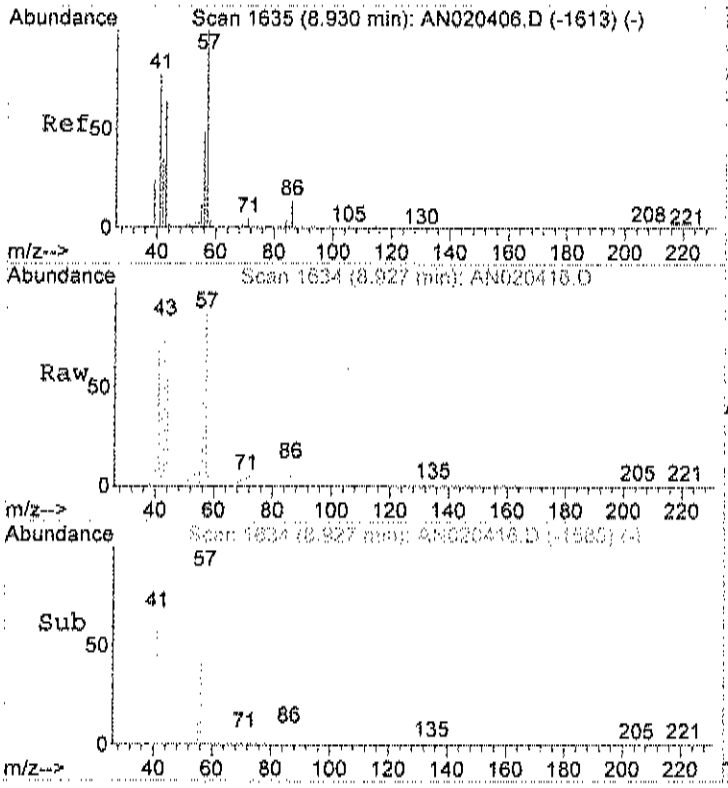


#28
Methyl Ethyl Ketone
Concen: 0.66 ppb
RT: 8.97 min Scan# 1649
Delta R.T. -0.01 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion: 72 Resp: 10220

Ion	Ratio	Lower	Upper
72	100		
43	0.0	0.0	20.0
72	100.0	80.0	120.0

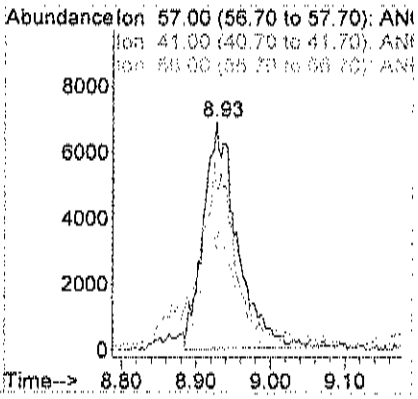


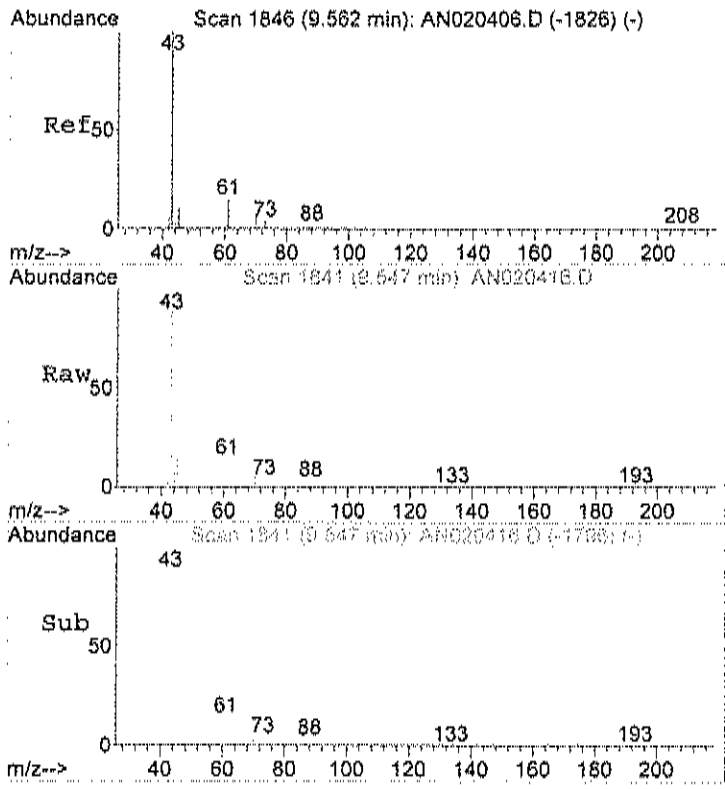


#30
Hexane
Concen: 0.41 ppb
RT: 8.93 min Scan# 1634
Delta R.T. -0.00 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion: 57 Resp: 21724

Ion	Ratio	Lower	Upper
57	100		
41	102.8	66.6	106.6
56	50.9	30.6	70.6

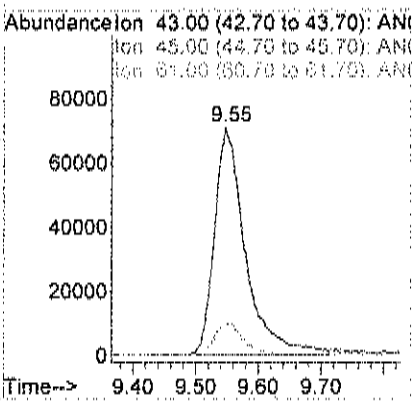


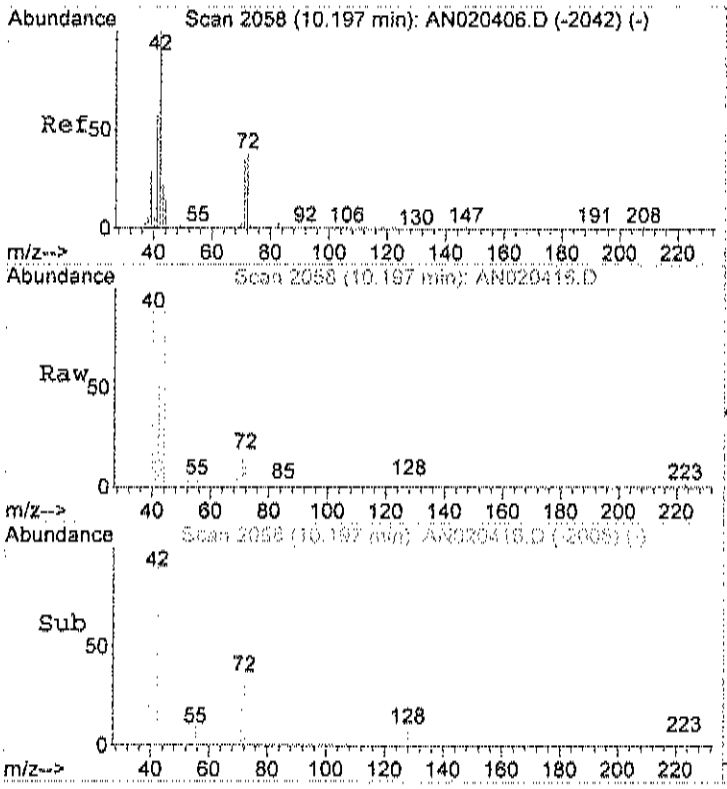


#31
Ethyl acetate
Concen: 3.34 ppb
RT: 9.55 min Scan# 1841
Delta R.T. -0.01 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion: 43 Resp: 246176

Ion	Ratio	Lower	Upper
43	100		
45	13.8	0.0	33.8
61	14.6	0.0	33.3

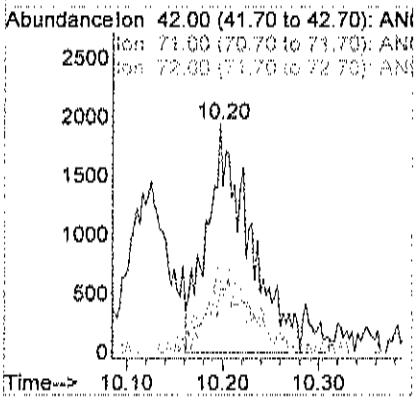


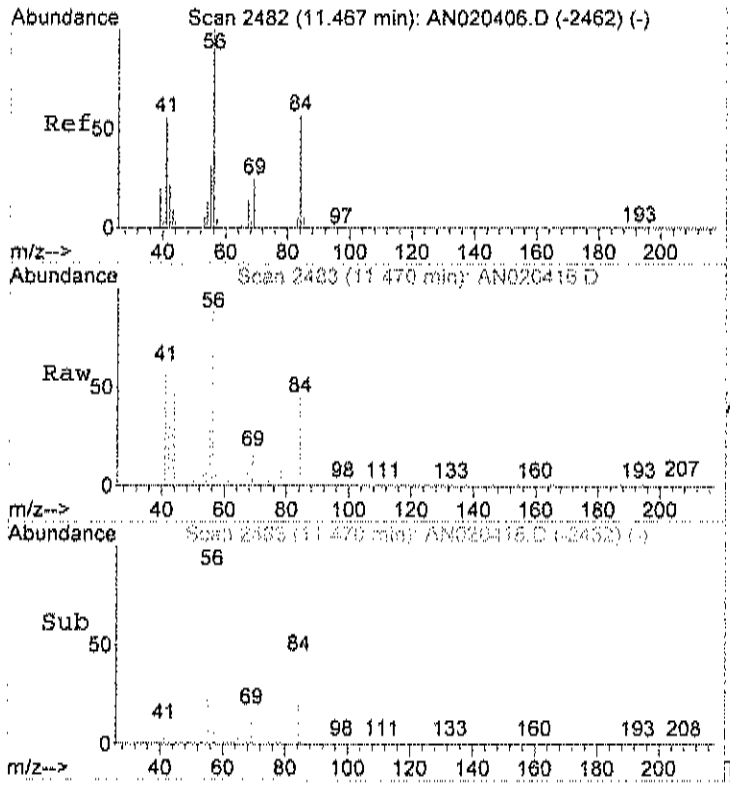


#33
Tetrahydrofuran
Concen: 0.18 ppb m
RT: 10.20 min Scan# 2058
Delta R.T. 0.00 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion: 42 Resp: 6419

Ion	Ratio	Lower	Upper
42	100		
71	28.0	20.0	60.0
72	31.9	19.1	59.1

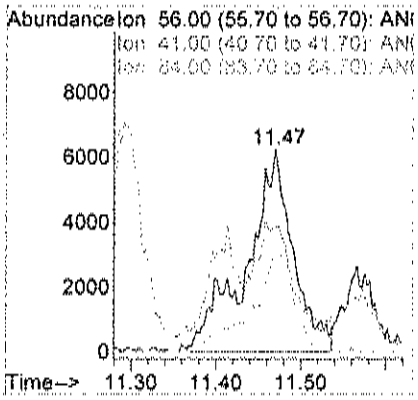


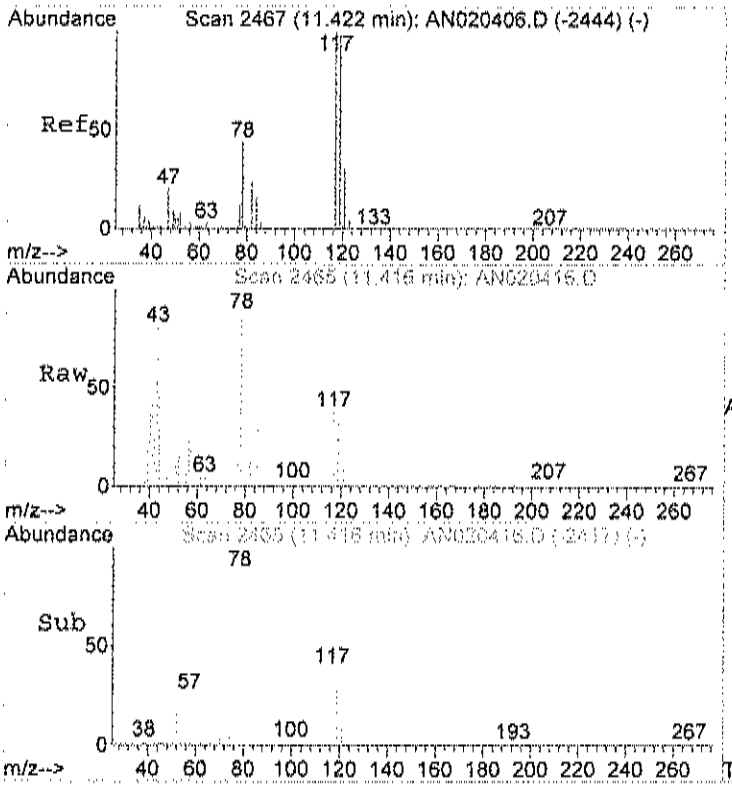


#37
Cyclohexane
Concen: 0.47 ppb m
RT: 11.47 min Scan# 2483
Delta R.T. 0.00 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion: 56 Resp: 23677

Ion	Ratio	Lower	Upper
56	100		
41	92.1	47.3	87.3#
84	44.4	88.1	128.1#

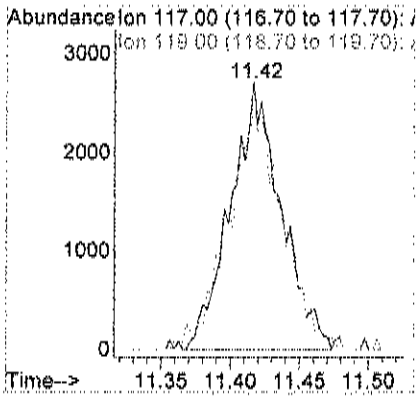


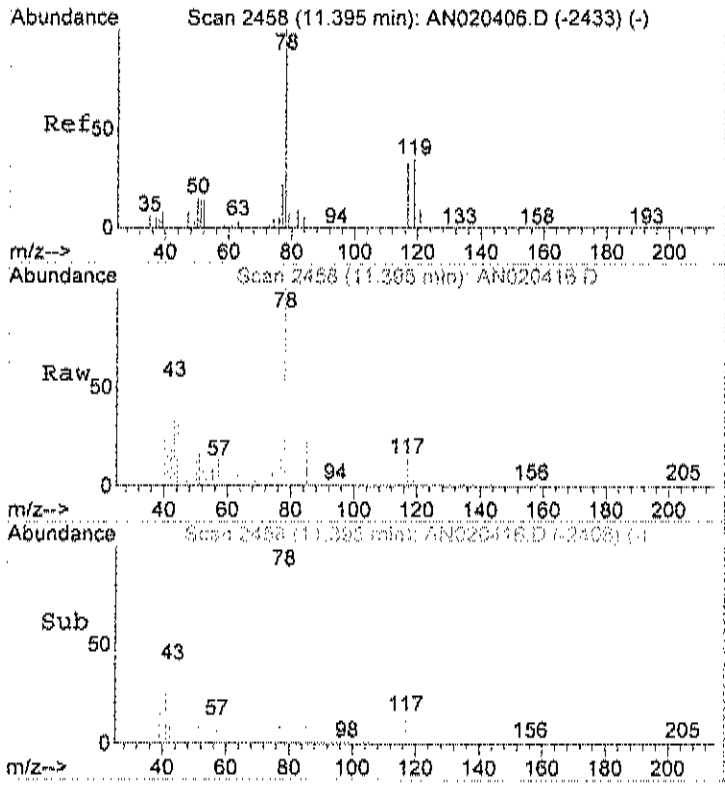


#38
Carbon tetrachloride
Concen: 0.09 ppb
RT: 11.42 min Scan# 2465
Delta R.T. -0.01 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion:117 Resp: 6882

Ion	Ratio	Lower	Upper
117	100		
119	98.2	74.5	114.5

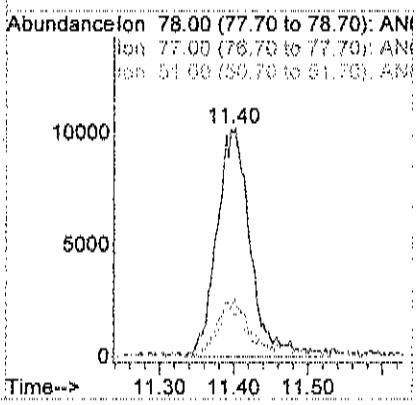


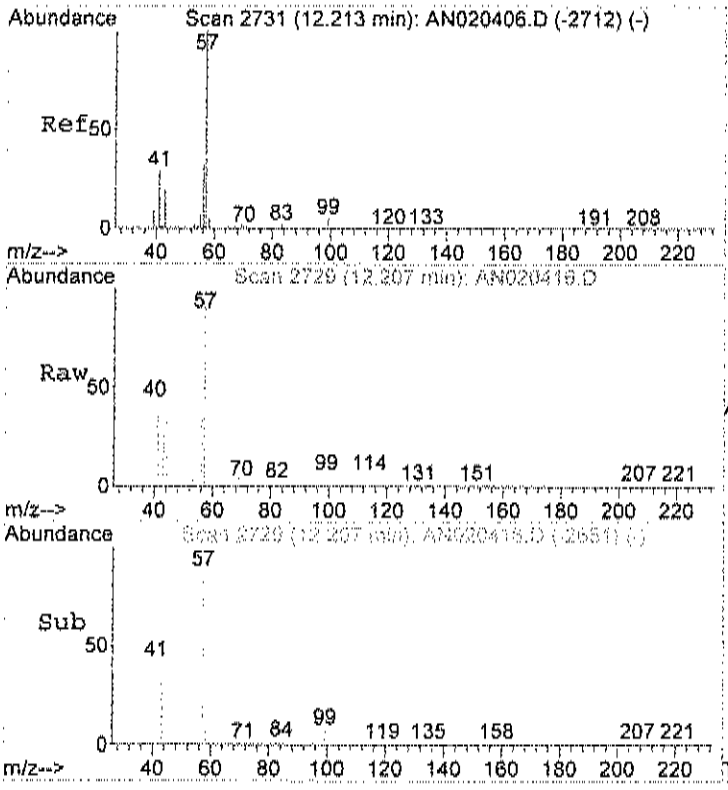


#39
Benzene
Concen: 0.34 ppb
RT: 11.40 min Scan# 2458
Delta R.T. 0.00 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion: 78 Resp: 31936

Ion	Ratio	Lower	Upper
78	100		
77	27.8	6.0	46.0
51	20.1	2.1	42.1

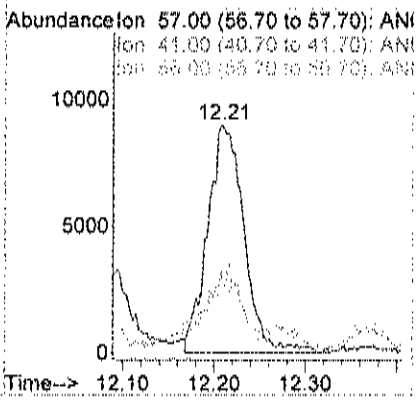


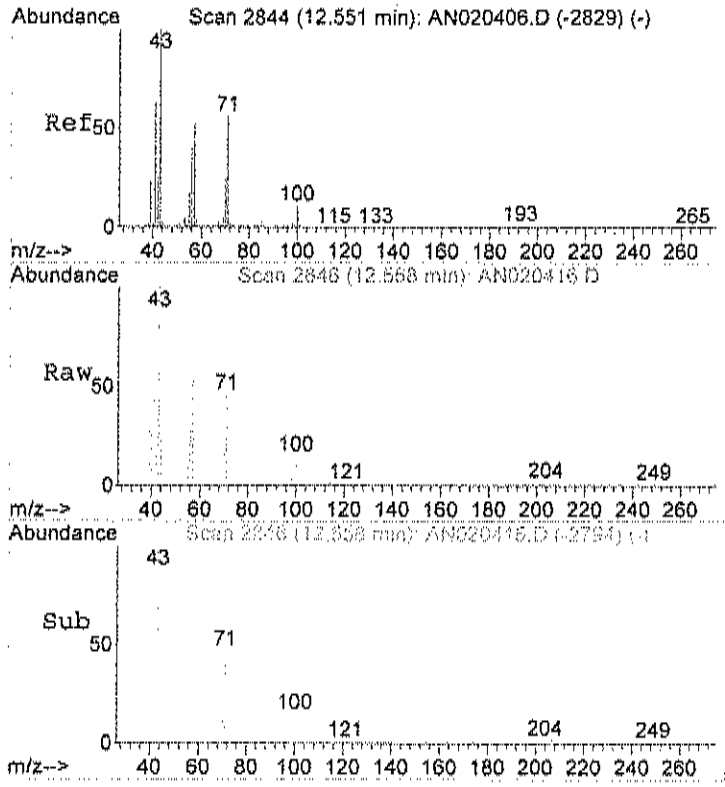


#42
2,2,4-trimethylpentane
Concen: 0.14 ppb
RT: 12.21 min Scan# 2729
Delta R.T. -0.01 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion: 57 Resp: 25116

Ion	Ratio	Lower	Upper
57	100		
41	49.7	14.1	54.1
56	47.7	11.4	51.4

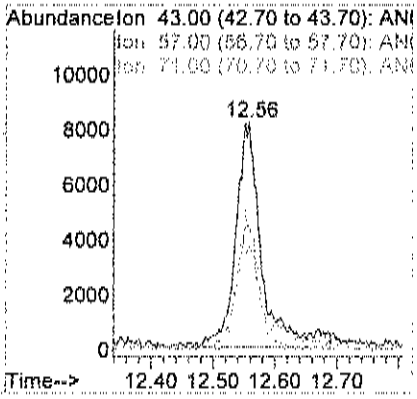


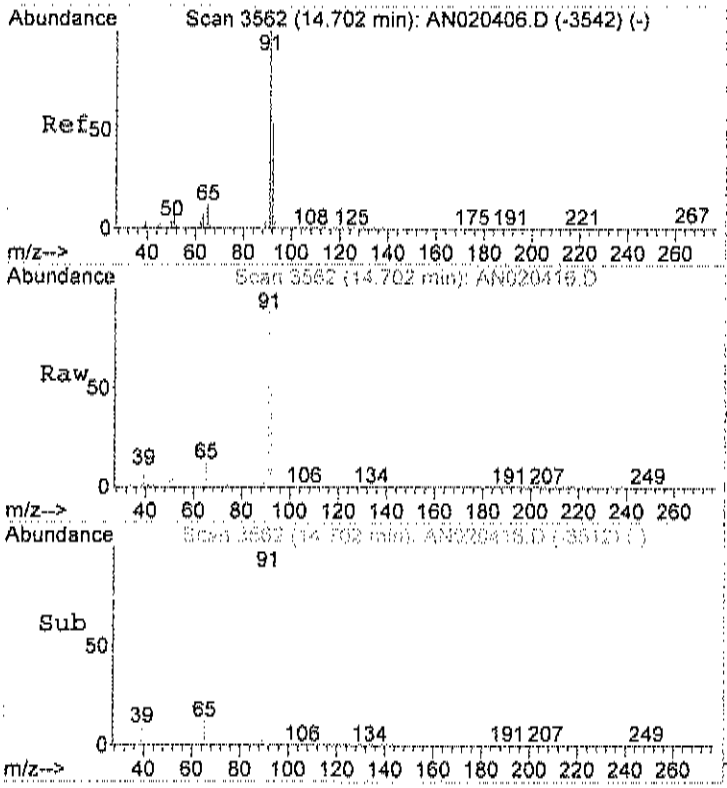


#43
Heptane
Concen: 0.46 ppb
RT: 12.56 min Scan# 2846
Delta R.T. 0.01 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion: 43 Resp: 24380

Ion	Ratio	Lower	Upper
43	100		
57	63.3	31.3	71.3
71	43.4	34.8	74.8

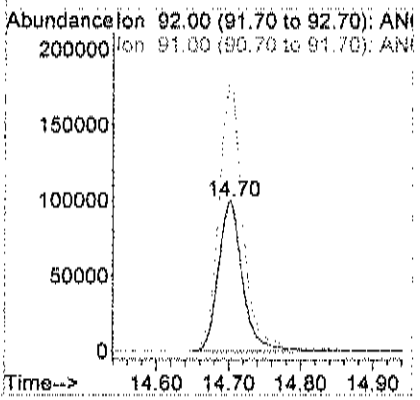


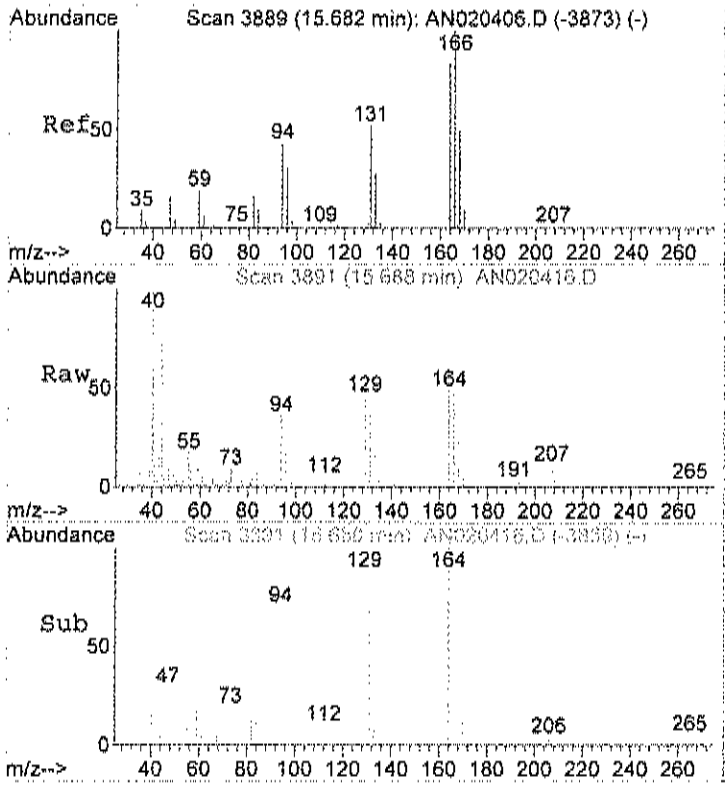


#51
Toluene
Concen: 4.46 ppb
RT: 14.70 min Scan# 3562
Delta R.T. 0.00 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion: 92 Resp: 236064

Ion	Ratio	Lower	Upper
92	100		
91	177.9	152.5	192.5

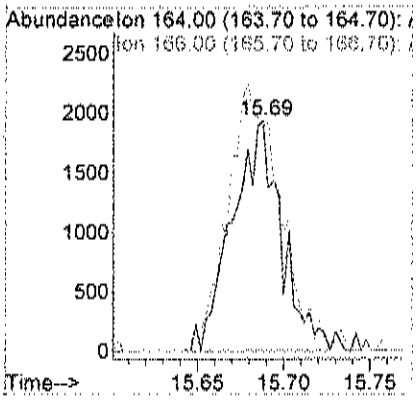


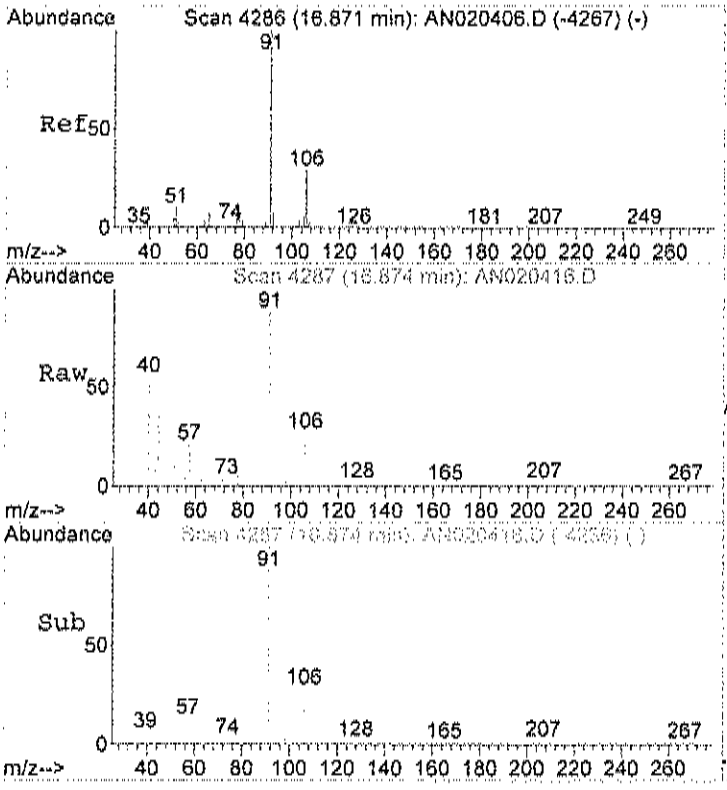


#56
Tetrachloroethylene
Concen: 0.10 ppb
RT: 15.69 min Scan# 3891
Delta R.T. 0.01 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion:164 Resp: 3810

Ion	Ratio	Lower	Upper
164	100		
166	123.7	108.6	148.6

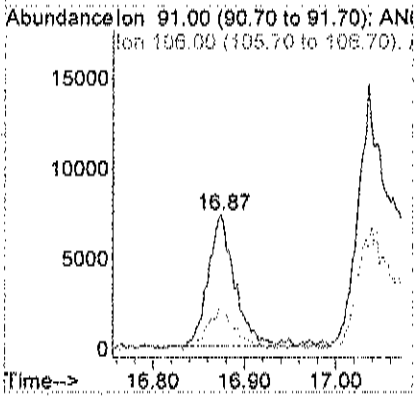


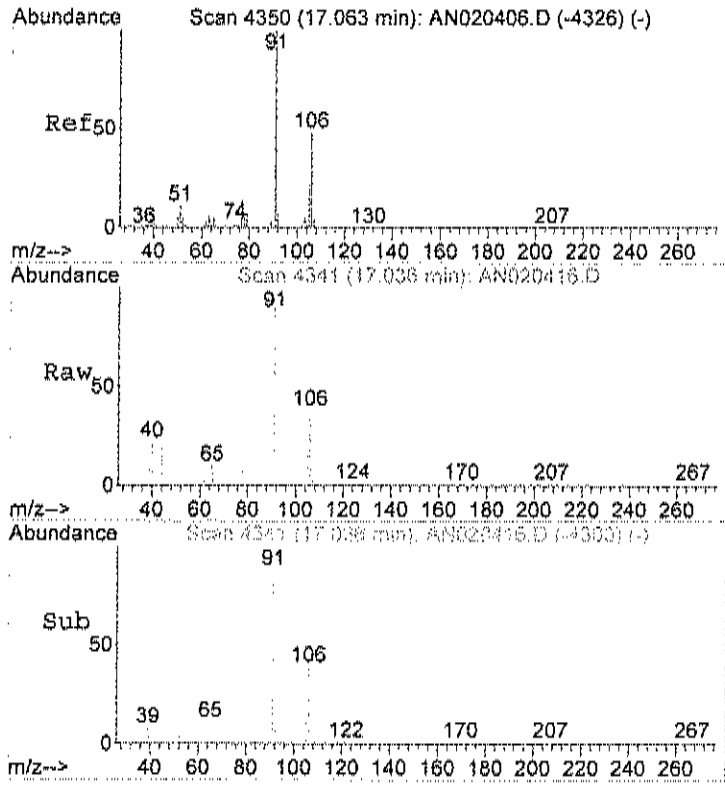


#59
Ethylbenzene
Concen: 0.13 ppb
RT: 16.87 min Scan# 4287
Delta R.T. 0.00 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion: 91 Resp: 15440

Ion	Ratio	Lower	Upper
91	100		
106	30.7	9.9	49.9

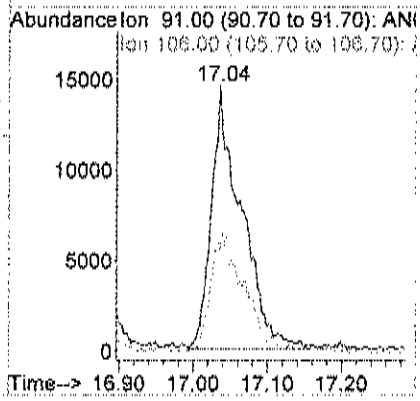


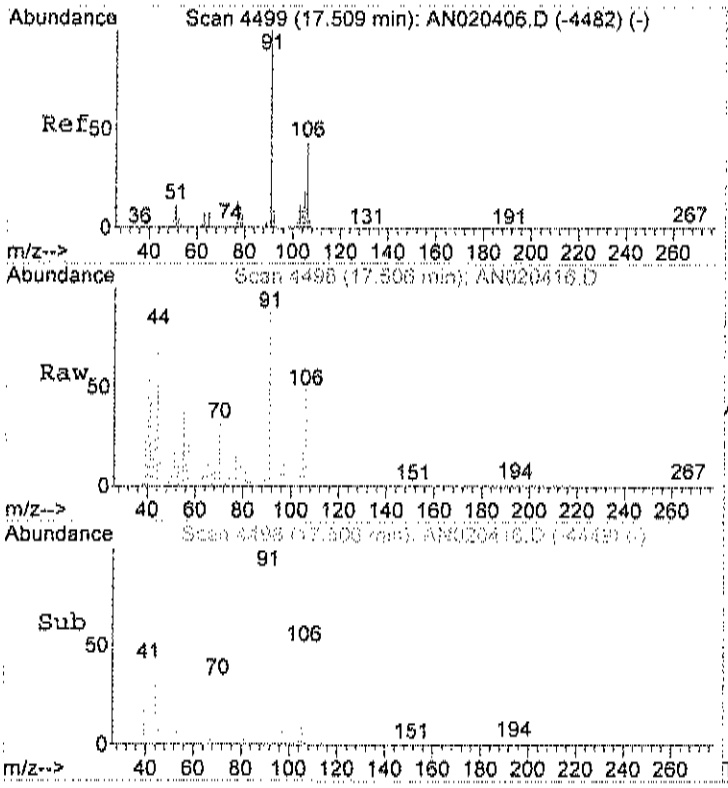


#60
m&p-xylene
Concen: 0.46 ppb
RT: 17.04 min Scan# 4341
Delta R.T. -0.03 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion: 91 Resp: 41105

Ion	Ratio	Lower	Upper
91	100		
106	50.7	25.3	65.3

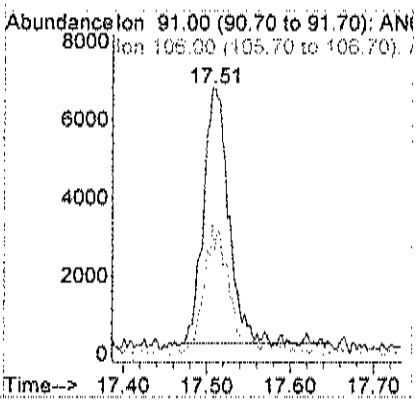


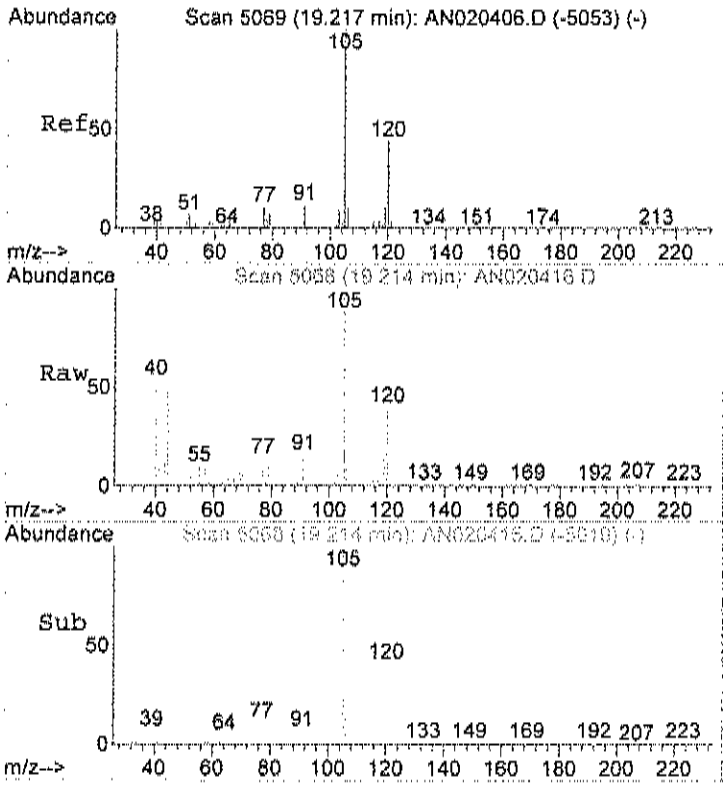


#64
o-xylene
Concen: 0.13 ppb
RT: 17.51 min Scan# 4498
Delta R.T. -0.00 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion: 91 Resp: 13737

Ion	Ratio	Lower	Upper
91	100		
106	52.5	18.4	58.4

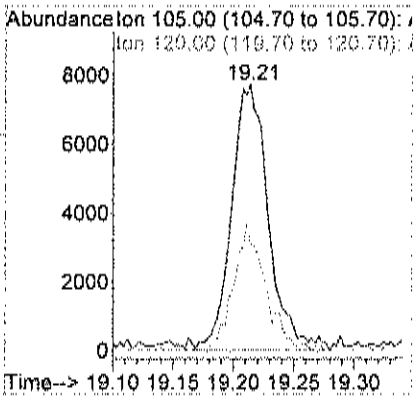




#72
1,2,4-trimethylbenzene
Concen: 0.17 ppb
RT: 19.21 min Scan# 5068
Delta R.T. -0.00 min
Lab File: AN020416.D
Acq: 4 Feb 2016 6:41 pm

Tgt Ion:105 Resp: 16577

Ion	Ratio	Lower	Upper
105	100		
120	40.3	22.1	62.1



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020506.D Vial: 6
Acq On : 5 Feb 2016 12:33 pm Operator: RJP
Sample : C1602007-003A 10X Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 05 13:19:46 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.84	128	22659	1.00	ppb	0.02
35) 1,4-difluorobenzene	12.09	114	100420	1.00	ppb	0.00
50) Chlorobenzene-d5	16.59	117	84805	1.00	ppb	0.00
System Monitoring Compounds						
66) Bromofluorobenzene	18.17	95	46024	0.80	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 80.00%			
Target Compounds						Qvalue
15) Acetone	6.09	58	4027	0.42	ppb	# 21
31) Ethyl acetate	9.59	43	26925m	0.39	ppb	
51) Toluene	14.71	92	24850m	0.44	ppb	

(#) = qualifier out of range (m) = manual integration (+) = signals summed
AN020506.D A204_1UG.M Thu Mar 03 09:52:54 2016 MSD1 Page 1

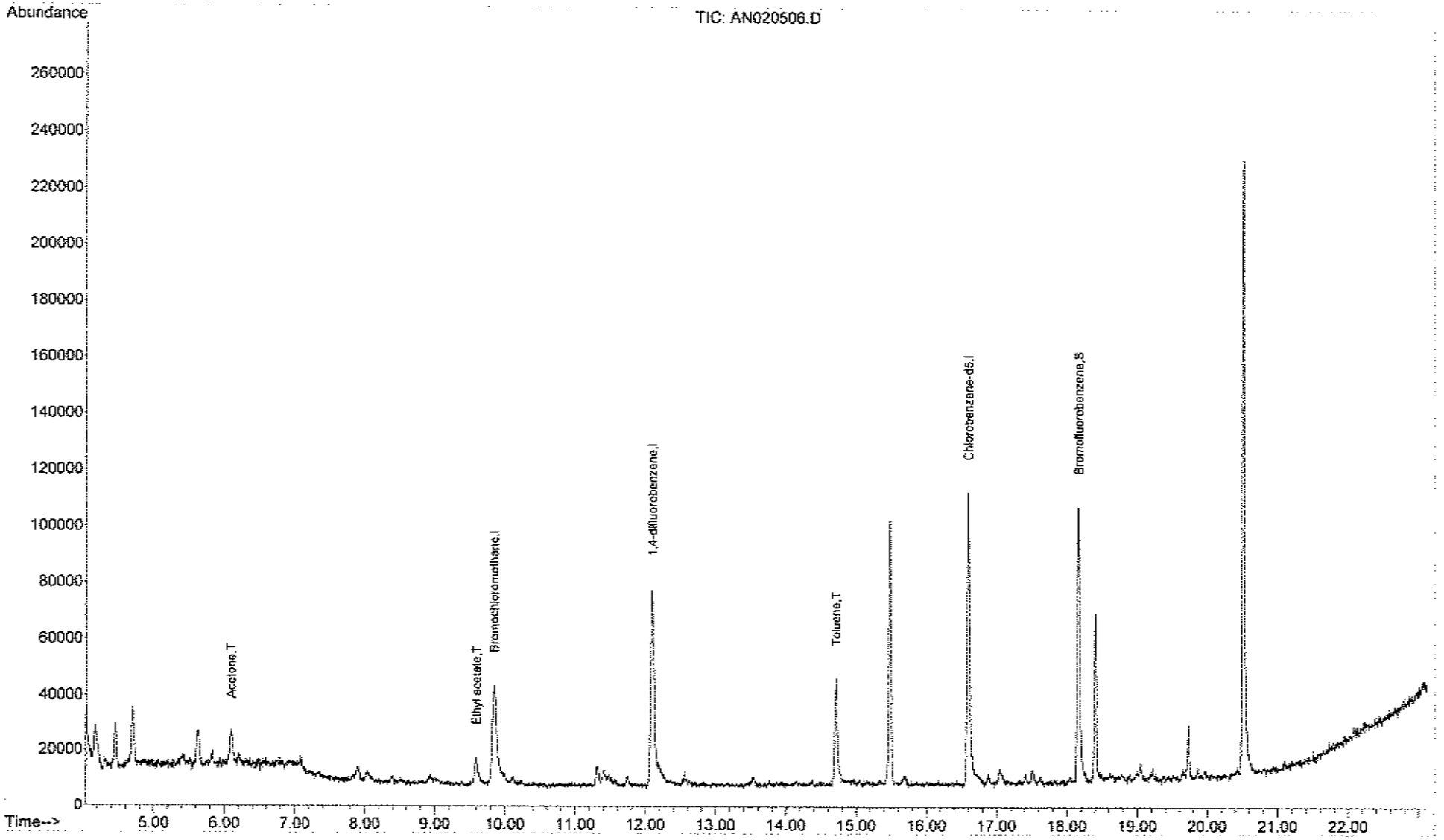
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020506.D
Acq On : 5 Feb 2016 12:33 pm
Sample : C1602007-003A 10X
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 8 10:12 2016

Vial: 6
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

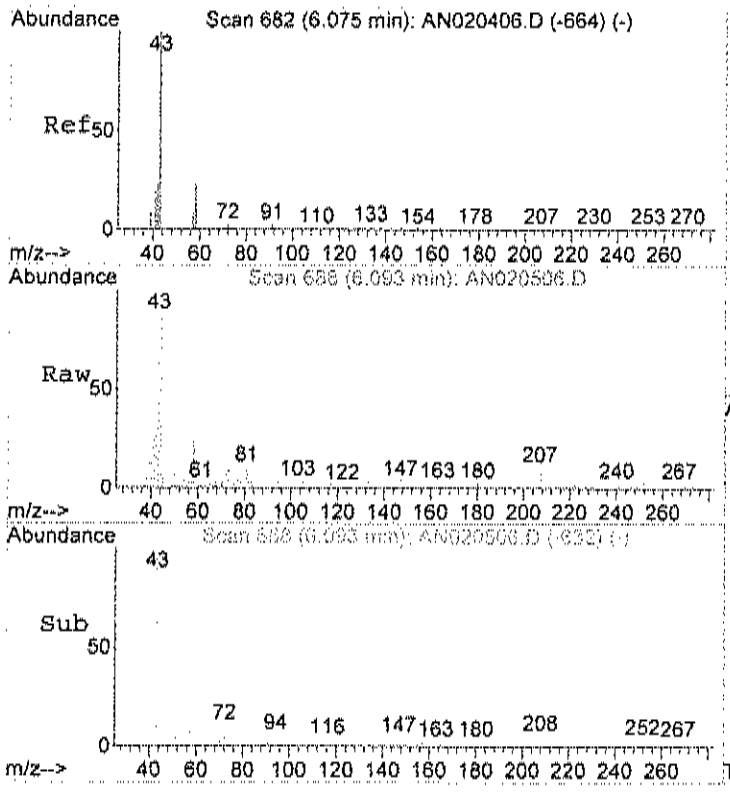
Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration



AN020506.D A204_1UG.M Thu Mar 03 09:52:55 2016 MSD1

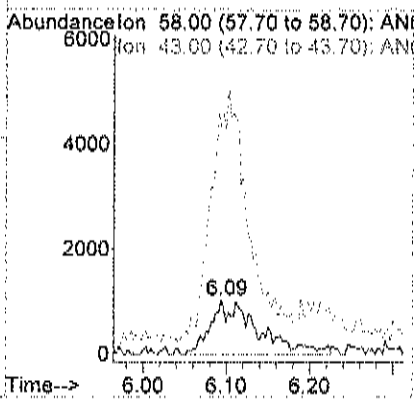
Centek Laboratories, LLC

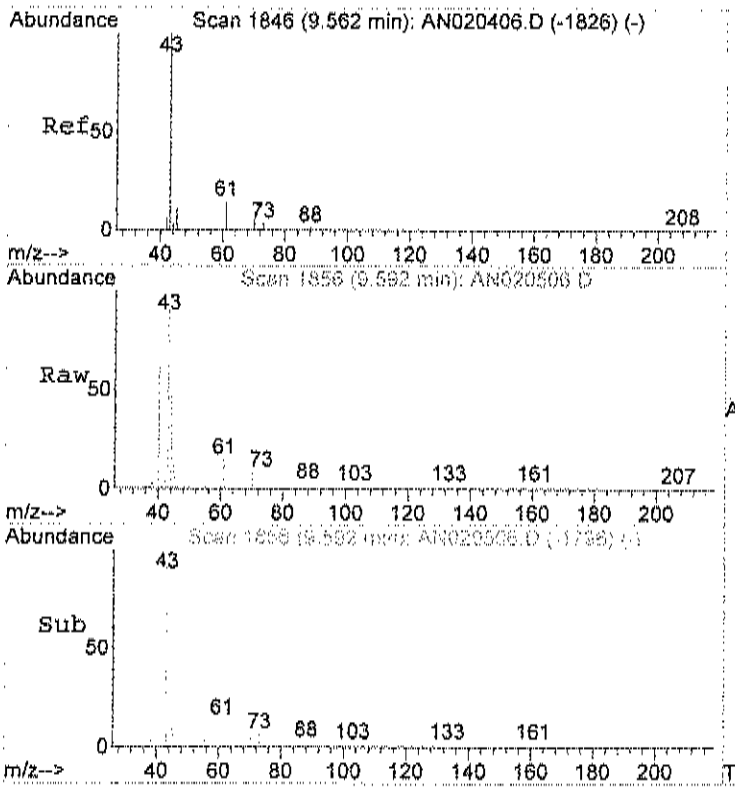


#15
Acetone
Concen: 0.42 ppb
RT: 6.09 min Scan# 688
Delta R.T. 0.02 min
Lab File: AN020506.D
Acq: 5 Feb 2016 12:33 pm

Tgt Ion: 58 Resp: 4027

Ion	Ratio	Lower	Upper
58	100		
43	418.2	661.8	721.8#

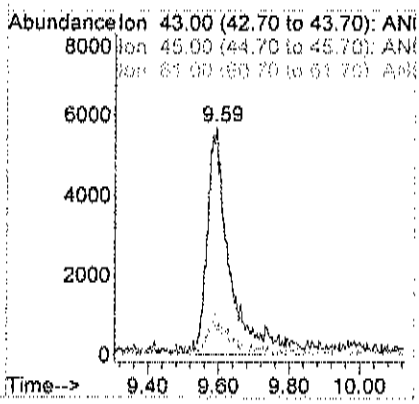


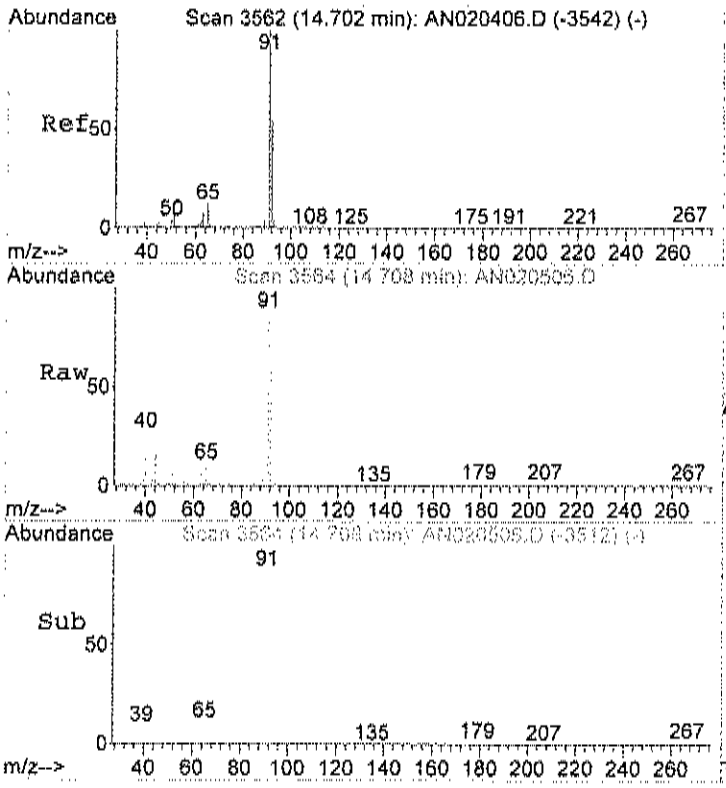


#31
Ethyl acetate
Concen: 0.39 ppb m
RT: 9.59 min Scan# 1856
Delta R.T. 0.03 min
Lab File: AN020506.D
Acq: 5 Feb 2016 12:33 pm

Tgt Ion: 43 Resp: 26925

Ion	Ratio	Lower	Upper
43	100		
45	14.1	0.0	33.8
61	12.3	0.0	33.3

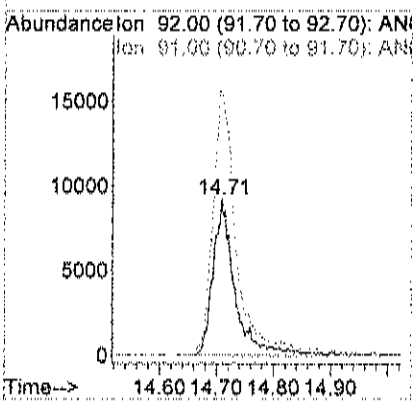




#51
Toluene
Concen: 0.44 ppb m
RT: 14.71 min Scan# 3564
Delta R.T. 0.01 min
Lab File: AN020506.D
Acq: 5 Feb 2016 12:33 pm

Tgt Ion: 92 Resp: 24850

Ion	Ratio	Lower	Upper
92	100		
91	0.0	152.5	192.5#



Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-2
Lab Order:	C1602007	**Tag Number:**	234.345
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		2/3/2016
Lab Vacuum Out	-30			"Hg		2/3/2016
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,2,4-Trimethylbenzene	0.42	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,3,5-Trimethylbenzene	0.19	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
1,4-Dioxane	0.14	0.30	J	ppbV	1	2/4/2016 7:20:00 PM
2,2,4-trimethylpentane	0.51	0.15		ppbV	1	2/4/2016 7:20:00 PM
4-ethyltoluene	0.11	0.15	J	ppbV	1	2/4/2016 7:20:00 PM
Acetone	3.3	1.5		ppbV	5	2/5/2016 1:10:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Benzene	0.33	0.15		ppbV	1	2/4/2016 7:20:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Bromoform	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Carbon tetrachloride	0.090	0.040		ppbV	1	2/4/2016 7:20:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Chloroform	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Chloromethane	0.66	0.15		ppbV	1	2/4/2016 7:20:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Cyclohexane	0.33	0.15		ppbV	1	2/4/2016 7:20:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Ethyl acetate	< 0.25	0.25		ppbV	1	2/4/2016 7:20:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	1A-2
Lab Order:	C1602007	**Tag Number:**	234.345
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethylbenzene	0.18	0.15		ppbV	1	2/4/2016 7:20:00 PM
Freon 11	0.37	0.15		ppbV	1	2/4/2016 7:20:00 PM
Freon 113	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Freon 114	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Freon 12	0.61	0.15		ppbV	1	2/4/2016 7:20:00 PM
Heptane	0.49	0.15		ppbV	1	2/4/2016 7:20:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Hexane	0.44	0.15		ppbV	1	2/4/2016 7:20:00 PM
Isopropyl alcohol	0.88	0.15		ppbV	1	2/4/2016 7:20:00 PM
m&p-Xylene	0.59	0.30		ppbV	1	2/4/2016 7:20:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/4/2016 7:20:00 PM
Methyl Ethyl Ketone	0.50	0.30		ppbV	1	2/4/2016 7:20:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	2/4/2016 7:20:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Methylene chloride	0.28	0.15		ppbV	1	2/4/2016 7:20:00 PM
o-Xylene	0.23	0.15		ppbV	1	2/4/2016 7:20:00 PM
Propylene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Styrene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Tetrachloroethylene	0.23	0.15		ppbV	1	2/4/2016 7:20:00 PM
Tetrahydrofuran	0.18	0.15		ppbV	1	2/4/2016 7:20:00 PM
Toluene	4.8	0.75		ppbV	5	2/5/2016 1:10:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Trichloroethene	< 0.040	0.040		ppbV	1	2/4/2016 7:20:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/4/2016 7:20:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	2/4/2016 7:20:00 PM
Surr: Bromofluorobenzene	104	70-130		%REC	1	2/4/2016 7:20:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-2
Lab Order:	C1602007	**Tag Number:**	234.345
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/4/2016 7:20:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/4/2016 7:20:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/4/2016 7:20:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/4/2016 7:20:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 7:20:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/4/2016 7:20:00 PM
1,2,4-Trimethylbenzene	2.1	0.74		ug/m3	1	2/4/2016 7:20:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/4/2016 7:20:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 7:20:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/4/2016 7:20:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/4/2016 7:20:00 PM
1,3,5-Trimethylbenzene	0.93	0.74		ug/m3	1	2/4/2016 7:20:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/4/2016 7:20:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 7:20:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 7:20:00 PM
1,4-Dioxane	0.50	1.1	J	ug/m3	1	2/4/2016 7:20:00 PM
2,2,4-trimethylpentane	2.4	0.70		ug/m3	1	2/4/2016 7:20:00 PM
4-ethyltoluene	0.54	0.74	J	ug/m3	1	2/4/2016 7:20:00 PM
Acetone	7.8	3.6		ug/m3	5	2/5/2016 1:10:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/4/2016 7:20:00 PM
Benzene	1.1	0.48		ug/m3	1	2/4/2016 7:20:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/4/2016 7:20:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/4/2016 7:20:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/4/2016 7:20:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	2/4/2016 7:20:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/4/2016 7:20:00 PM
Carbon tetrachloride	0.57	0.25		ug/m3	1	2/4/2016 7:20:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/4/2016 7:20:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/4/2016 7:20:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	2/4/2016 7:20:00 PM
Chloromethane	1.4	0.31		ug/m3	1	2/4/2016 7:20:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 7:20:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/4/2016 7:20:00 PM
Cyclohexane	1.1	0.52		ug/m3	1	2/4/2016 7:20:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/4/2016 7:20:00 PM
Ethyl acetate	< 0.90	0.90		ug/m3	1	2/4/2016 7:20:00 PM
Ethylbenzene	0.78	0.65		ug/m3	1	2/4/2016 7:20:00 PM
Freon 11	2.1	0.84		ug/m3	1	2/4/2016 7:20:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/4/2016 7:20:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/4/2016 7:20:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-2
Lab Order:	C1602007	**Tag Number:**	234.345
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	3.0	0.74		ug/m3	1	2/4/2016 7:20:00 PM
Heptane	2.0	0.61		ug/m3	1	2/4/2016 7:20:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/4/2016 7:20:00 PM
Hexane	1.6	0.53		ug/m3	1	2/4/2016 7:20:00 PM
Isopropyl alcohol	2.2	0.37		ug/m3	1	2/4/2016 7:20:00 PM
m&p-Xylene	2.6	1.3		ug/m3	1	2/4/2016 7:20:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/4/2016 7:20:00 PM
Methyl Ethyl Ketone	1.5	0.88		ug/m3	1	2/4/2016 7:20:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	2/4/2016 7:20:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/4/2016 7:20:00 PM
Methylene chloride	0.97	0.52		ug/m3	1	2/4/2016 7:20:00 PM
o-Xylene	1.0	0.65		ug/m3	1	2/4/2016 7:20:00 PM
Propylene	< 0.26	0.26		ug/m3	1	2/4/2016 7:20:00 PM
Styrene	< 0.64	0.64		ug/m3	1	2/4/2016 7:20:00 PM
Tetrachloroethylene	1.6	1.0		ug/m3	1	2/4/2016 7:20:00 PM
Tetrahydrofuran	0.53	0.44		ug/m3	1	2/4/2016 7:20:00 PM
Toluene	18	2.8		ug/m3	5	2/5/2016 1:10:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 7:20:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/4/2016 7:20:00 PM
Trichloroethene	< 0.21	0.21		ug/m3	1	2/4/2016 7:20:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/4/2016 7:20:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/4/2016 7:20:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	2/4/2016 7:20:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020417.D Vial: 15
Acq On : 4 Feb 2016 7:20 pm Operator: RJP
Sample : C1602007-004A Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 05 08:56:41 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.83	128	23656	1.00	ppb		0.00
35) 1,4-difluorobenzene	12.08	114	103509	1.00	ppb		0.00
50) Chlorobenzene-d5	16.58	117	74570	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.16	95	52697	1.04	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 104.00%				
Target Compounds							Qvalue
3) Freon 12	4.21	85	62438	0.61	ppb		99
4) Chloromethane	4.41	50	20725	0.66	ppb		91
14) Freon 11	5.83	101	38508	0.37	ppb		96
15) Acetone	6.05	58	28047	2.80	ppb	#	50
17) Isopropyl alcohol	6.17	45	25386	0.88	ppb	#	46
21) Methylene chloride	7.07	84	8638	0.28	ppb	#	84
28) Methyl Ethyl Ketone	8.98	72	7685	0.50	ppb	#	100
30) Hexane	8.94	57	22725	0.44	ppb		91
33) Tetrahydrofuran	10.20	42	6610m	0.18	ppb		
37) Cyclohexane	11.47	56	16156m	0.33	ppb		
38) Carbon tetrachloride	11.42	117	6539	0.09	ppb		98
39) Benzene	11.40	78	30320	0.33	ppb		95
41) 1,4-dioxane	13.03	88	2509	0.14	ppb		85
42) 2,2,4-trimethylpentane	12.21	57	86642	0.51	ppb		88
43) Heptane	12.55	43	25092	0.49	ppb		87
51) Toluene	14.70	92	274140	5.49	ppb		97
56) Tetrachloroethylene	15.68	164	7981	0.23	ppb		100
59) Ethylbenzene	16.87	91	20118	0.18	ppb		99
60) m&p-xylene	17.04	91	49614	0.59	ppb		91
64) o-xylene	17.51	91	21836	0.23	ppb		87
70) 4-ethyltoluene	18.72	105	11953m	0.11	ppb		
71) 1,3,5-trimethylbenzene	18.78	105	20156m	0.19	ppb		
72) 1,2,4-trimethylbenzene	19.21	105	38615	0.42	ppb		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

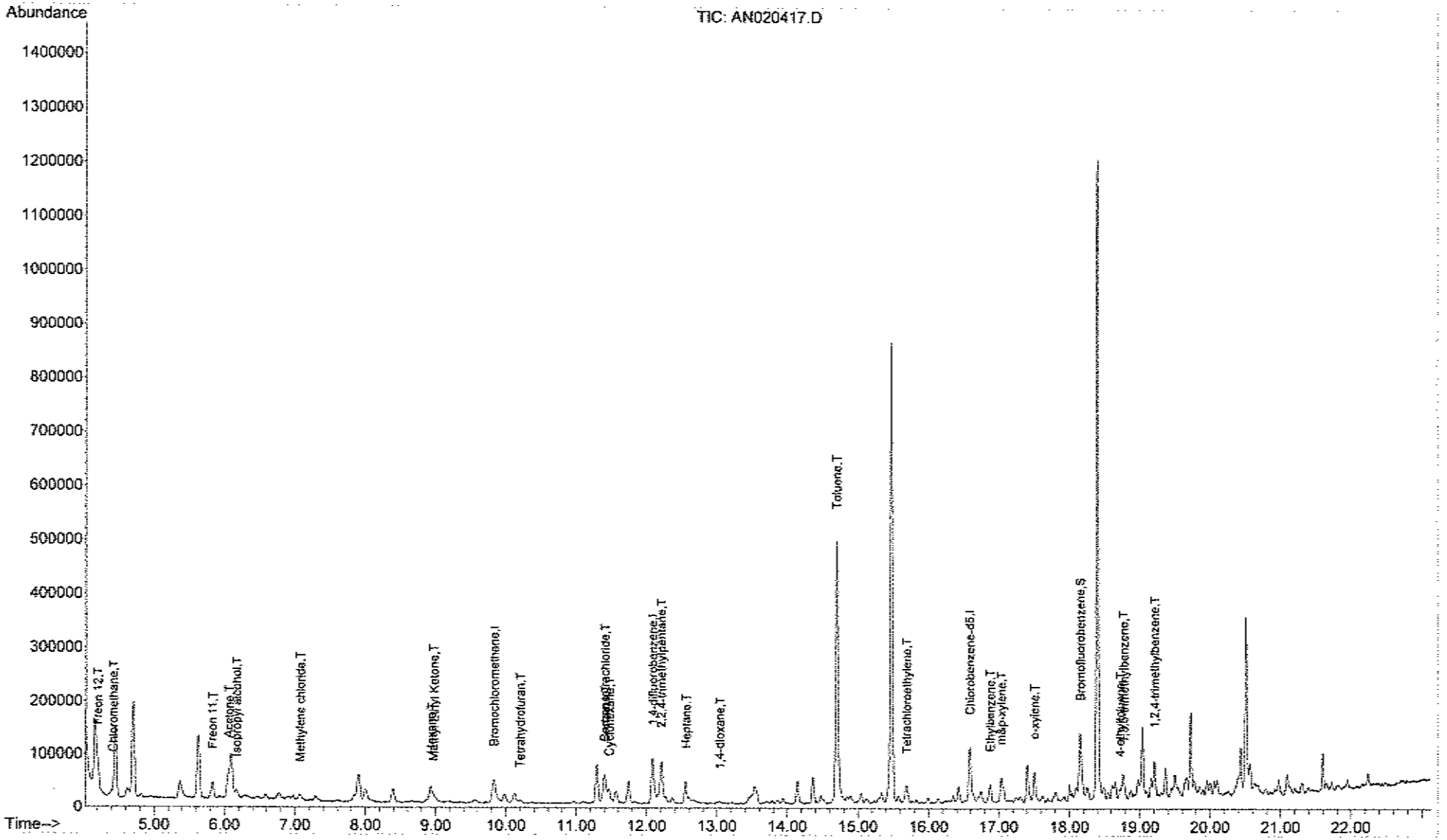
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020417.D
Acq On : 4 Feb 2016 7:20 pm
Sample : C1602007-004A
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 8 8:38 2016

Vial: 15
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration



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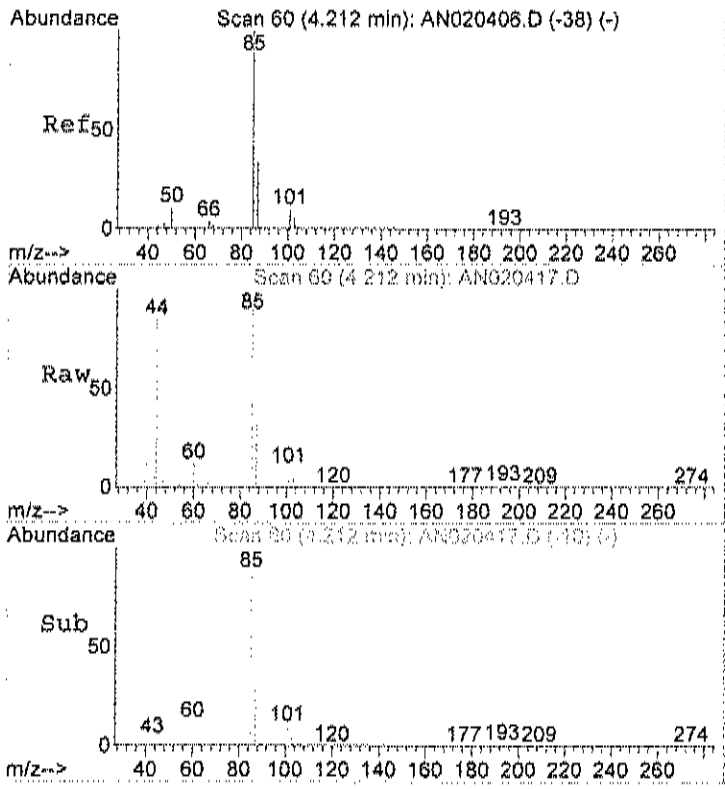
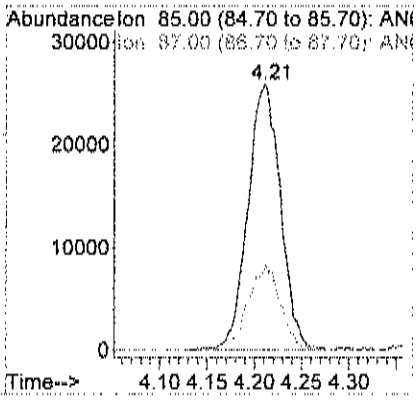
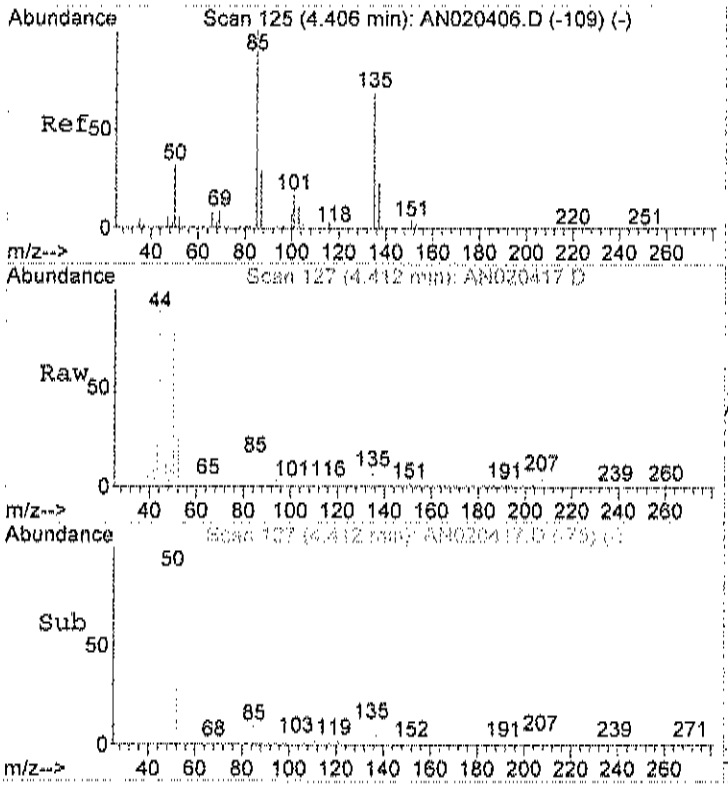


#3
Freon 12
Concen: 0.61 ppb
RT: 4.21 min Scan# 60
Delta R.T. -0.00 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion: 85 Resp: 62438

Ion	Ratio	Lower	Upper
85	100		
87	31.7	12.5	52.5

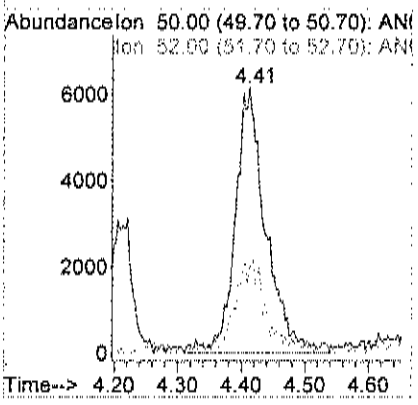


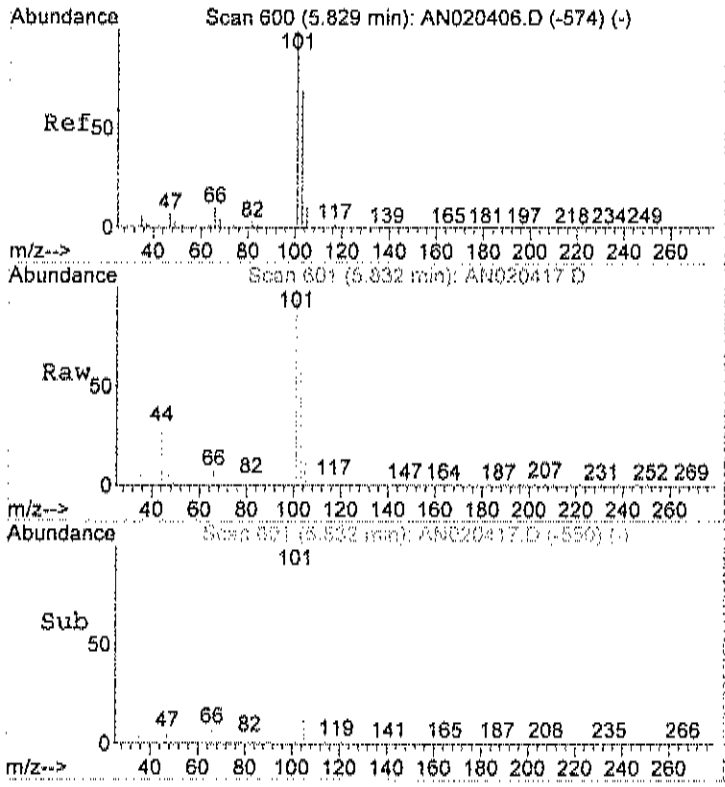


#4
Chloromethane
Concen: 0.66 ppb
RT: 4.41 min Scan# 127
Delta R.T. 0.01 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion: 50 Resp: 20725

Ion	Ratio	Lower	Upper
50	100		
52	34.1	9.2	49.2

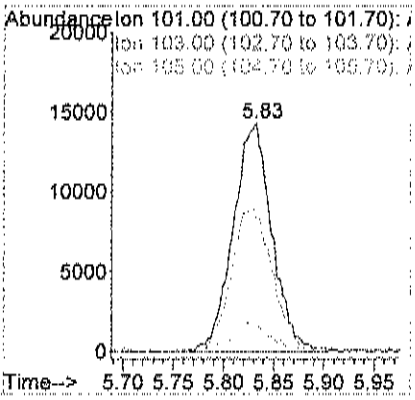


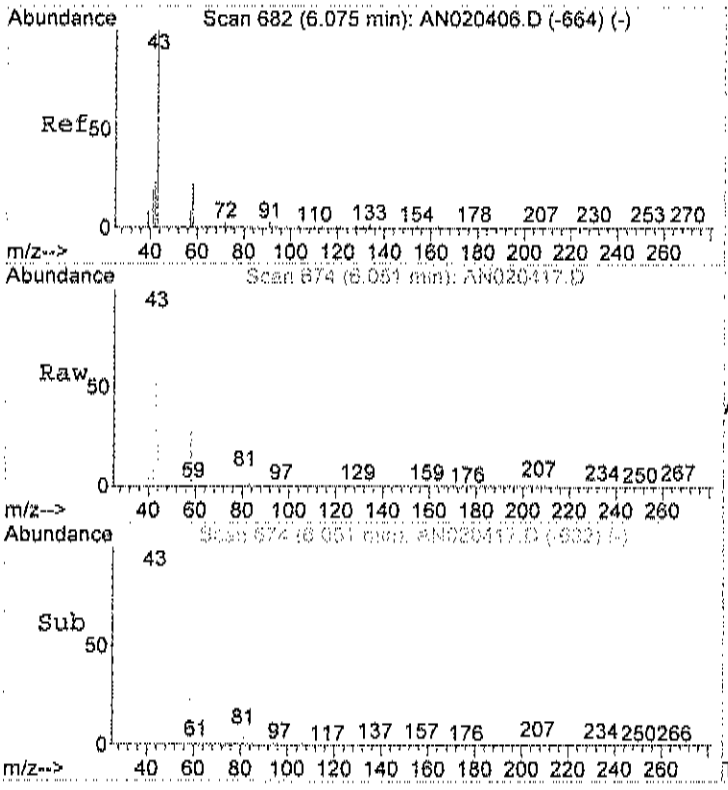


#14
Freon 11
Concen: 0.37 ppb
RT: 5.83 min Scan# 601
Delta R.T. 0.00 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion:101 Resp: 38508

Ion	Ratio	Lower	Upper
101	100		
103	66.8	44.6	84.6
105	15.1	0.0	31.6

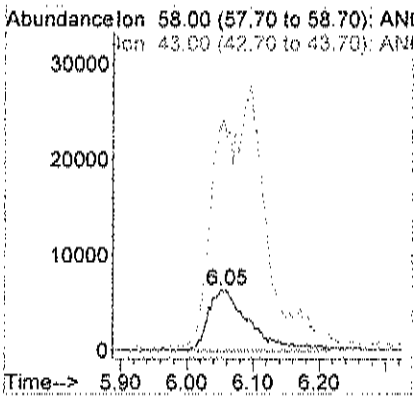


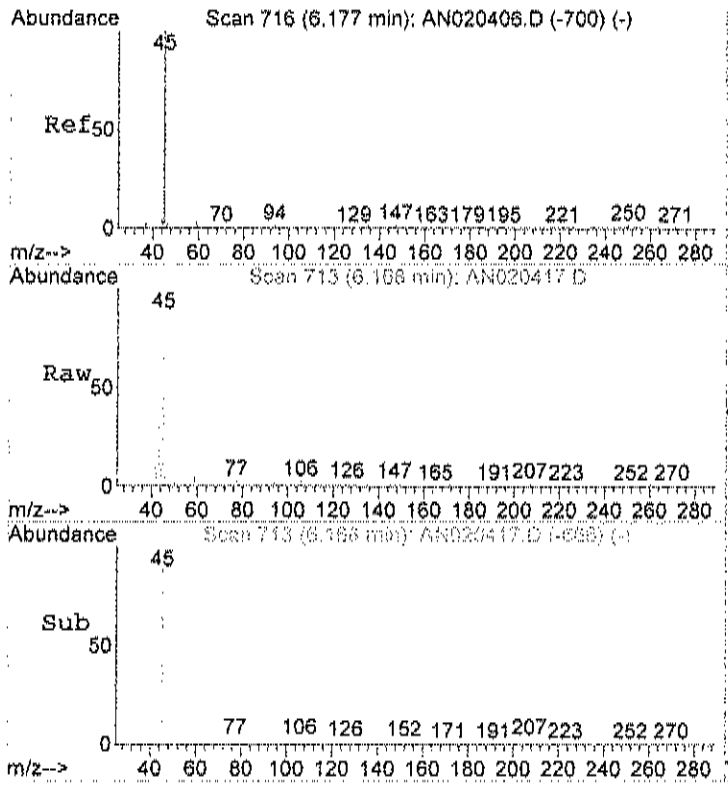


#15
Acetone
Concen: 2.80 ppb
RT: 6.05 min Scan# 674
Delta R.T. -0.02 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion: 58 Resp: 28047

Ion	Ratio	Lower	Upper
58	100		
43	519.8	661.8	721.8#

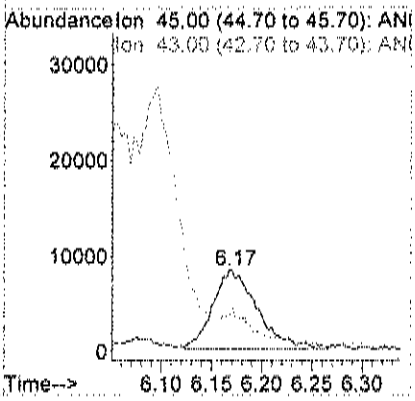


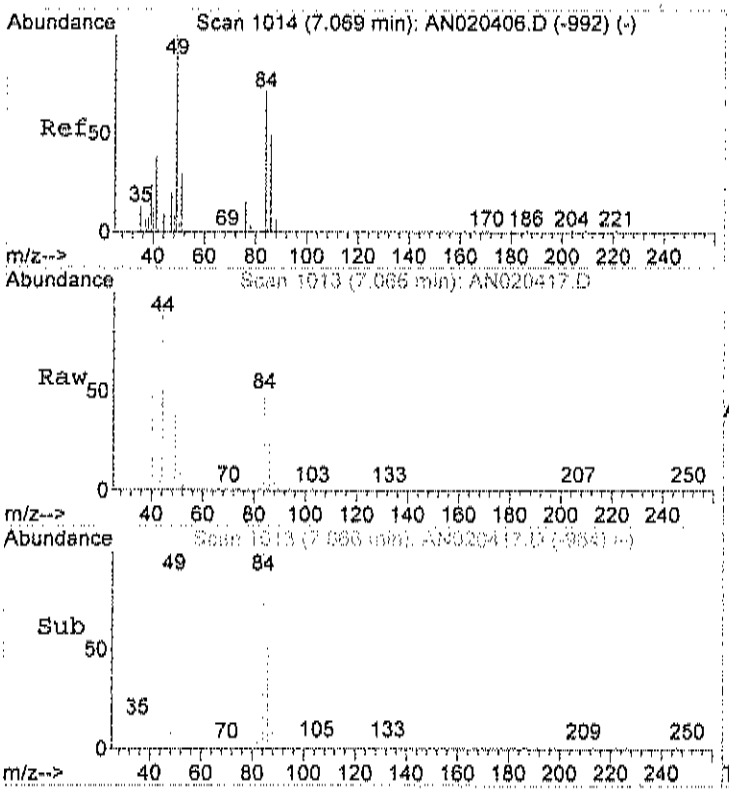


#17
Isopropyl alcohol
Concen: 0.88 ppb
RT: 6.17 min Scan# 713
Delta R.T. -0.01 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion: 45 Resp: 25386

Ion	Ratio	Lower	Upper
45	100		
43	0.0	8.9	48.9#

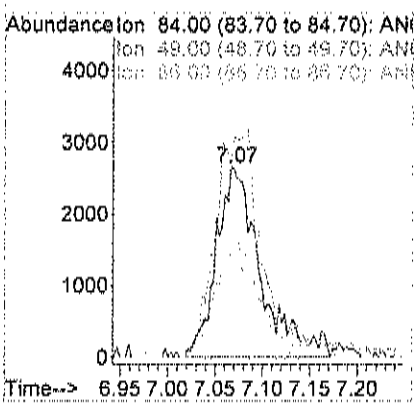


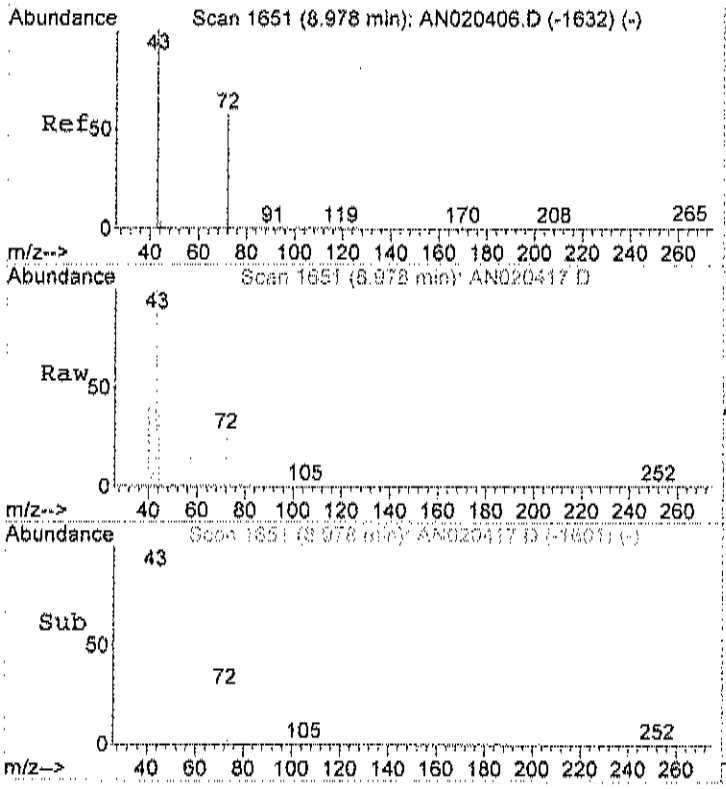


#21
Methylene chloride
Concen: 0.28 ppb
RT: 7.07 min Scan# 1013
Delta R.T. -0.00 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion: 84 Resp: 8638

Ion	Ratio	Lower	Upper
84	100		
49	130.3	87.8	127.8#
86	58.4	43.1	83.1

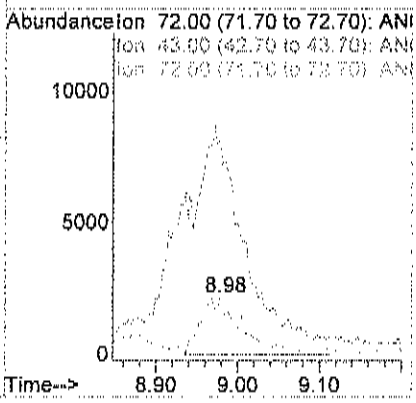


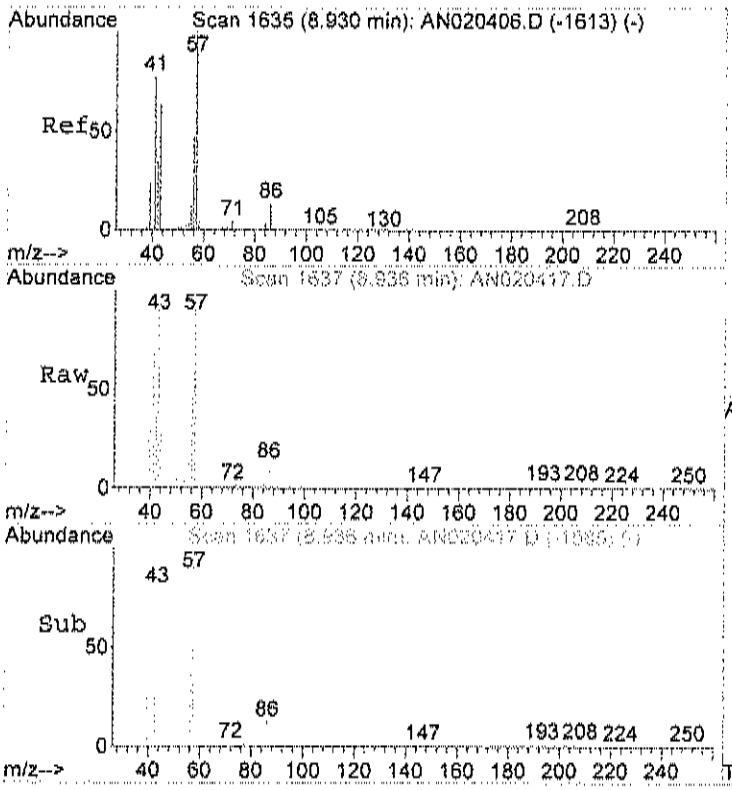


#28
Methyl Ethyl Ketone
Concen: 0.50 ppb
RT: 8.98 min Scan# 1651
Delta R.T. -0.00 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion: 72 Resp: 7685

Ion	Ratio	Lower	Upper
72	100		
43	0.0	0.0	20.0
72	100.0	80.0	120.0

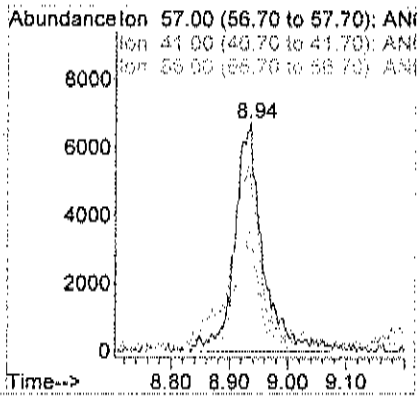


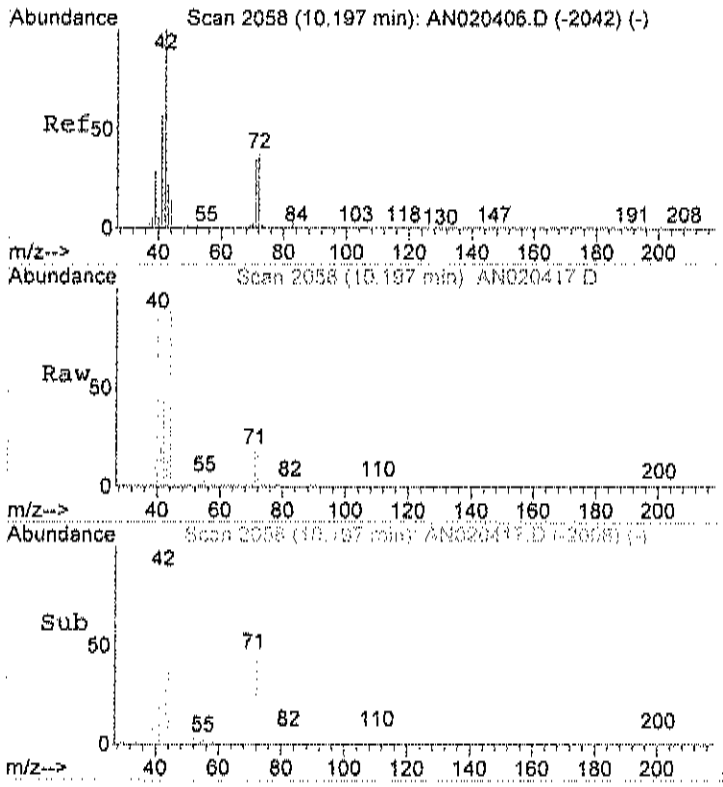


#30
Hexane
Concen: 0.44 ppb
RT: 8.94 min Scan# 1637
Delta R.T. 0.01 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion: 57 Resp: 22725

Ion	Ratio	Lower	Upper
57	100		
41	95.7	66.6	106.6
56	44.6	30.6	70.6

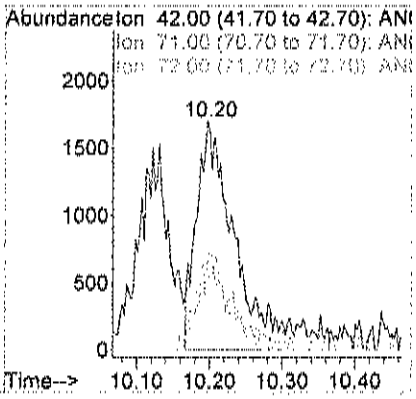


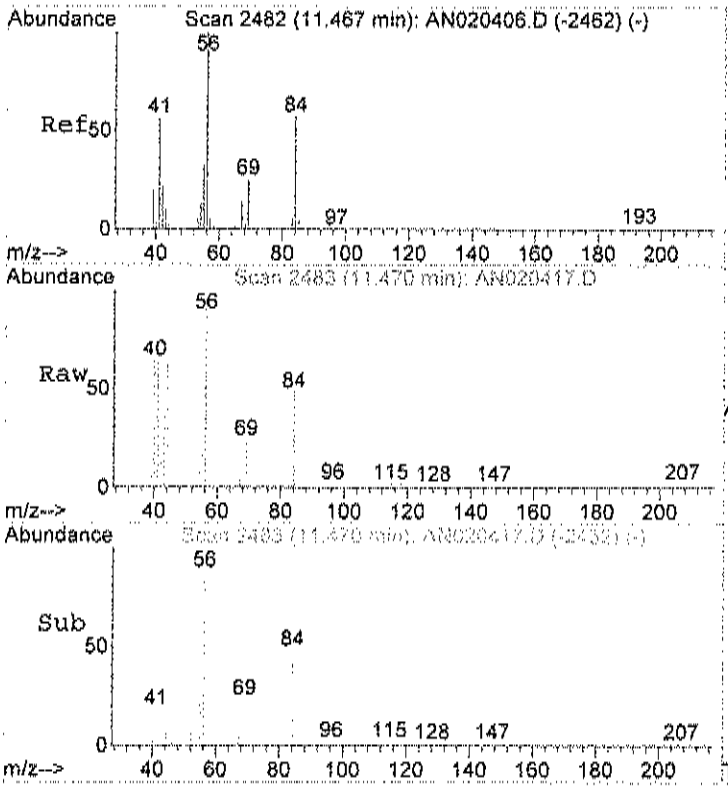


#33
Tetrahydrofuran
Concen: 0.18 ppb m
RT: 10.20 min Scan# 2058
Delta R.T. -0.00 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion: 42 Resp: 6610

Ion	Ratio	Lower	Upper
42	100		
71	30.9	20.0	60.0
72	34.1	19.1	59.1

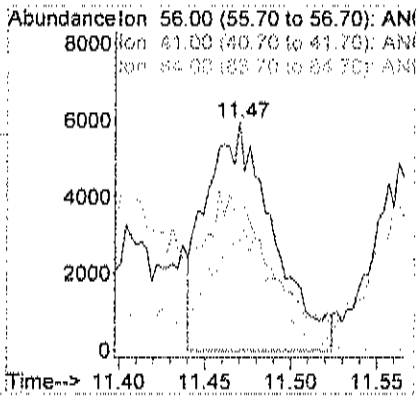


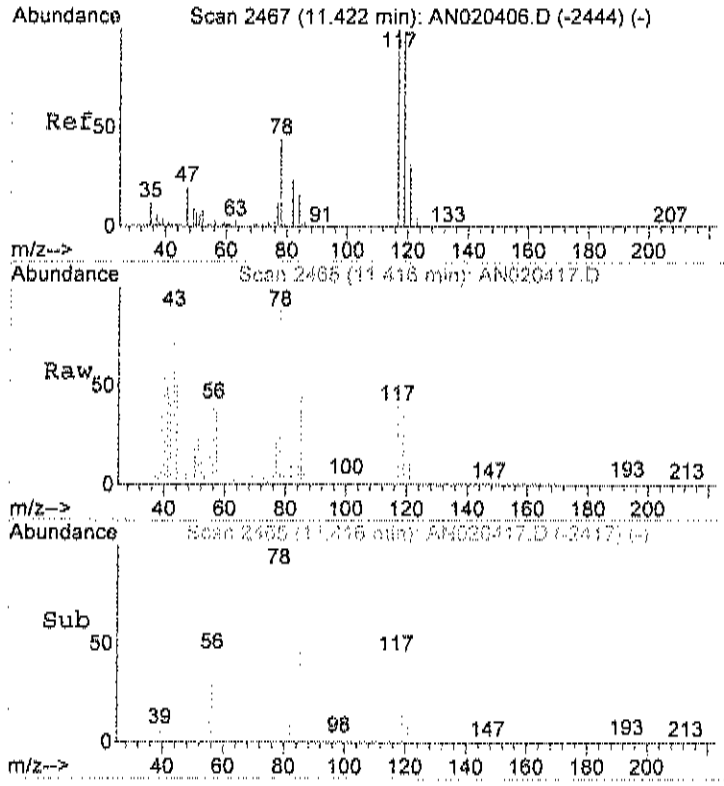


#37
Cyclohexane
Concen: 0.33 ppb m
RT: 11.47 min Scan# 2483
Delta R.T. 0.00 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion: 56 Resp: 16156

Ion	Ratio	Lower	Upper
56	100		
41	125.3	47.3	87.3#
84	66.4	88.1	128.1#

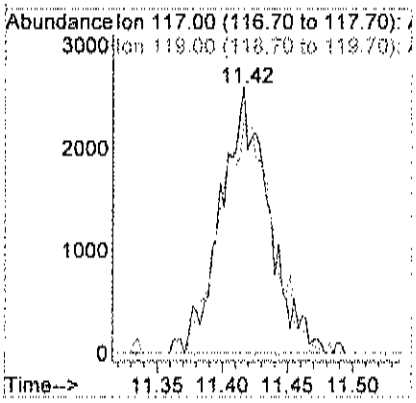


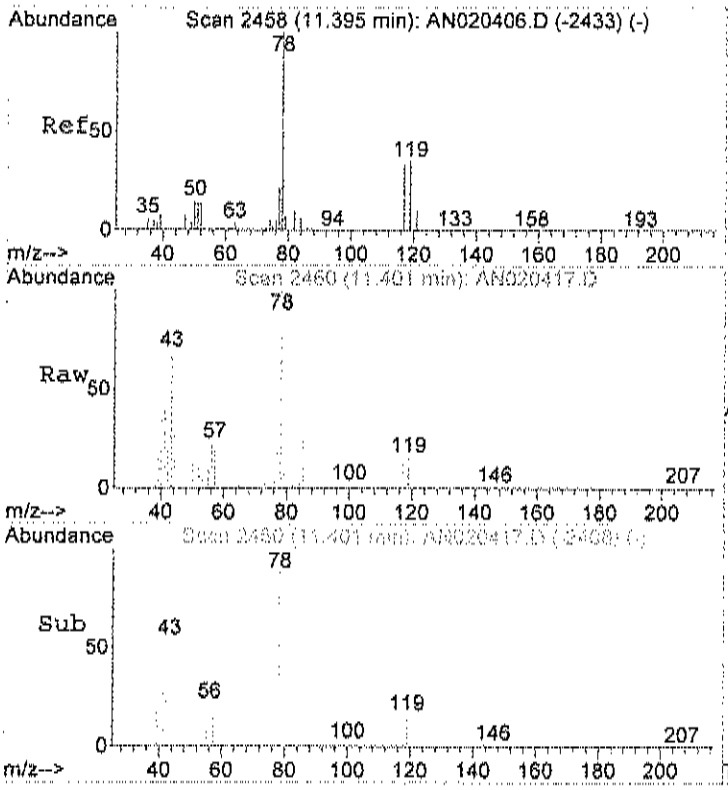


#38
Carbon tetrachloride
Concen: 0.09 ppb
RT: 11.42 min Scan# 2465
Delta R.T. -0.01 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion:117 Resp: 6539

Ion	Ratio	Lower	Upper
117	100		
119	96.5	74.5	114.5

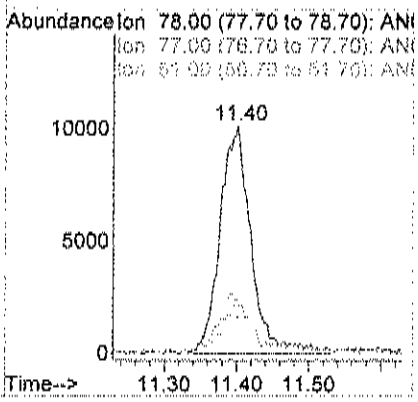


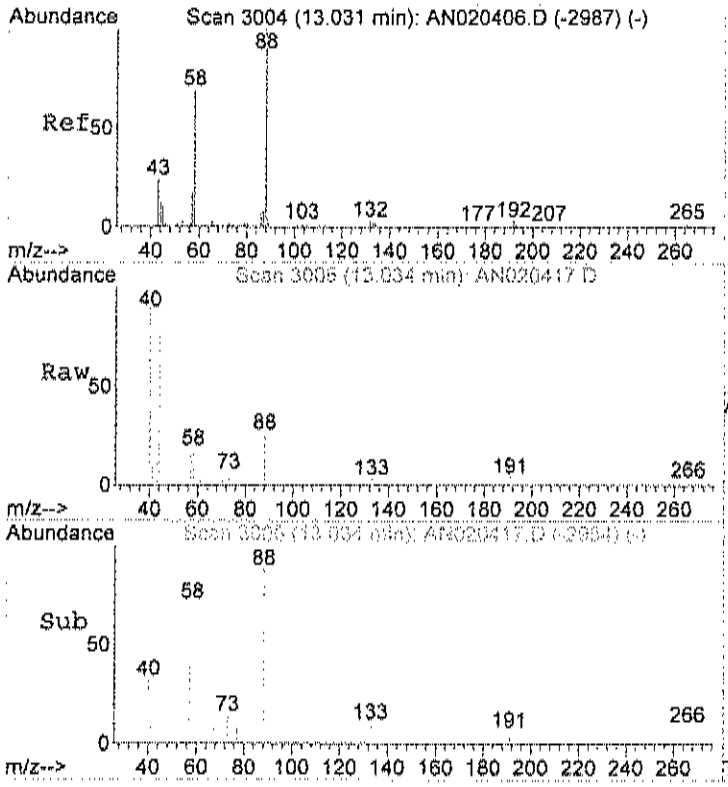


#39
Benzene
Concen: 0.33 ppb
RT: 11.40 min Scan# 2460
Delta R.T. 0.01 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion: 78 Resp: 30320

Ion	Ratio	Lower	Upper
78	100		
77	29.1	6.0	46.0
51	23.4	2.1	42.1

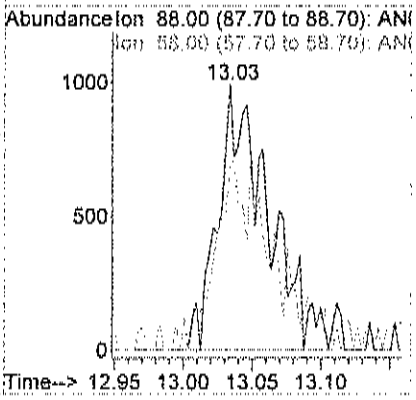


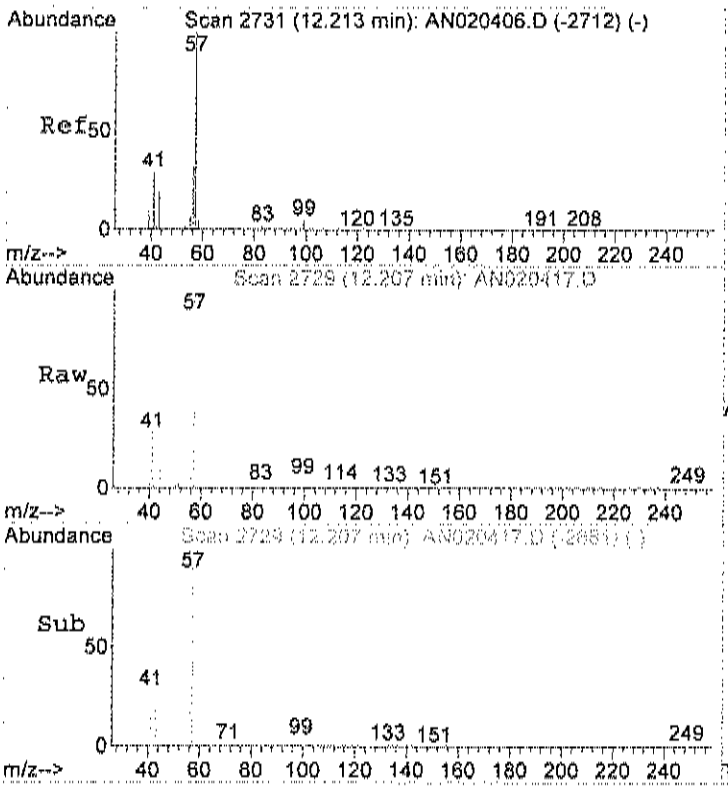


#41
1,4-dioxane
Concen: 0.14 ppb
RT: 13.03 min Scan# 3005
Delta R.T. 0.00 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion: 88 Resp: 2509

Ion	Ratio	Lower	Upper
88	100		
58	78.9	47.0	87.0

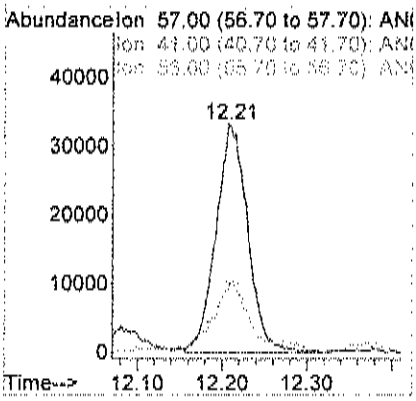


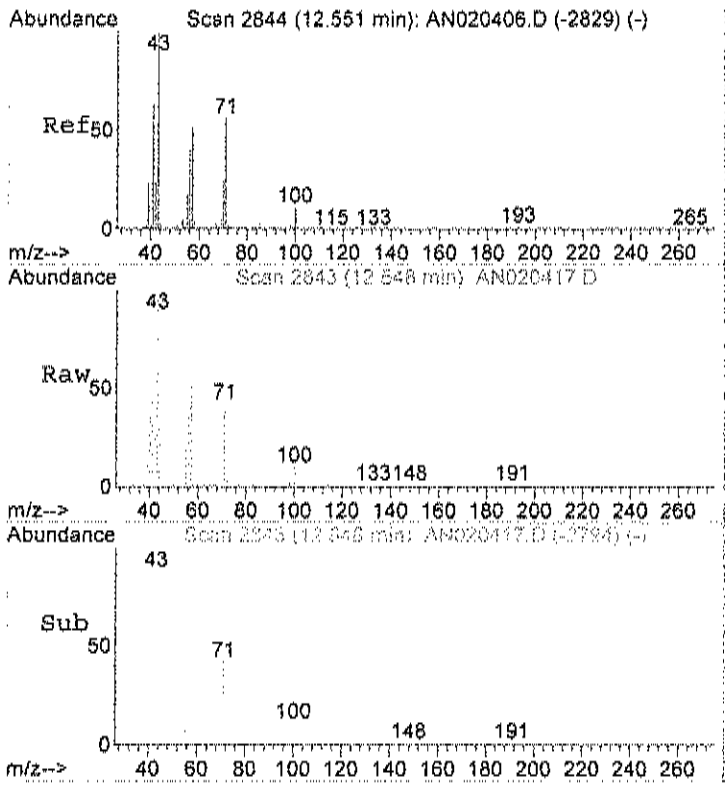


#42
2,2,4-trimethylpentane
Concen: 0.51 ppb
RT: 12.21 min Scan# 2729
Delta R.T. -0.01 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion: 57 Resp: 86642

Ion	Ratio	Lower	Upper
57	100		
41	37.5	14.1	54.1
56	42.3	11.4	51.4

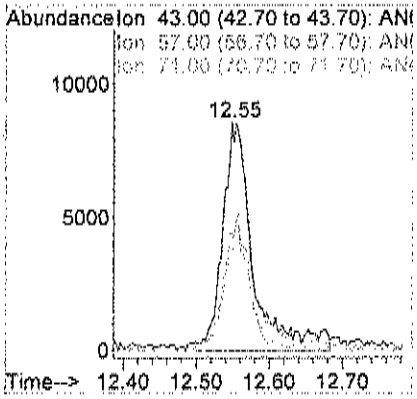


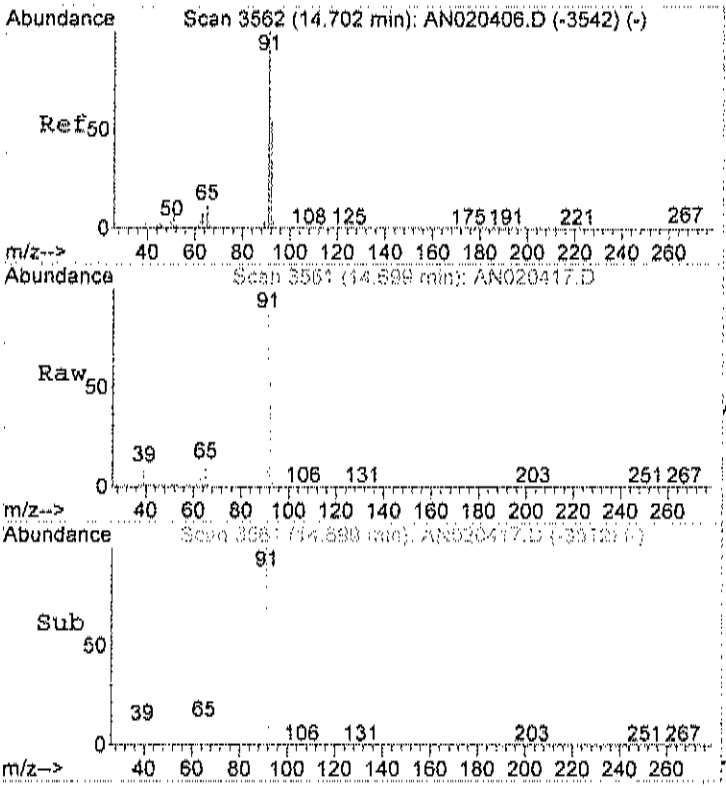


#43
Heptane
Concen: 0.49 ppb
RT: 12.55 min Scan# 2843
Delta R.T. -0.00 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion: 43 Resp: 25092

Ion	Ratio	Lower	Upper
43	100		
57	60.6	31.3	71.3
71	45.8	34.8	74.8

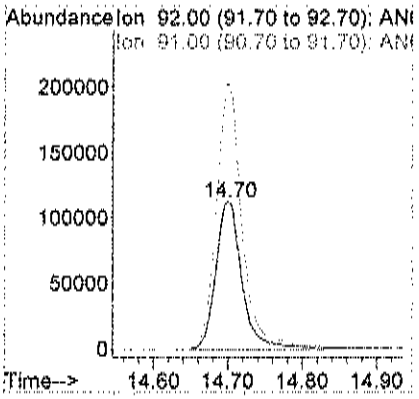


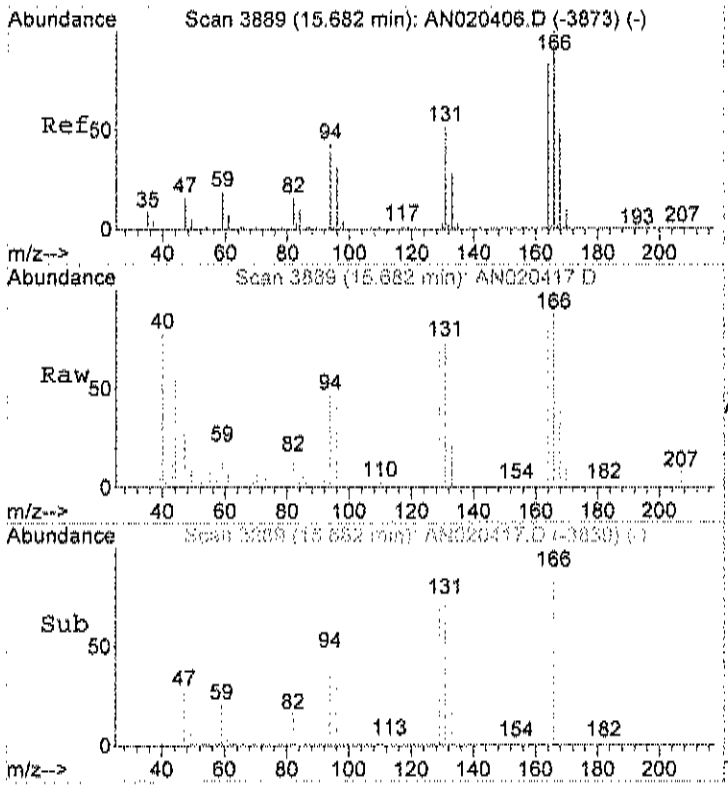


#51
Toluene
Concen: 5.49 ppb
RT: 14.70 min Scan# 3561
Delta R.T. -0.00 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion: 92 Resp: 274140

Ion	Ratio	Lower	Upper
92	100		
91	176.4	152.5	192.5

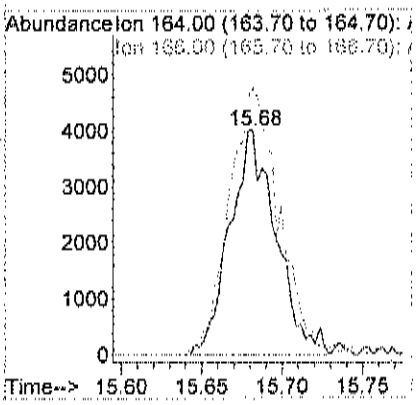


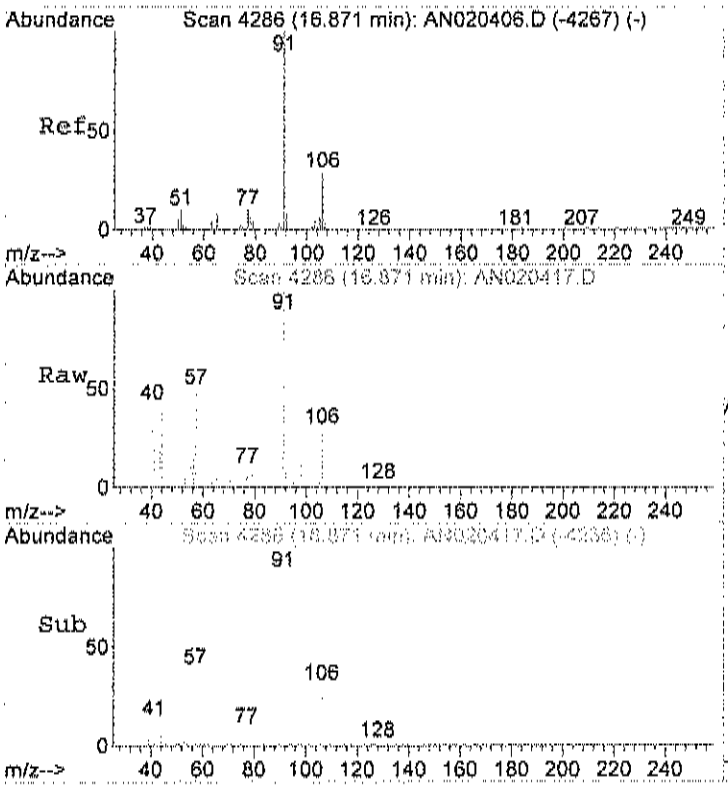


#56
Tetrachloroethylene
Concen: 0.23 ppb
RT: 15.68 min Scan# 3889
Delta R.T. -0.00 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion:164 Resp: 7981

Ion	Ratio	Lower	Upper
164	100		
166	128.2	108.6	148.6

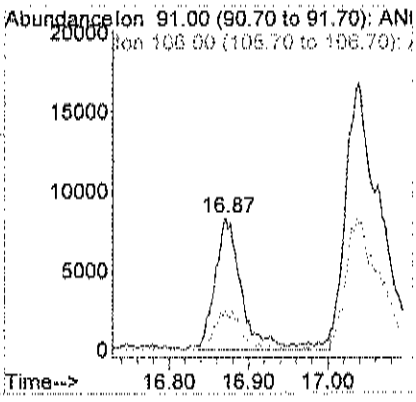


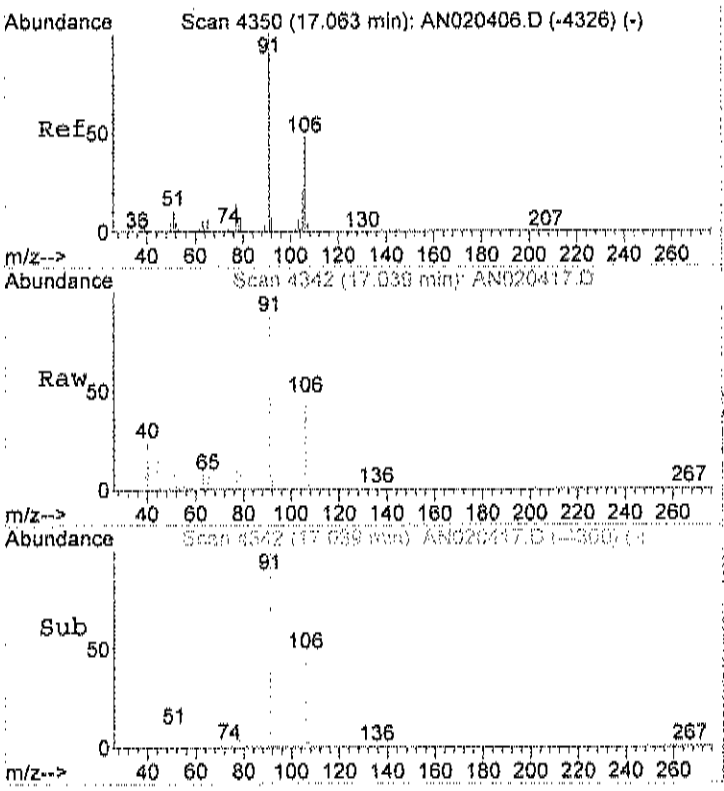


#59
Ethylbenzene
Concen: 0.18 ppb
RT: 16.87 min Scan# 4286
Delta R.T. -0.00 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion: 91 Resp: 20118

Ion	Ratio	Lower	Upper
91	100		
106	29.4	9.9	49.9

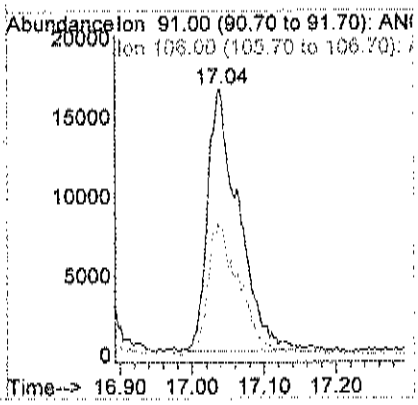


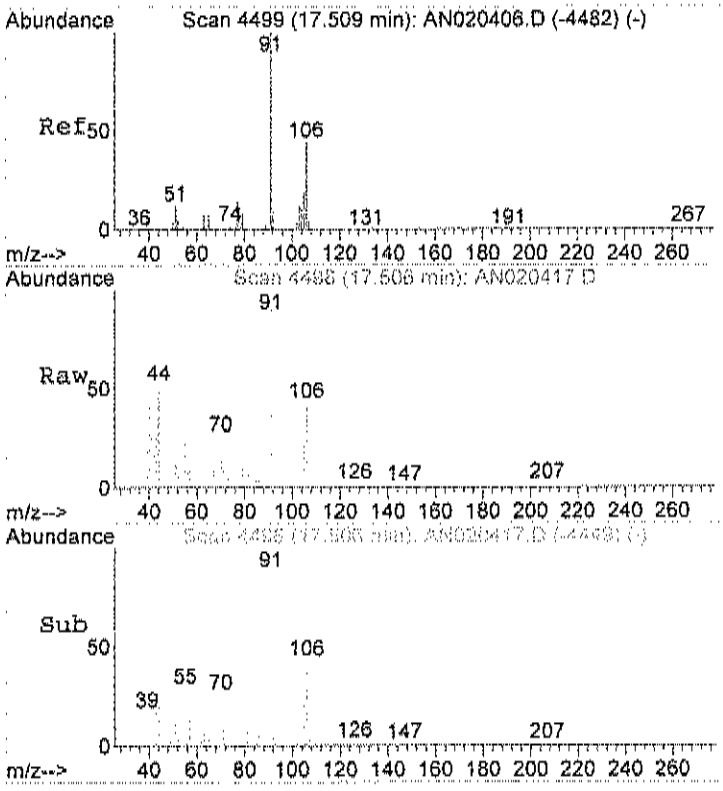


#60
m&p-xylene
Concen: 0.59 ppb
RT: 17.04 min Scan# 4342
Delta R.T. -0.02 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion: 91 Resp: 49614

Ion	Ratio	Lower	Upper
91	100		
106	51.4	25.3	65.3

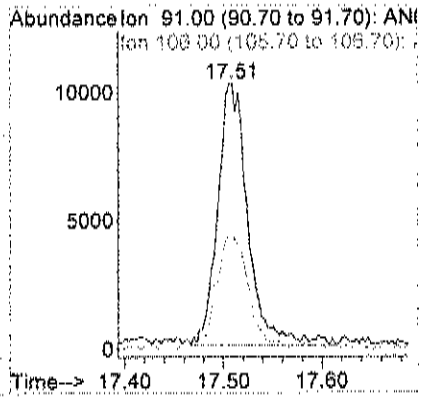


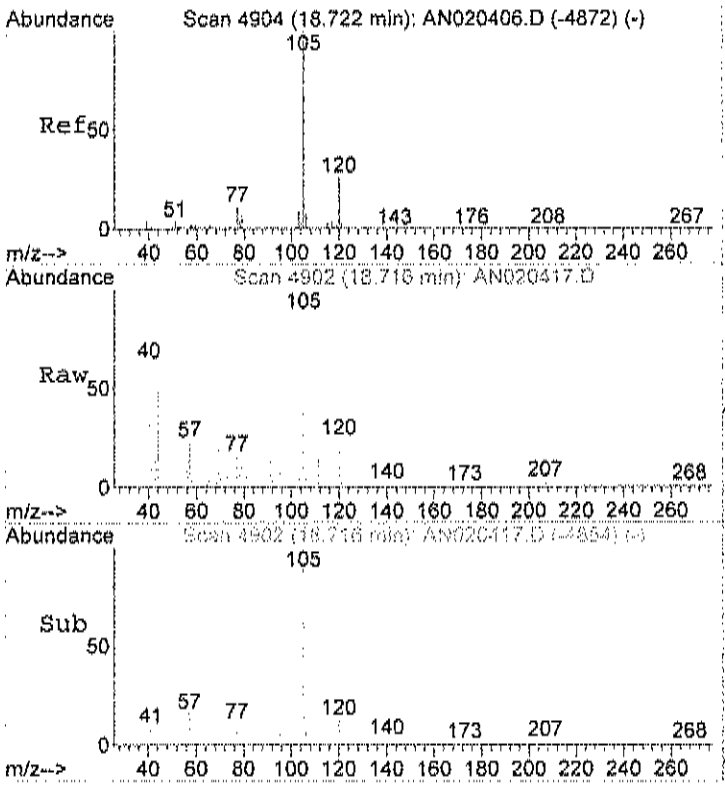


#64
o-xylene
Concen: 0.23 ppb
RT: 17.51 min Scan# 4498
Delta R.T. -0.00 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion: 91 Resp: 21836

Ion	Ratio	Lower	Upper
91	100		
106	46.5	18.4	58.4

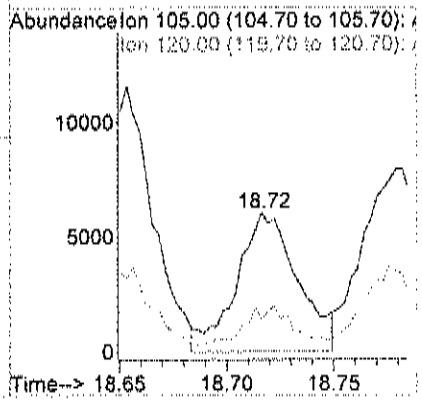


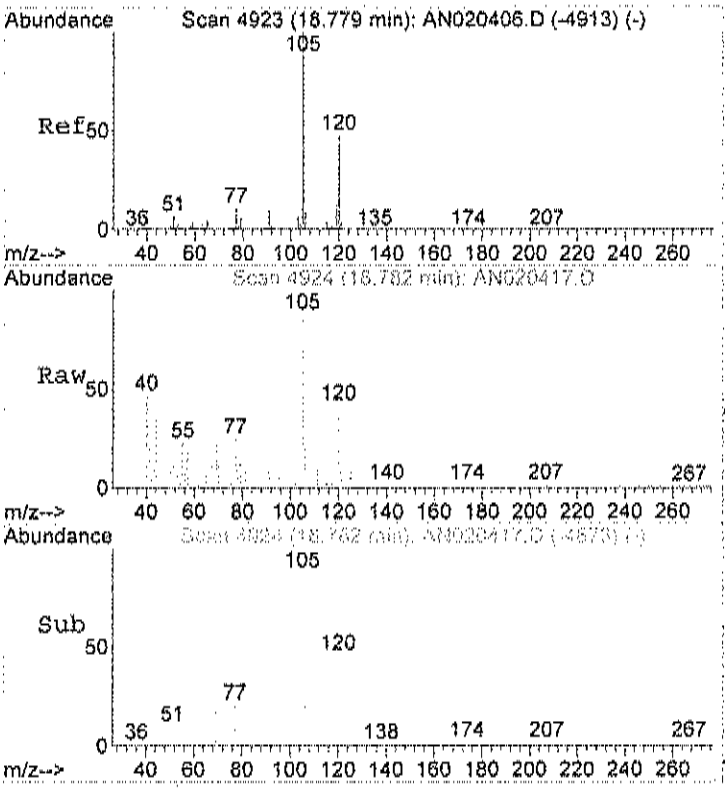


#70
4-ethyltoluene
Concen: 0.11 ppb m
RT: 18.72 min Scan# 4902
Delta R.T. -0.01 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion:105 Resp: 11953

Ion	Ratio	Lower	Upper
105	100		
120	0.0	0.0	20.0

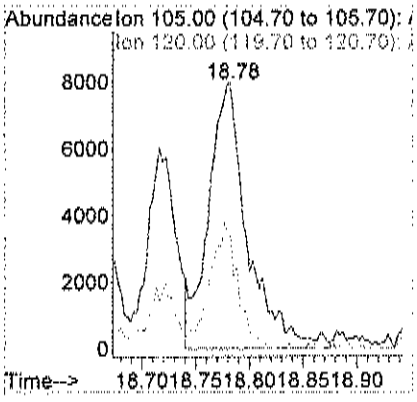


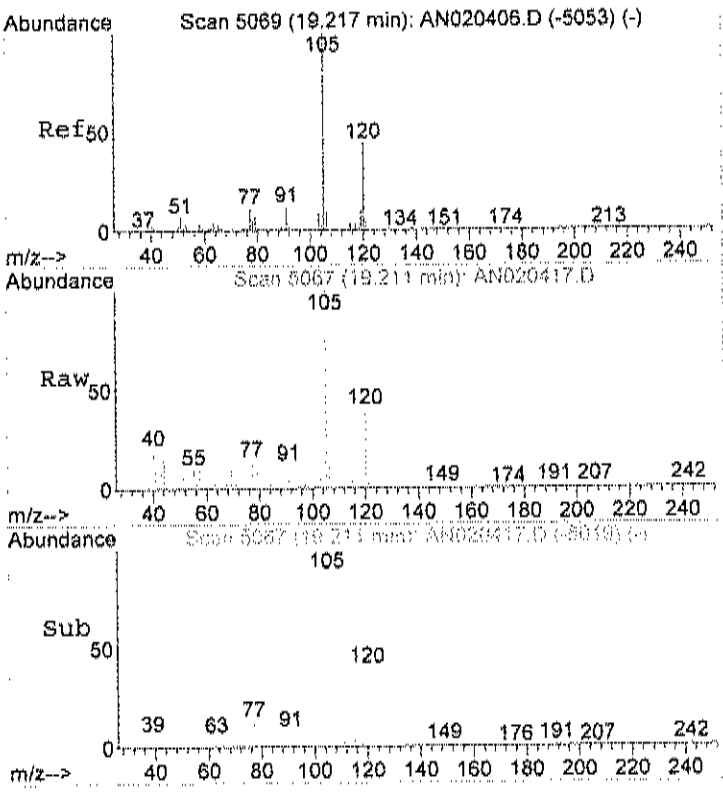


#71
1,3,5-trimethylbenzene
Concen: 0.19 ppb m
RT: 18.78 min Scan# 4924
Delta R.T. 0.00 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion:105 Resp: 20156

Ion	Ratio	Lower	Upper
105	100		
120	0.0	0.0	20.0

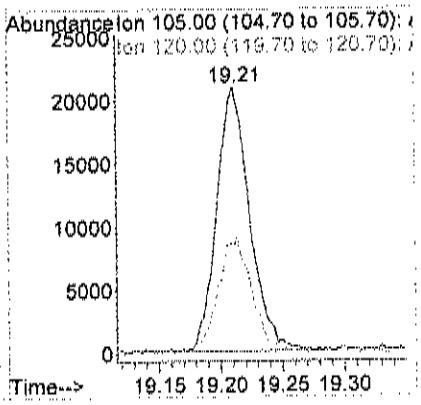




#72
1,2,4-trimethylbenzene
Concen: 0.42 ppb
RT: 19.21 min Scan# 5067
Delta R.T. -0.01 min
Lab File: AN020417.D
Acq: 4 Feb 2016 7:20 pm

Tgt Ion:105 Resp: 38615

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.1	62.1



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020507.D Vial: 7
Acq On : 5 Feb 2016 1:10 pm Operator: RJP
Sample : C1602007-004A 5X Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 06 09:37:29 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.84	128	22005	1.00	ppb	0.02
35) 1,4-difluorobenzene	12.09	114	97670	1.00	ppb	0.00
50) Chlorobenzene-d5	16.59	117	83501	1.00	ppb	0.00
System Monitoring Compounds						
66) Bromofluorobenzene	18.16	95	46375	0.82	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 82.00%			
Target Compounds						Qvalue
15) Acetone	6.10	58	6109	0.66	ppb	# 40
51) Toluene	14.71	92	53303	0.95	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

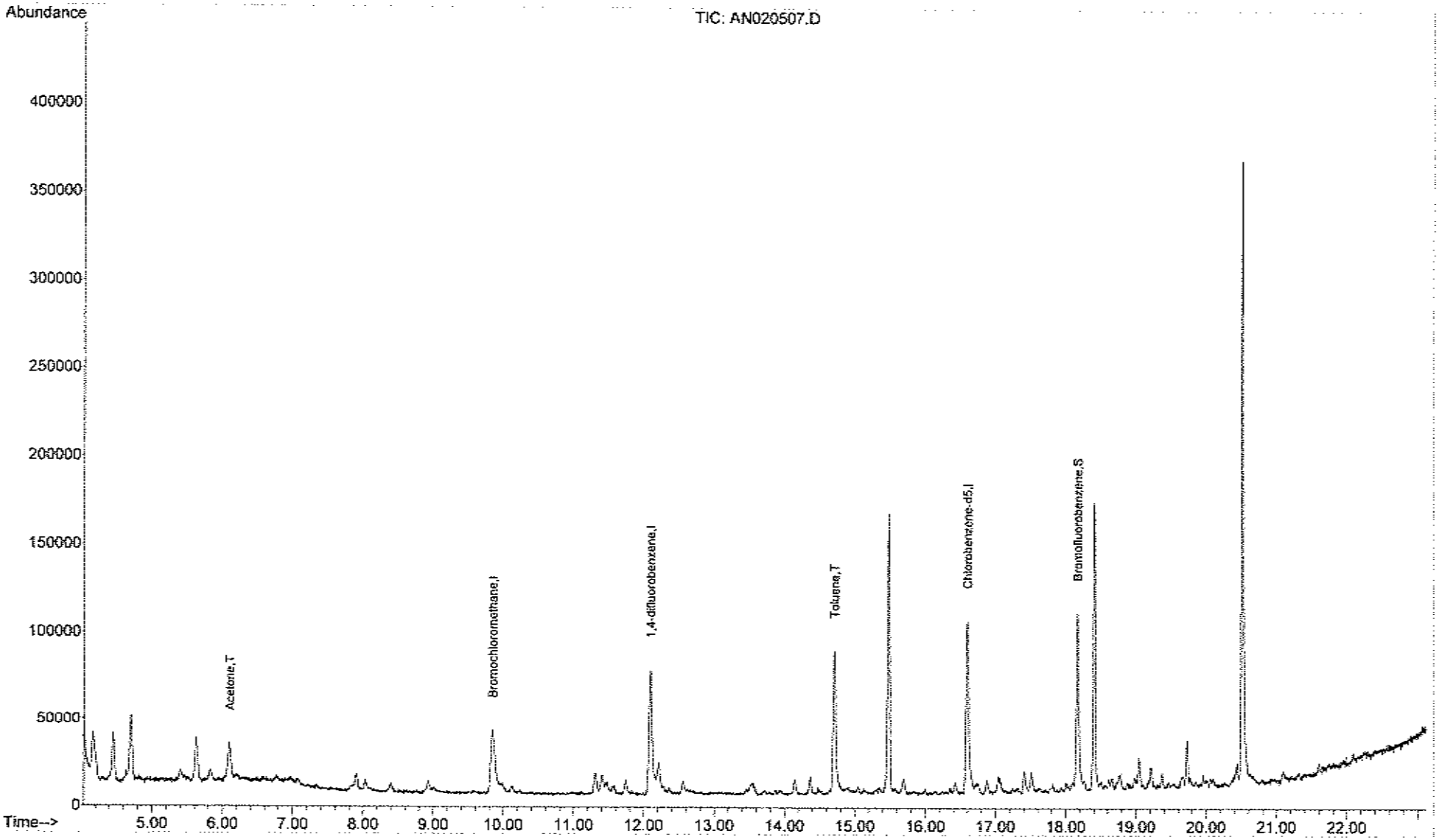
Quantitation Report (QT Reviewed)

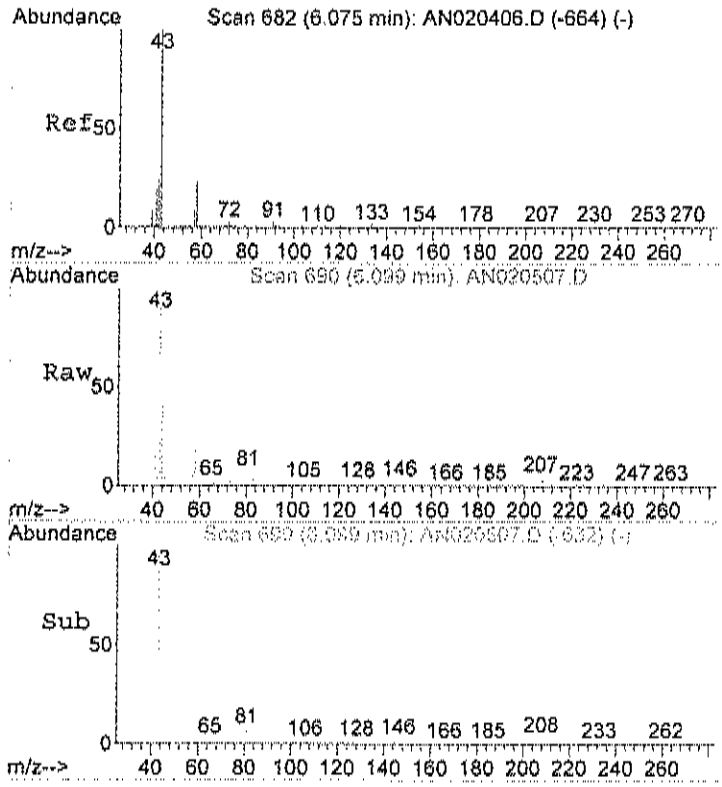
Data File : C:\HPCHEM\1\DATA\AN020507.D
Acq On : 5 Feb 2016 1:10 pm
Sample : C1602007-004A 5X
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 8 10:13 2016

Vial: 7
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration

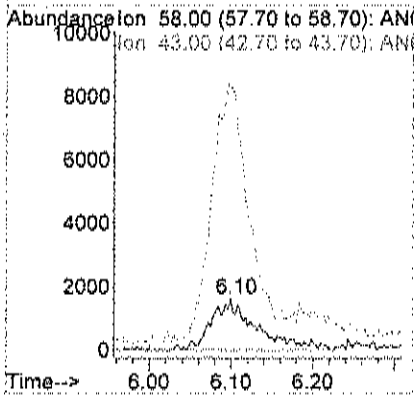


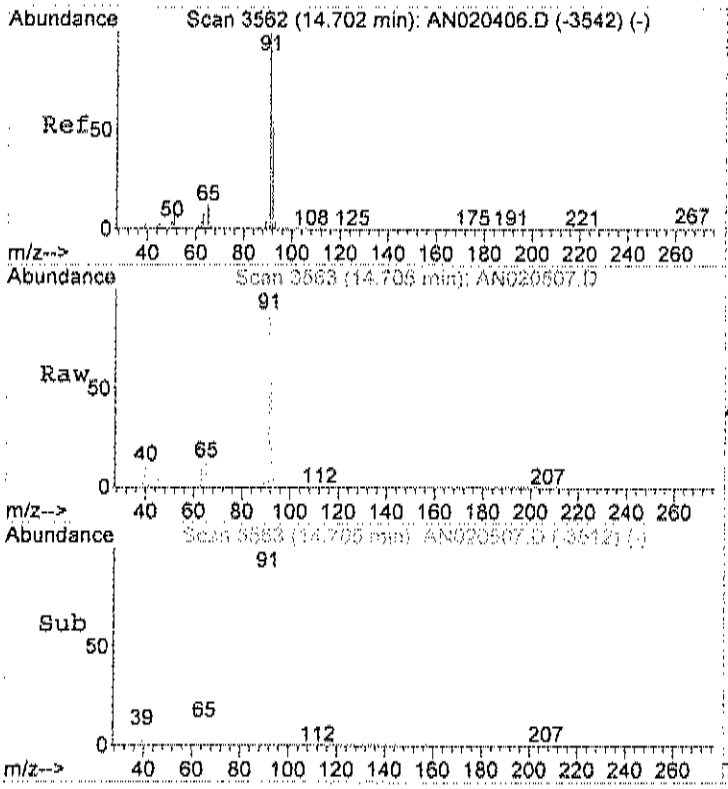


#15
Acetone
Concen: 0.66 ppb
RT: 6.10 min Scan# 690
Delta R.T. 0.02 min
Lab File: AN020507.D
Acq: 5 Feb 2016 1:10 pm

Tgt Ion: 58 Resp: 6109

Ion	Ratio	Lower	Upper
58	100		
43	485.3	661.8	721.8#

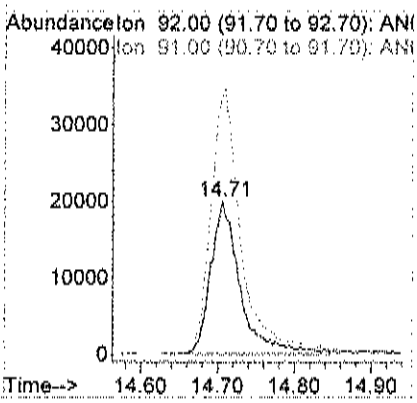




#51
Toluene
Concen: 0.95 ppb
RT: 14.71 min Scan# 3563
Delta R.T. 0.00 min
Lab File: AN020507.D
Acq: 5 Feb 2016 1:10 pm

Tgt Ion: 92 Resp: 53303

Ion	Ratio	Lower	Upper
92	100		
91	177.9	152.5	192.5



Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-3
Lab Order:	C1602007	**Tag Number:**	202.379
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		2/3/2016
Lab Vacuum Out	-30			"Hg		2/3/2016
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,2,4-Trimethylbenzene	0.16	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/4/2016 7:58:00 PM
2,2,4-trimethylpentane	0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Acetone	4.2	1.5		ppbV	5	2/5/2016 1:47:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Benzene	0.34	0.15		ppbV	1	2/4/2016 7:58:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Bromoform	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Carbon tetrachloride	0.090	0.040		ppbV	1	2/4/2016 7:58:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Chloroform	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Chloromethane	0.51	0.15		ppbV	1	2/4/2016 7:58:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Cyclohexane	0.31	0.15		ppbV	1	2/4/2016 7:58:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Ethyl acetate	< 0.25	0.25		ppbV	1	2/4/2016 7:58:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-3
Lab Order:	C1602007	**Tag Number:**	202.379
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethylbenzene	0.13	0.15	J	ppbV	1	2/4/2016 7:58:00 PM
Freon 11	0.35	0.15		ppbV	1	2/4/2016 7:58:00 PM
Freon 113	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Freon 114	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Freon 12	0.60	0.15		ppbV	1	2/4/2016 7:58:00 PM
Heptane	0.47	0.15		ppbV	1	2/4/2016 7:58:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Hexane	0.44	0.15		ppbV	1	2/4/2016 7:58:00 PM
Isopropyl alcohol	1.8	0.15		ppbV	1	2/4/2016 7:58:00 PM
m&p-Xylene	0.43	0.30		ppbV	1	2/4/2016 7:58:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/4/2016 7:58:00 PM
Methyl Ethyl Ketone	0.55	0.30		ppbV	1	2/4/2016 7:58:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	2/4/2016 7:58:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Methylene chloride	0.38	0.15		ppbV	1	2/4/2016 7:58:00 PM
o-Xylene	0.17	0.15		ppbV	1	2/4/2016 7:58:00 PM
Propylene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Styrene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Tetrachloroethylene	0.11	0.15	J	ppbV	1	2/4/2016 7:58:00 PM
Tetrahydrofuran	0.28	0.15		ppbV	1	2/4/2016 7:58:00 PM
Toluene	4.2	0.75		ppbV	5	2/5/2016 1:47:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Trichloroethene	< 0.040	0.040		ppbV	1	2/4/2016 7:58:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/4/2016 7:58:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	2/4/2016 7:58:00 PM
Surr: Bromofluorobenzene	101	70-130		%REC	1	2/4/2016 7:58:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-3
Lab Order:	C1602007	**Tag Number:**	202.379
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/4/2016 7:58:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/4/2016 7:58:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/4/2016 7:58:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/4/2016 7:58:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 7:58:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/4/2016 7:58:00 PM
1,2,4-Trimethylbenzene	0.79	0.74		ug/m3	1	2/4/2016 7:58:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/4/2016 7:58:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 7:58:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/4/2016 7:58:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/4/2016 7:58:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	2/4/2016 7:58:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/4/2016 7:58:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 7:58:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 7:58:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/4/2016 7:58:00 PM
2,2,4-trimethylpentane	0.70	0.70		ug/m3	1	2/4/2016 7:58:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	2/4/2016 7:58:00 PM
Acetone	9.9	3.6		ug/m3	5	2/5/2016 1:47:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/4/2016 7:58:00 PM
Benzene	1.1	0.48		ug/m3	1	2/4/2016 7:58:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/4/2016 7:58:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/4/2016 7:58:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/4/2016 7:58:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	2/4/2016 7:58:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/4/2016 7:58:00 PM
Carbon tetrachloride	0.57	0.25		ug/m3	1	2/4/2016 7:58:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/4/2016 7:58:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/4/2016 7:58:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	2/4/2016 7:58:00 PM
Chloromethane	1.1	0.31		ug/m3	1	2/4/2016 7:58:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 7:58:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/4/2016 7:58:00 PM
Cyclohexane	1.1	0.52		ug/m3	1	2/4/2016 7:58:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/4/2016 7:58:00 PM
Ethyl acetate	< 0.90	0.90		ug/m3	1	2/4/2016 7:58:00 PM
Ethylbenzene	0.56	0.65	J	ug/m3	1	2/4/2016 7:58:00 PM
Freon 11	2.0	0.84		ug/m3	1	2/4/2016 7:58:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/4/2016 7:58:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/4/2016 7:58:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	IA-3
Lab Order:	C1602007	**Tag Number:**	202.379
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
Freon 12	3.0	0.74		ug/m3	1	2/4/2016 7:58:00 PM
Heptane	1.9	0.61		ug/m3	1	2/4/2016 7:58:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/4/2016 7:58:00 PM
Hexane	1.6	0.53		ug/m3	1	2/4/2016 7:58:00 PM
Isopropyl alcohol	4.5	0.37		ug/m3	1	2/4/2016 7:58:00 PM
m&p-Xylene	1.9	1.3		ug/m3	1	2/4/2016 7:58:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/4/2016 7:58:00 PM
Methyl Ethyl Ketone	1.6	0.88		ug/m3	1	2/4/2016 7:58:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	2/4/2016 7:58:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/4/2016 7:58:00 PM
Methylene chloride	1.3	0.52		ug/m3	1	2/4/2016 7:58:00 PM
o-Xylene	0.74	0.65		ug/m3	1	2/4/2016 7:58:00 PM
Propylene	< 0.26	0.26		ug/m3	1	2/4/2016 7:58:00 PM
Styrene	< 0.64	0.64		ug/m3	1	2/4/2016 7:58:00 PM
Tetrachloroethylene	0.75	1.0	J	ug/m3	1	2/4/2016 7:58:00 PM
Tetrahydrofuran	0.83	0.44		ug/m3	1	2/4/2016 7:58:00 PM
Toluene	16	2.8		ug/m3	5	2/5/2016 1:47:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 7:58:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/4/2016 7:58:00 PM
Trichloroethene	< 0.21	0.21		ug/m3	1	2/4/2016 7:58:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/4/2016 7:58:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/4/2016 7:58:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	2/4/2016 7:58:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020418.D
Acq On : 4 Feb 2016 7:58 pm
Sample : C1602007-005A
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 05 08:56:42 2016

Vial: 16
Operator: RJP
Inst : MSD #1
Multiplr: 1.00
Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.82	128	24703	1.00	ppb		0.00
35) 1,4-difluorobenzene	12.08	114	106708	1.00	ppb		0.00
50) Chlorobenzene-d5	16.59	117	78262	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.16	95	53617	1.01	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 101.00%				
Target Compounds							Qvalue
3) Freon 12	4.21	85	64149	0.60	ppb		100
4) Chloromethane	4.41	50	16605	0.51	ppb		83
14) Freon 11	5.83	101	37871	0.35	ppb		98
15) Acetone	6.04	58	35237	3.37	ppb	#	43
17) Isopropyl alcohol	6.17	45	55204	1.83	ppb	#	46
21) Methylene chloride	7.07	84	12372	0.38	ppb	#	83
28) Methyl Ethyl Ketone	8.98	72	8790m	0.55	ppb		
30) Hexane	8.93	57	23742	0.44	ppb		91
33) Tetrahydrofuran	10.20	42	10299	0.28	ppb	#	66
37) Cyclohexane	11.46	56	15789m	0.31	ppb		
38) Carbon tetrachloride	11.41	117	6531	0.09	ppb		92
39) Benzene	11.40	78	32121	0.34	ppb		98
42) 2,2,4-trimethylpentane	12.21	57	25454m	0.15	ppb		
43) Heptane	12.55	43	24948	0.47	ppb		86
51) Toluene	14.70	92	235895	4.50	ppb		96
56) Tetrachloroethylene	15.68	164	4176	0.11	ppb		95
59) Ethylbenzene	16.87	91	14528	0.13	ppb		96
60) m&p-xylene	17.04	91	37866	0.43	ppb		94
64) o-xylene	17.51	91	17615	0.17	ppb		96
72) 1,2,4-trimethylbenzene	19.21	105	15315	0.16	ppb		86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

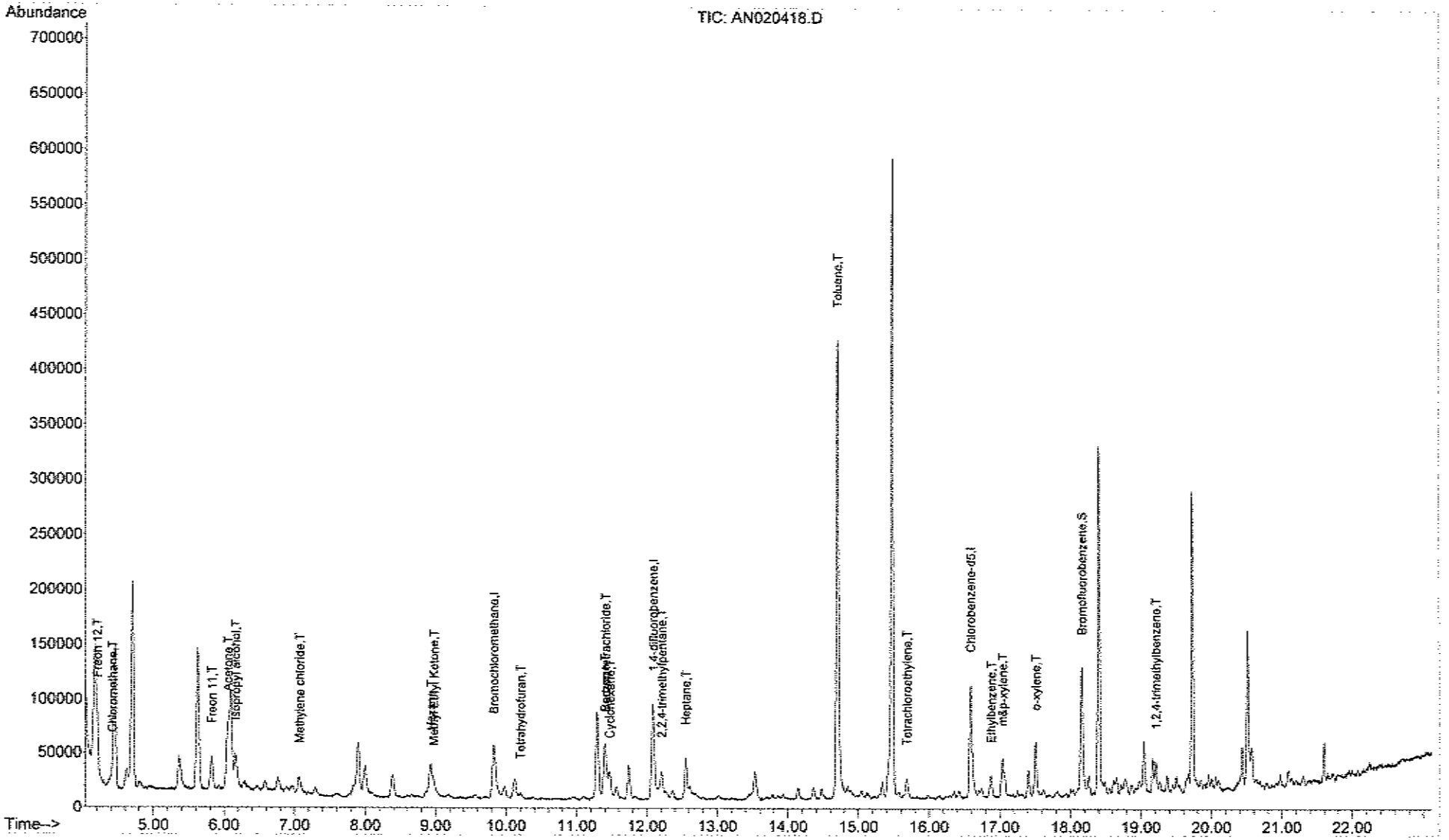
Quantitation Report (QT Reviewed)

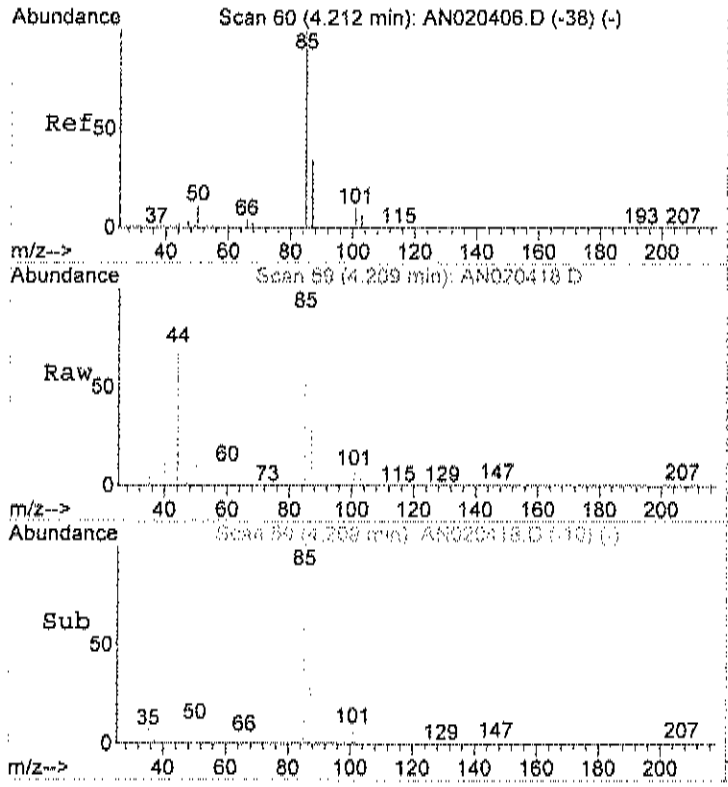
Data File : C:\HPCHEM\1\DATA\AN020418.D
Acq On : 4 Feb 2016 7:58 pm
Sample : C1602007-005A
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 8 8:39 2016

Vial: 16
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration

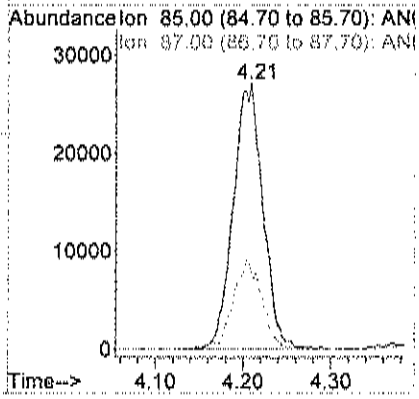


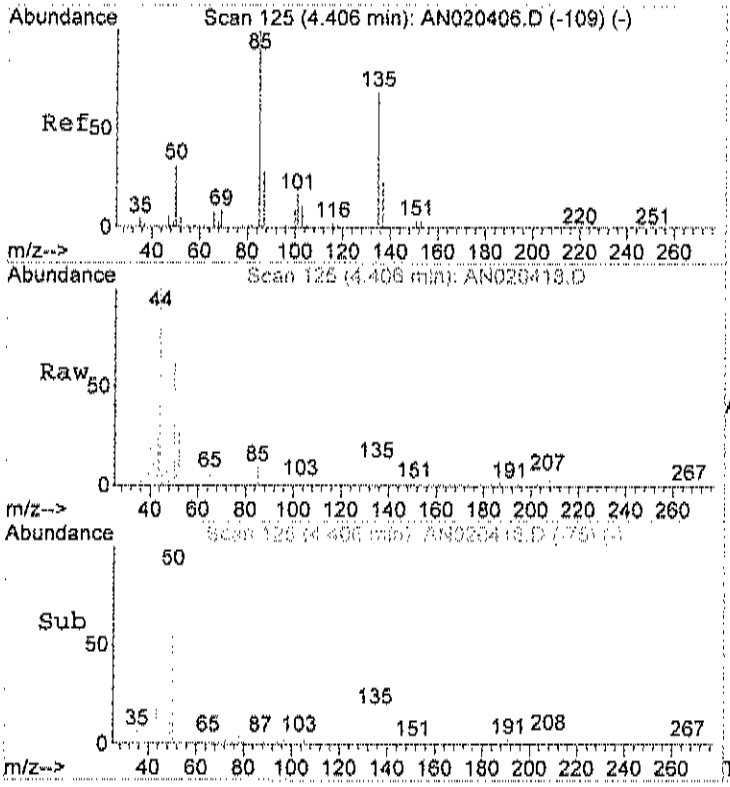


#3
Freon 12
Concen: 0.60 ppb
RT: 4.21 min Scan# 59
Delta R.T. -0.00 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion: 85 Resp: 64149

Ion	Ratio	Lower	Upper
85	100		
87	32.5	12.5	52.5

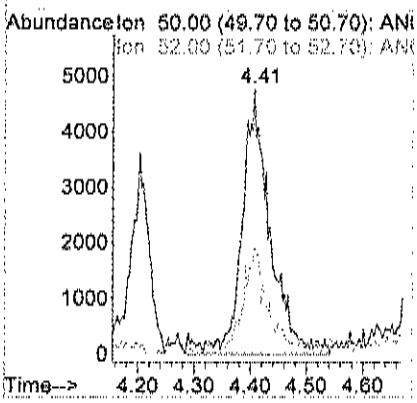


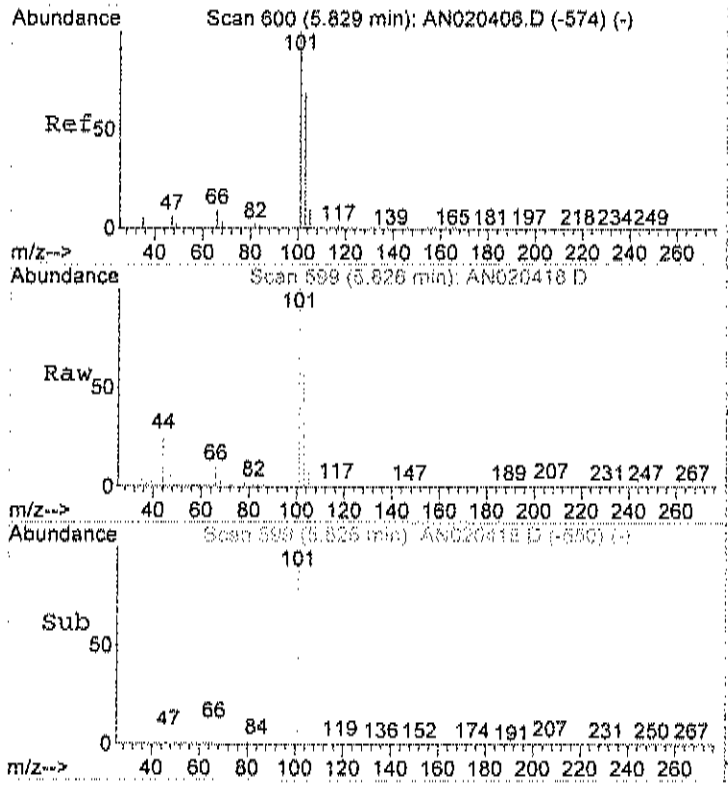


#4
Chloromethane
Concen: 0.51 ppb
RT: 4.41 min Scan# 125
Delta R.T. 0.00 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion: 50 Resp: 16605

Ion	Ratio	Lower	Upper
50	100		
52	38.1	9.2	49.2

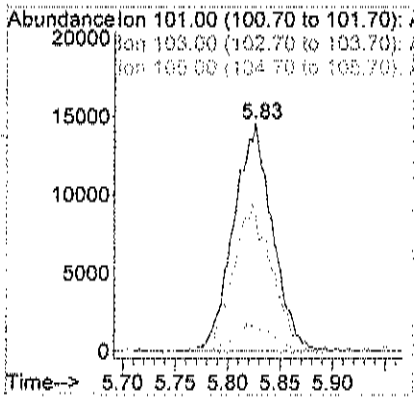


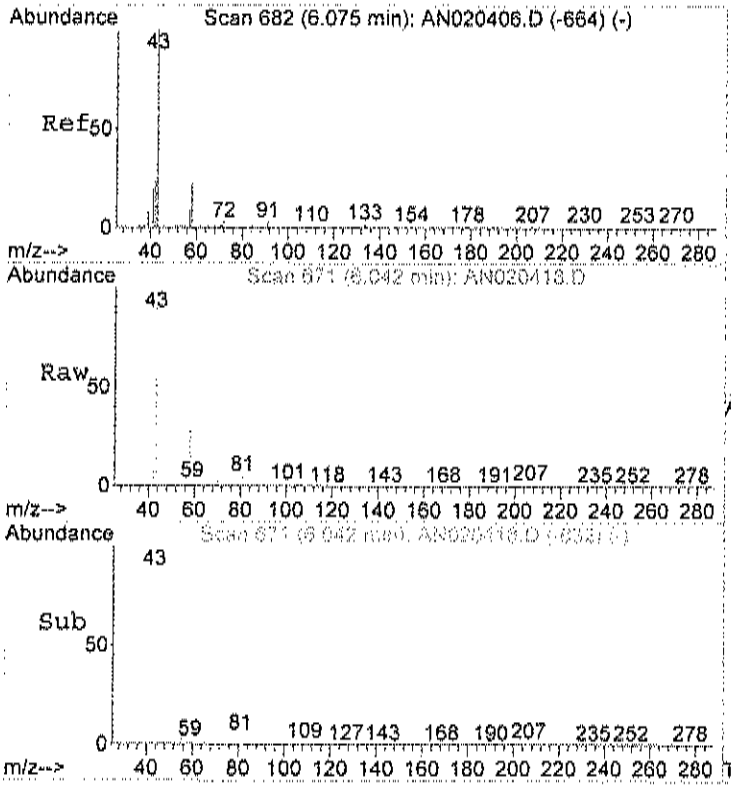


#14
Freon 11
Concen: 0.35 ppb
RT: 5.83 min Scan# 599
Delta R.T. -0.00 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion:101 Resp: 37871

Ion	Ratio	Lower	Upper
101	100		
103	64.0	44.6	84.6
105	15.4	0.0	31.6

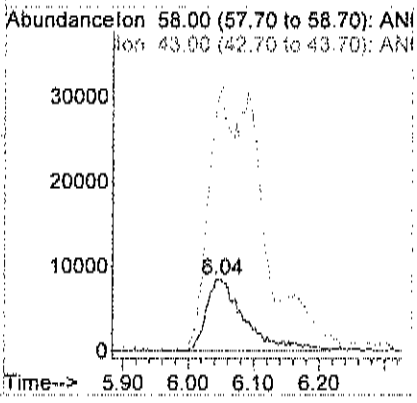


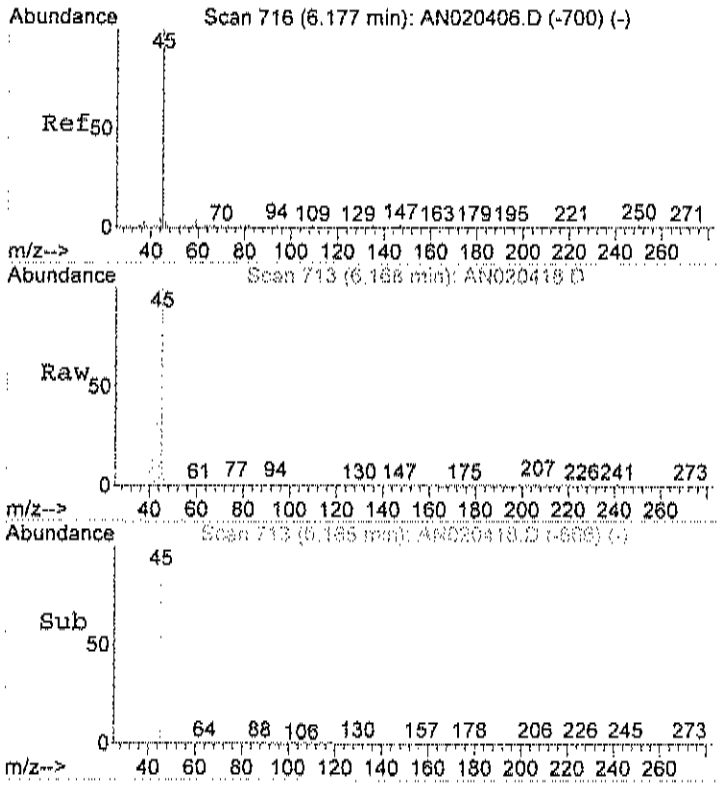


#15
Acetone
Concen: 3.37 ppb
RT: 6.04 min Scan# 671
Delta R.T. -0.03 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion: 58 Resp: 35237

Ion	Ratio	Lower	Upper
58	100		
43	495.7	661.8	721.8#

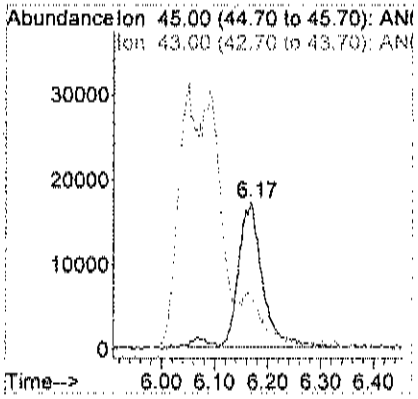


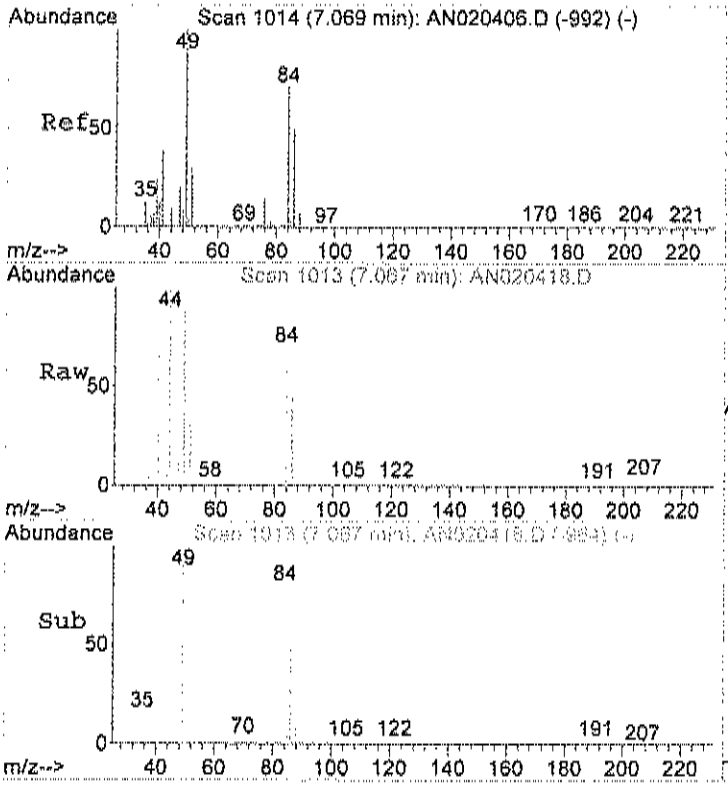


#17
Isopropyl alcohol
Concen: 1.83 ppb
RT: 6.17 min Scan# 713
Delta R.T. -0.01 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion: 45 Resp: 55204

Ion	Ratio	Lower	Upper
45	100		
43	0.0	8.9	48.9#

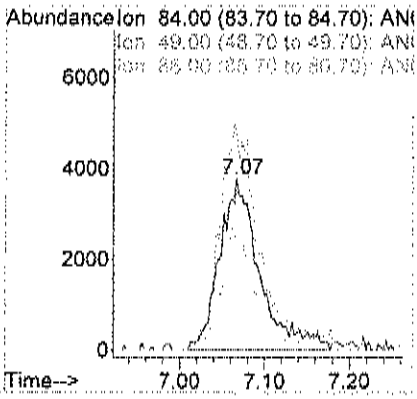


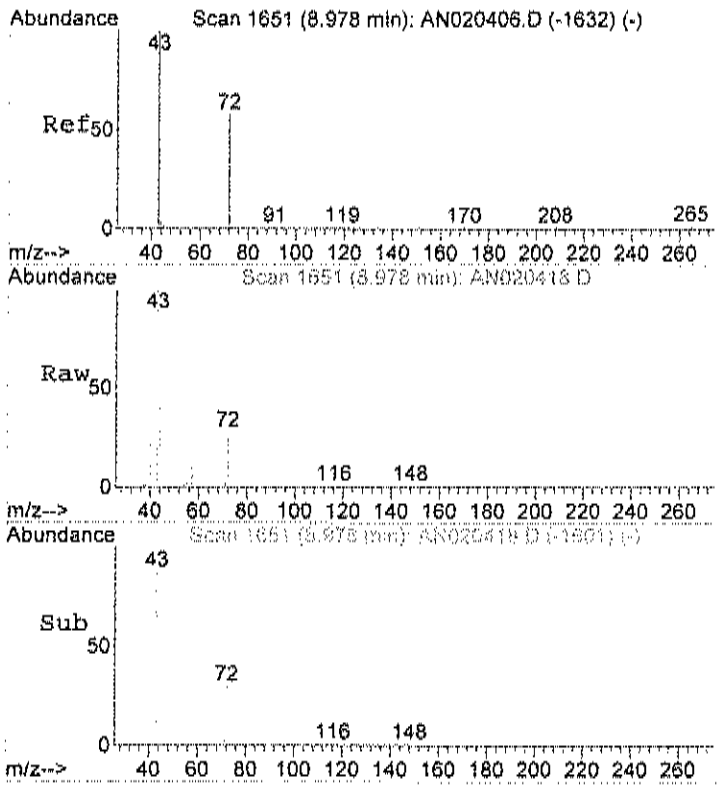


#21
Methylene chloride
Concen: 0.38 ppb
RT: 7.07 min Scan# 1013
Delta R.T. -0.00 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion: 84 Resp: 12372

Ion	Ratio	Lower	Upper
84	100		
49	134.2	87.8	127.8#
86	64.7	43.1	83.1

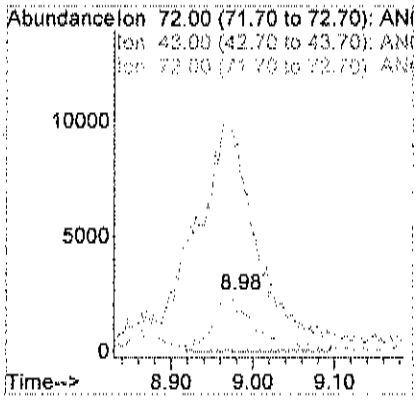


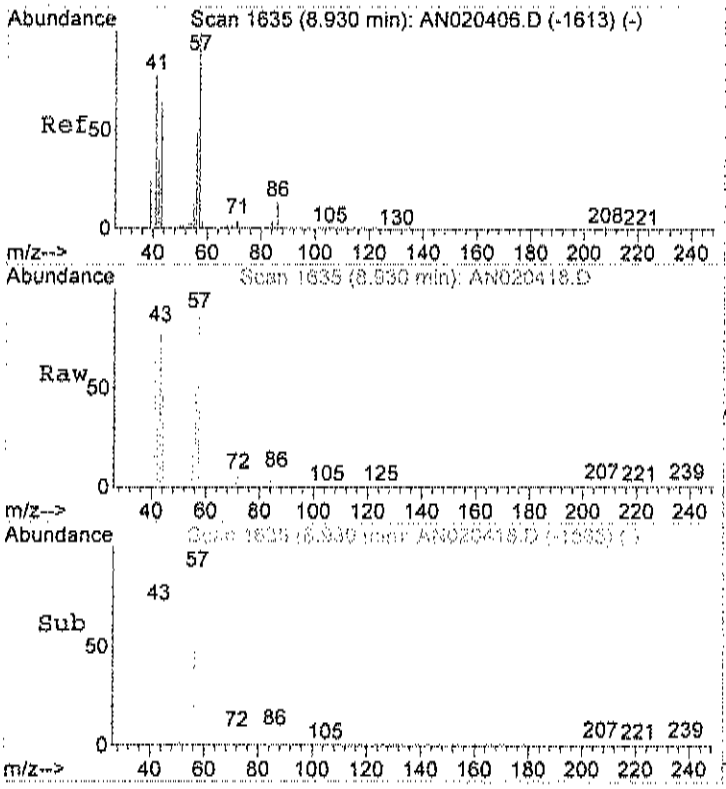


#28
Methyl Ethyl Ketone
Concen: 0.55 ppb m
RT: 8.98 min Scan# 1651
Delta R.T. 0.00 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion: 72 Resp: 8790

Ion	Ratio	Lower	Upper
72	100		
43	0.0	0.0	20.0
72	89.7	80.0	120.0

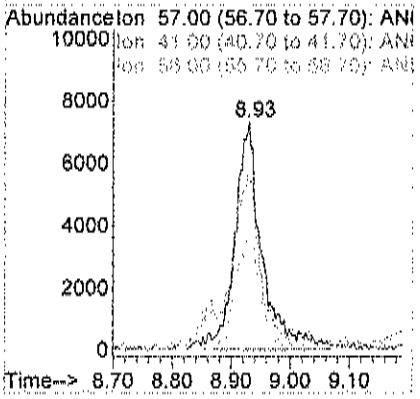


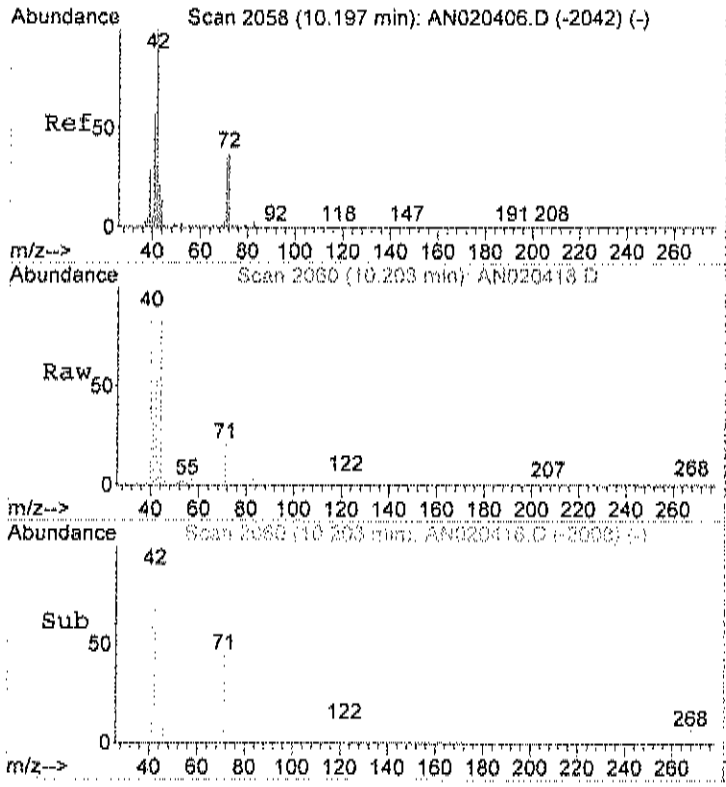


#30
Hexane
Concen: 0.44 ppb
RT: 8.93 min Scan# 1635
Delta R.T. 0.00 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion: 57 Resp: 23742

Ion	Ratio	Lower	Upper
57	100		
41	95.9	66.6	106.6
56	46.3	30.6	70.6

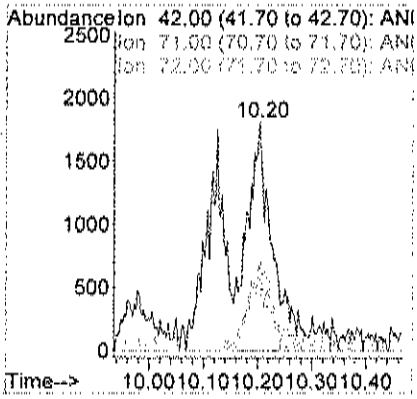


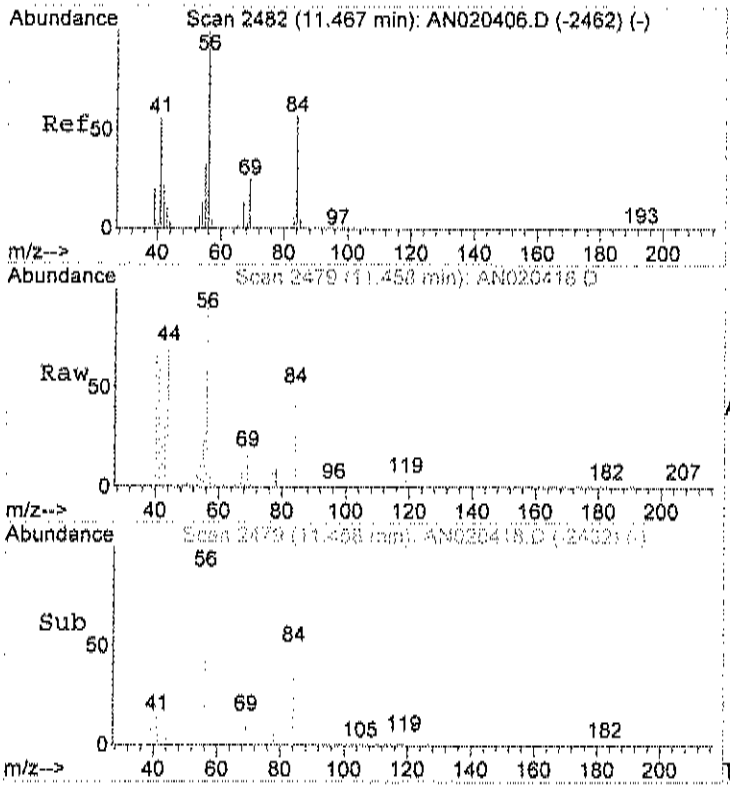


#33
Tetrahydrofuran
Concen: 0.28 ppb
RT: 10.20 min Scan# 2060
Delta R.T. 0.01 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion: 42 Resp: 10299

Ion	Ratio	Lower	Upper
42	100		
71	16.7	20.0	60.0#
72	20.4	19.1	59.1

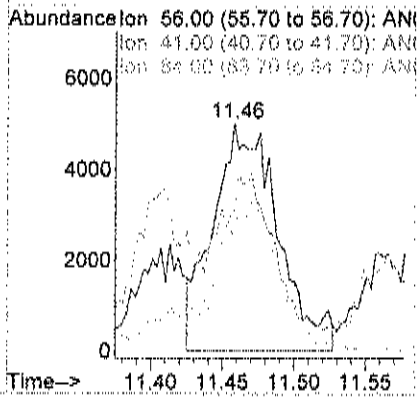


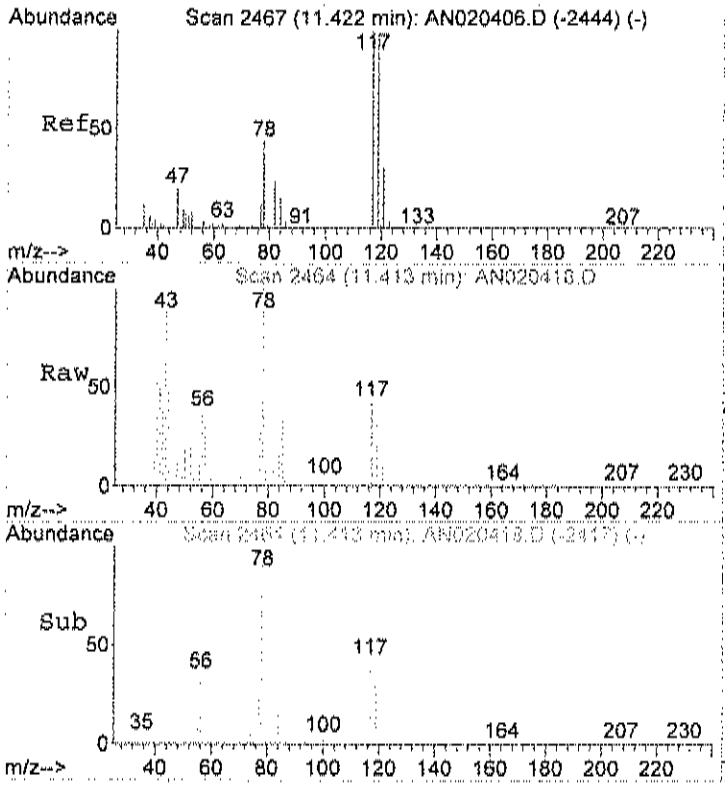


#37
Cyclohexane
Concen: 0.31 ppb m
RT: 11.46 min Scan# 2479
Delta R.T. -0.01 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion: 56 Resp: 15789

Ion	Ratio	Lower	Upper
56	100		
41	117.4	47.3	87.3#
84	70.4	88.1	128.1#

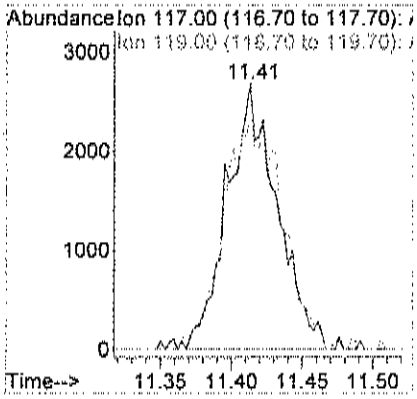


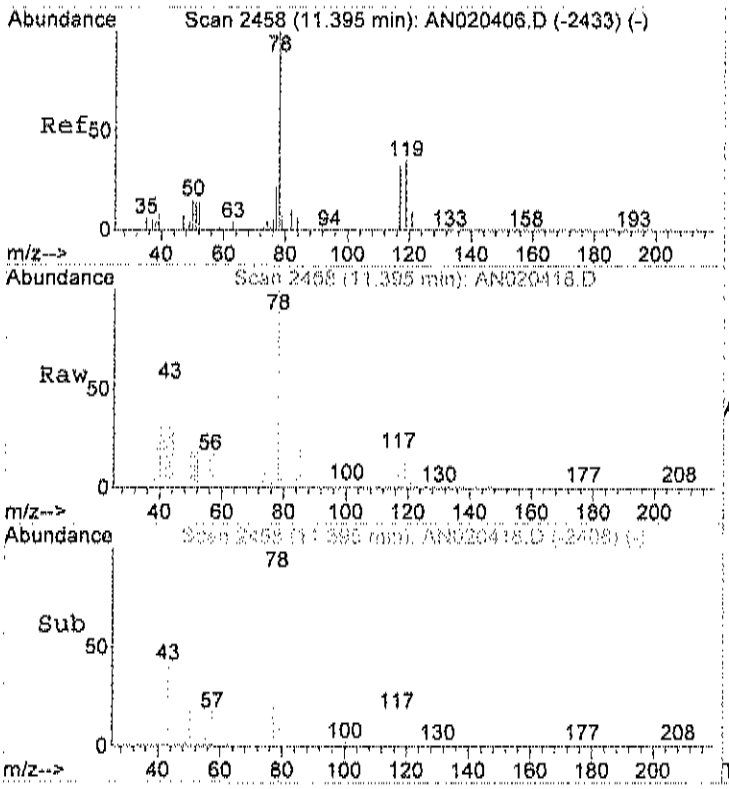


#38
Carbon tetrachloride
Concen: 0.09 ppb
RT: 11.41 min Scan# 2464
Delta R.T. -0.01 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion:117 Resp: 6531

Ion	Ratio	Lower	Upper
117	100		
119	102.1	74.5	114.5

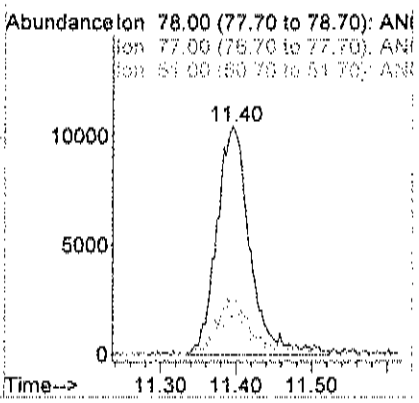


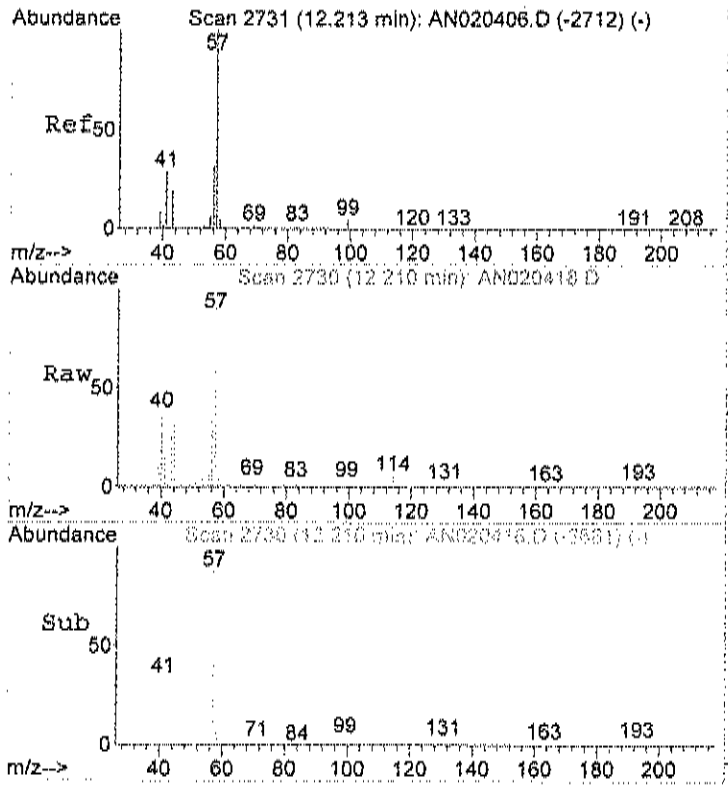


#39
Benzene
Concen: 0.34 ppb
RT: 11.40 min Scan# 2458
Delta R.T. 0.00 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion: 78 Resp: 32121

Ion	Ratio	Lower	Upper
78	100		
77	27.7	6.0	46.0
51	22.5	2.1	42.1

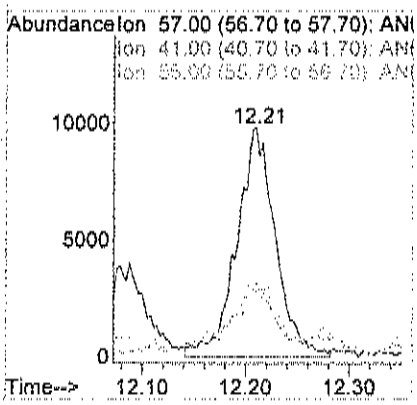


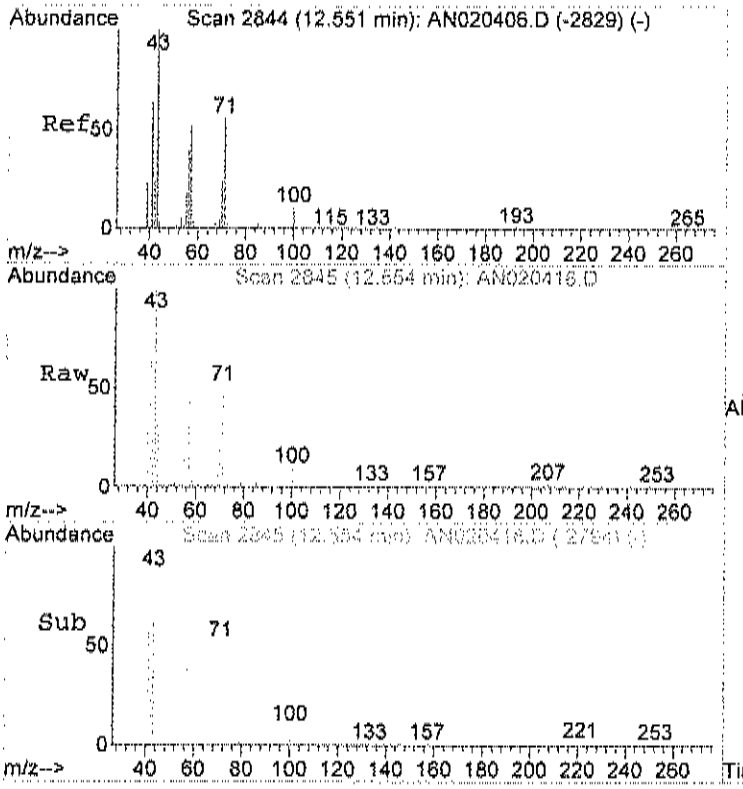


#42
2,2,4-trimethylpentane
Concen: 0.15 ppb m
RT: 12.21 min Scan# 2730
Delta R.T. -0.00 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion: 57 Resp: 25454

Ion	Ratio	Lower	Upper
57	100		
41	46.2	14.1	54.1
56	61.3	11.4	51.4#

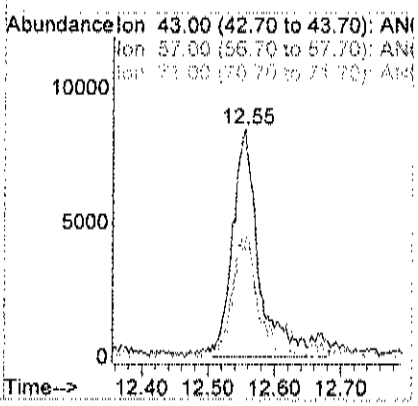


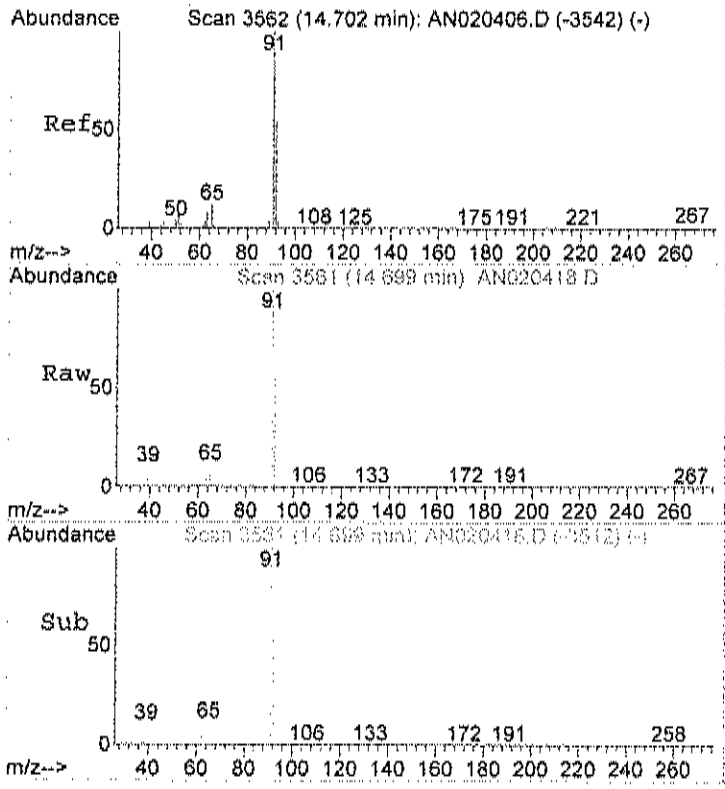


#43
Heptane
Concen: 0.47 ppb
RT: 12.55 min Scan# 2845
Delta R.T. 0.00 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion: 43 Resp: 24948

Ion	Ratio	Lower	Upper
43	100		
57	59.6	31.3	71.3
71	43.6	34.8	74.8

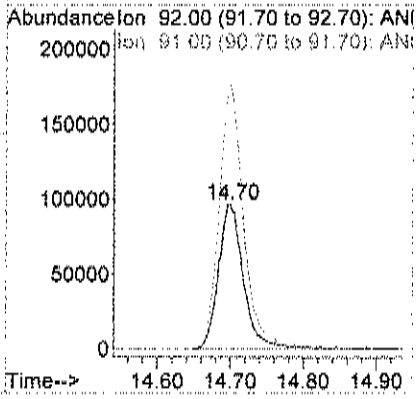


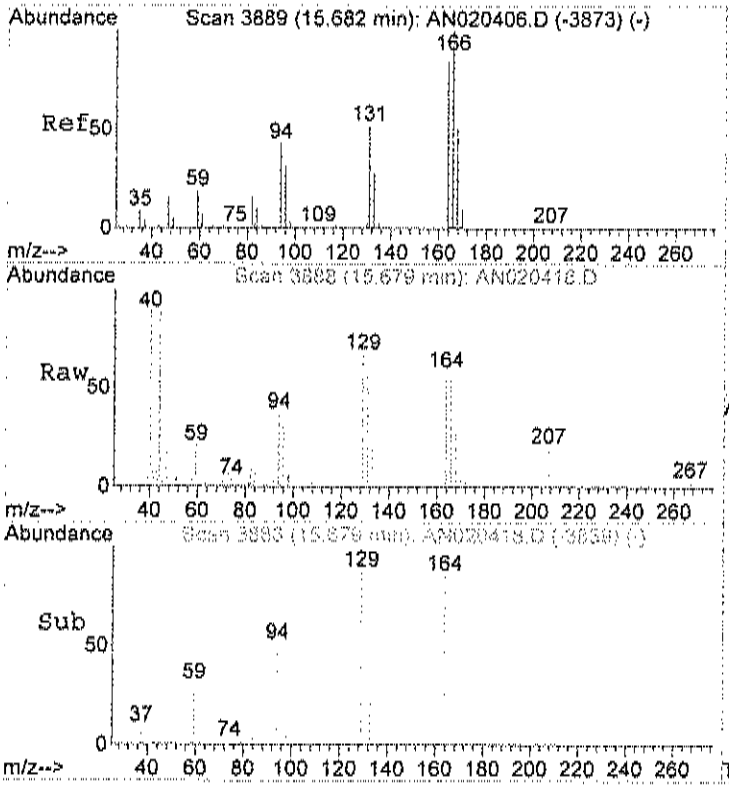


#51
Toluene
Concen: 4.50 ppb
RT: 14.70 min Scan# 3561
Delta R.T. -0.00 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion: 92 Resp: 235895

Ion	Ratio	Lower	Upper
92	100		
91	178.5	152.5	192.5

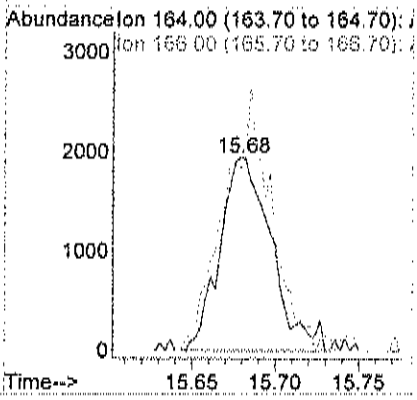


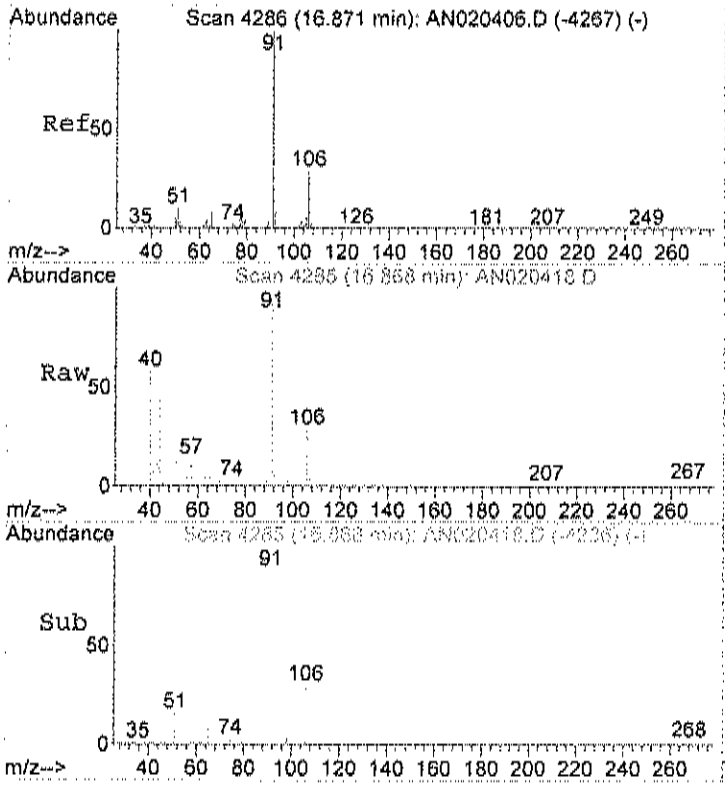


#56
Tetrachloroethylene
Concen: 0.11 ppb
RT: 15.68 min Scan# 3888
Delta R.T. -0.00 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion:164 Resp: 4176

Ion	Ratio	Lower	Upper
164	100		
166	122.8	108.6	148.6

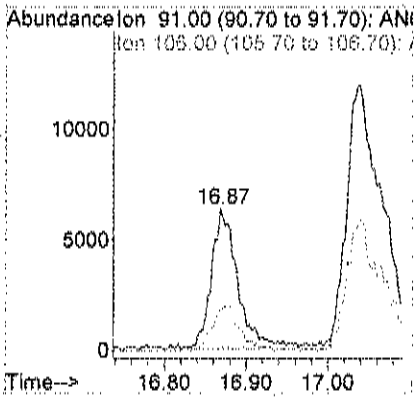


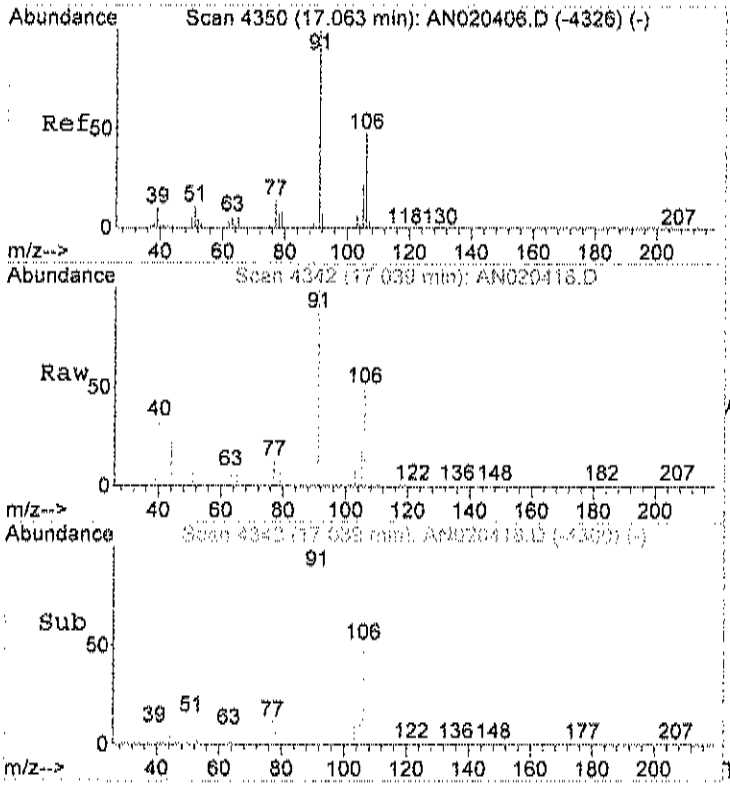


#59
Ethylbenzene
Concen: 0.13 ppb
RT: 16.87 min Scan# 4285
Delta R.T. -0.00 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion: 91 Resp: 14528

Ion	Ratio	Lower	Upper
91	100		
106	32.1	9.9	49.9

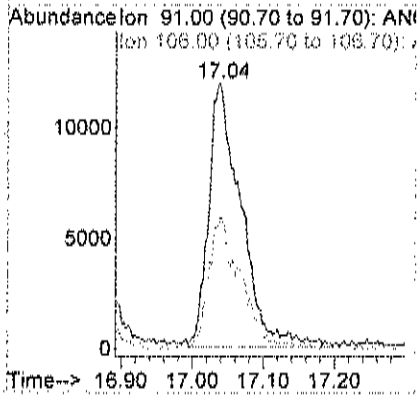


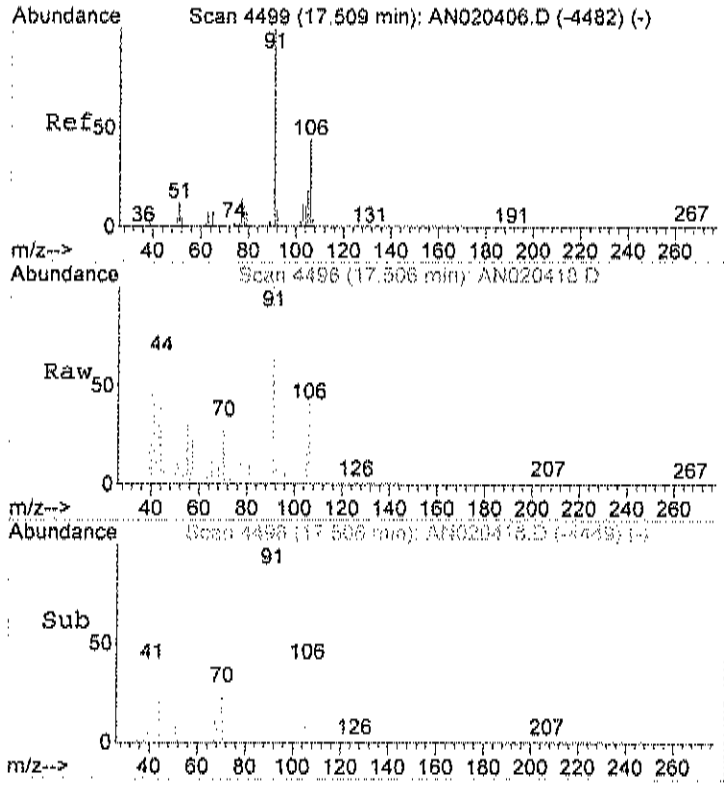


#60
m&p-xylene
Concen: 0.43 ppb
RT: 17.04 min Scan# 4342
Delta R.T. -0.02 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion: 91 Resp: 37866

Ion	Ratio	Lower	Upper
91	100		
106	49.4	25.3	65.3

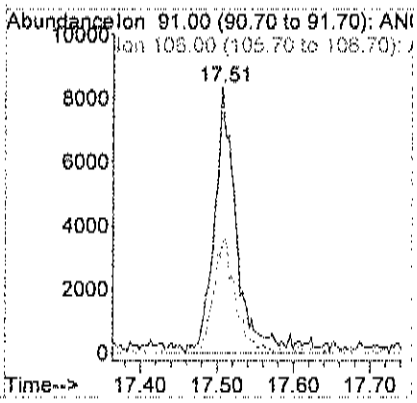


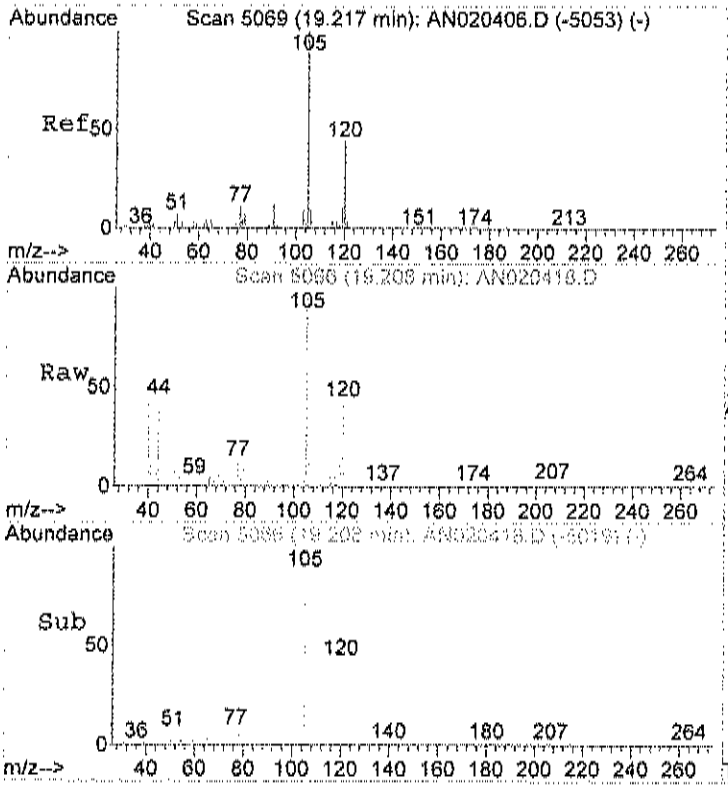


#64
o-xylene
Concen: 0.17 ppb
RT: 17.51 min Scan# 4498
Delta R.T. -0.00 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion: 91 Resp: 17615

Ion	Ratio	Lower	Upper
91	100		
106	40.7	18.4	58.4

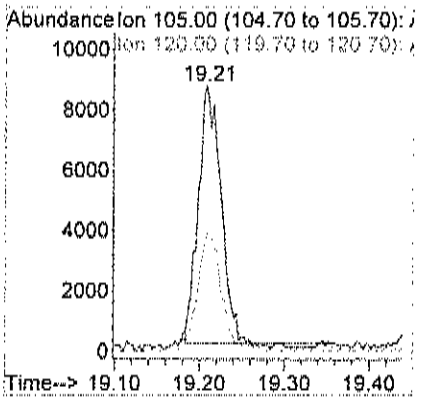




#72
1,2,4-trimethylbenzene
Concen: 0.16 ppb
RT: 19.21 min Scan# 5066
Delta R.T. -0.01 min
Lab File: AN020418.D
Acq: 4 Feb 2016 7:58 pm

Tgt Ion:105 Resp: 15315

Ion	Ratio	Lower	Upper
105	100		
120	51.0	22.1	62.1



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020508.D Vial: 8
Acq On : 5 Feb 2016 1:47 pm Operator: RJP
Sample : C1602007-005A 5X Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 06 09:37:38 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.83	128	23100	1.00	ppb	0.01
35) 1,4-difluorobenzene	12.09	114	100150	1.00	ppb	0.00
50) Chlorobenzene-d5	16.59	117	86417	1.00	ppb	0.00
System Monitoring Compounds						
66) Bromofluorobenzene	18.16	95	47475	0.81	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 81.00%			
Target Compounds						Qvalue
15) Acetone	6.08	58	8155	0.83	ppb	# 27
51) Toluene	14.70	92	48400	0.84	ppb	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

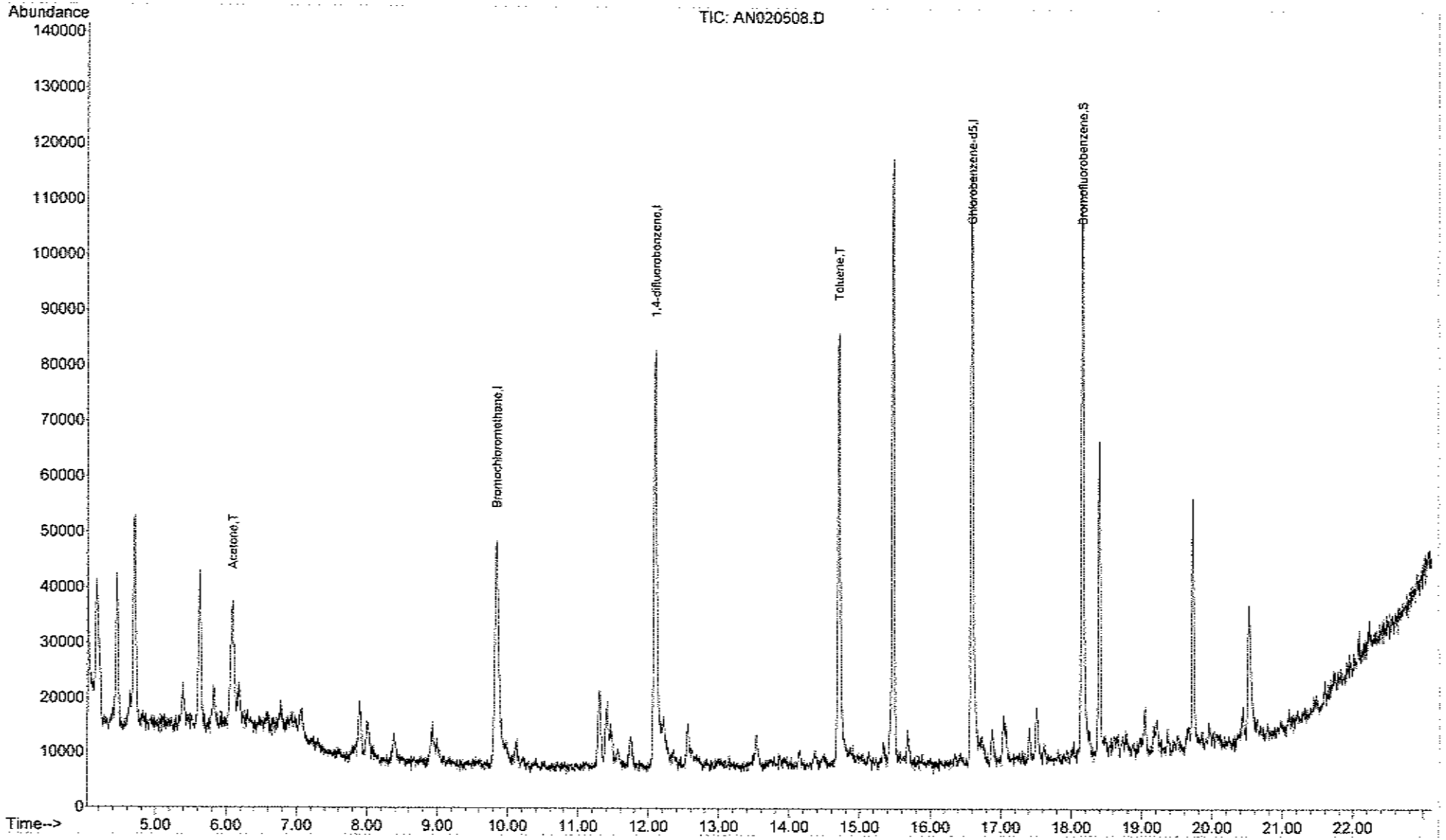
Quantitation Report (QT Reviewed)

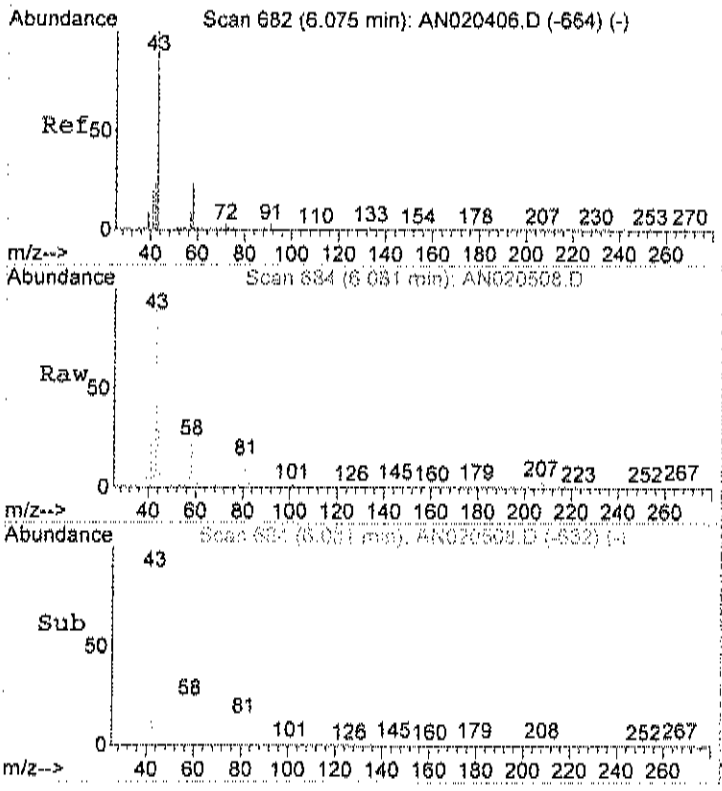
Data File : C:\HPCHEM\1\DATA\AN020508.D
Acq On : 5 Feb 2016 1:47 pm
Sample : C1602007-005A 5X
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 8 10:13 2016

Vial: 8
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration

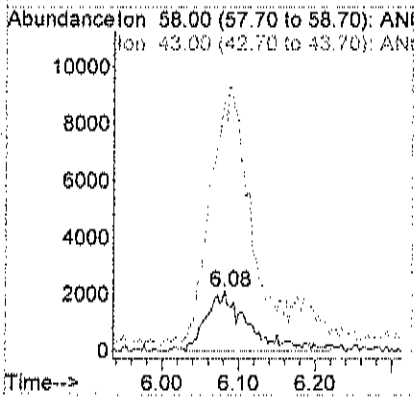


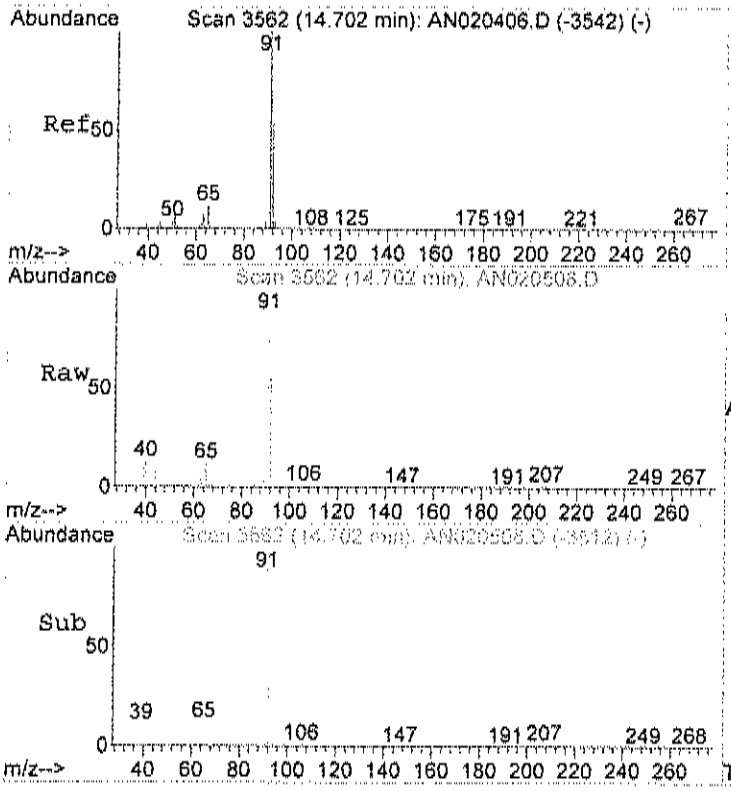


#15
Acetone
Concen: 0.83 ppb
RT: 6.08 min Scan# 684
Delta R.T. 0.01 min
Lab File: AN020508.D
Acq: 5 Feb 2016 1:47 pm

Tgt Ion: 58 Resp: 8155

Ion	Ratio	Lower	Upper
58	100		
43	441.2	661.8	721.8#

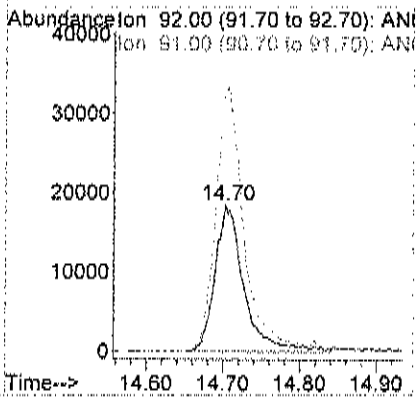




#51
Toluene
Concen: 0.84 ppb
RT: 14.70 min Scan# 3562
Delta R.T. 0.00 min
Lab File: AN020508.D
Acq: 5 Feb 2016 1:47 pm

Tgt Ion: 92 Resp: 48400

Ion	Ratio	Lower	Upper
92	100		
91	179.0	152.5	192.5



Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	OA-1
Lab Order:	C1602007	**Tag Number:**	360.388
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-2			"Hg		2/3/2016
Lab Vacuum Out	-30			"Hg		2/3/2016
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,2,4-Trimethylbenzene	0.12	0.15	J	ppbV	1	2/4/2016 8:37:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/4/2016 8:37:00 PM
2,2,4-trimethylpentane	0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Acetone	2.6	0.30		ppbV	1	2/4/2016 8:37:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Benzene	0.34	0.15		ppbV	1	2/4/2016 8:37:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Bromoform	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Carbon tetrachloride	0.090	0.040		ppbV	1	2/4/2016 8:37:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Chloroform	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Chloromethane	0.54	0.15		ppbV	1	2/4/2016 8:37:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Cyclohexane	0.35	0.15		ppbV	1	2/4/2016 8:37:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Ethyl acetate	< 0.25	0.25		ppbV	1	2/4/2016 8:37:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT: Hanson Van Vleet
Lab Order: C1602007
Project: Tim Bayly Site
Lab ID: C1602007-006A

Client Sample ID: OA-1
Tag Number: 360.388
Collection Date: 2/1/2016
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethylbenzene	0.12	0.15	J	ppbV	1	2/4/2016 8:37:00 PM
Freon 11	0.34	0.15		ppbV	1	2/4/2016 8:37:00 PM
Freon 113	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Freon 114	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Freon 12	0.58	0.15		ppbV	1	2/4/2016 8:37:00 PM
Heptane	0.32	0.15		ppbV	1	2/4/2016 8:37:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Hexane	0.40	0.15		ppbV	1	2/4/2016 8:37:00 PM
Isopropyl alcohol	1.2	0.15		ppbV	1	2/4/2016 8:37:00 PM
m&p-Xylene	0.37	0.30		ppbV	1	2/4/2016 8:37:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/4/2016 8:37:00 PM
Methyl Ethyl Ketone	0.30	0.30		ppbV	1	2/4/2016 8:37:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	2/4/2016 8:37:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Methylene chloride	0.30	0.15		ppbV	1	2/4/2016 8:37:00 PM
o-Xylene	0.14	0.15	J	ppbV	1	2/4/2016 8:37:00 PM
Propylene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Styrene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Tetrahydrofuran	0.27	0.15		ppbV	1	2/4/2016 8:37:00 PM
Toluene	0.61	0.15		ppbV	1	2/4/2016 8:37:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Trichloroethene	< 0.040	0.040		ppbV	1	2/4/2016 8:37:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/4/2016 8:37:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	2/4/2016 8:37:00 PM
Surr: Bromofluorobenzene	93.0	70-130		%REC	1	2/4/2016 8:37:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT:	Hanson Van Vleet	**Client Sample ID:**	OA-1
Lab Order:	C1602007	**Tag Number:**	360.388
Project:	Tim Bayly Site	**Collection Date:**	2/1/2016
Lab ID:	C1602007-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/4/2016 8:37:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/4/2016 8:37:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/4/2016 8:37:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/4/2016 8:37:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 8:37:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/4/2016 8:37:00 PM
1,2,4-Trimethylbenzene	0.59	0.74	J	ug/m3	1	2/4/2016 8:37:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/4/2016 8:37:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 8:37:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/4/2016 8:37:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/4/2016 8:37:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	2/4/2016 8:37:00 PM
1,3-buladiene	< 0.33	0.33		ug/m3	1	2/4/2016 8:37:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 8:37:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/4/2016 8:37:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/4/2016 8:37:00 PM
2,2,4-trimethylpentane	0.70	0.70		ug/m3	1	2/4/2016 8:37:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	2/4/2016 8:37:00 PM
Acetone	6.2	0.71		ug/m3	1	2/4/2016 8:37:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/4/2016 8:37:00 PM
Benzene	1.1	0.48		ug/m3	1	2/4/2016 8:37:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/4/2016 8:37:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/4/2016 8:37:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/4/2016 8:37:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	2/4/2016 8:37:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/4/2016 8:37:00 PM
Carbon tetrachloride	0.57	0.25		ug/m3	1	2/4/2016 8:37:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/4/2016 8:37:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/4/2016 8:37:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	2/4/2016 8:37:00 PM
Chloromethane	1.1	0.31		ug/m3	1	2/4/2016 8:37:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 8:37:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/4/2016 8:37:00 PM
Cyclohexane	1.2	0.52		ug/m3	1	2/4/2016 8:37:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/4/2016 8:37:00 PM
Ethyl acetate	< 0.90	0.90		ug/m3	1	2/4/2016 8:37:00 PM
Ethylbenzene	0.52	0.65	J	ug/m3	1	2/4/2016 8:37:00 PM
Freon 11	1.9	0.84		ug/m3	1	2/4/2016 8:37:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/4/2016 8:37:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/4/2016 8:37:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Mar-16*

CLIENT: Hanson Van Vleet
Lab Order: C1602007
Project: Tim Bayly Site
Lab ID: C1602007-006A

Client Sample ID: OA-1
Tag Number: 360.388
Collection Date: 2/1/2016
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
Freon 12	2.9	0.74		ug/m3	1	2/4/2016 8:37:00 PM
Heptane	1.3	0.61		ug/m3	1	2/4/2016 8:37:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/4/2016 8:37:00 PM
Hexane	1.4	0.53		ug/m3	1	2/4/2016 8:37:00 PM
Isopropyl alcohol	2.9	0.37		ug/m3	1	2/4/2016 8:37:00 PM
m&p-Xylene	1.6	1.3		ug/m3	1	2/4/2016 8:37:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/4/2016 8:37:00 PM
Methyl Ethyl Ketone	0.88	0.88		ug/m3	1	2/4/2016 8:37:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	2/4/2016 8:37:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/4/2016 8:37:00 PM
Methylene chloride	1.0	0.52		ug/m3	1	2/4/2016 8:37:00 PM
o-Xylene	0.61	0.65	J	ug/m3	1	2/4/2016 8:37:00 PM
Propylene	< 0.26	0.26		ug/m3	1	2/4/2016 8:37:00 PM
Styrene	< 0.64	0.64		ug/m3	1	2/4/2016 8:37:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	2/4/2016 8:37:00 PM
Tetrahydrofuran	0.80	0.44		ug/m3	1	2/4/2016 8:37:00 PM
Toluene	2.3	0.57		ug/m3	1	2/4/2016 8:37:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/4/2016 8:37:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/4/2016 8:37:00 PM
Trichloroethene	< 0.21	0.21		ug/m3	1	2/4/2016 8:37:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/4/2016 8:37:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/4/2016 8:37:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	2/4/2016 8:37:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020419.D Vial: 17
Acq On : 4 Feb 2016 8:37 pm Operator: RJP
Sample : C1602007-006A Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 05 06:39:03 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.83	128	24822	1.00	ppb		0.02
35) 1,4-difluorobenzene	12.09	114	104074	1.00	ppb		0.00
50) Chlorobenzene-d5	16.58	117	79714	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.16	95	50399	0.93	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 93.00%				
Target Compounds							Qvalue
3) Freon 12	4.20	85	62887	0.58	ppb		98
4) Chloromethane	4.40	50	17710	0.54	ppb		91
14) Freon 11	5.82	101	36653	0.34	ppb		94
15) Acetone	6.05	58	27145m	2.59	ppb		
17) Isopropyl alcohol	6.17	45	35345	1.17	ppb	#	46
21) Methylene chloride	7.06	84	9620	0.30	ppb	#	80
28) Methyl Ethyl Ketone	8.98	72	4811m	0.30	ppb		
30) Hexane	8.93	57	21800	0.40	ppb		98
33) Tetrahydrofuran	10.19	42	10093	0.27	ppb		70
37) Cyclohexane	11.46	56	17329m	0.35	ppb		
38) Carbon tetrachloride	11.40	117	6739m	0.09	ppb		
39) Benzene	11.40	78	31273	0.34	ppb		96
42) 2,2,4-trimethylpentane	12.21	57	26142	0.15	ppb		76
43) Heptane	12.55	43	16527	0.32	ppb		86
51) Toluene	14.71	92	32618	0.61	ppb		98
59) Ethylbenzene	16.87	91	13522	0.12	ppb		99
60) m&p-xylene	17.04	91	33080	0.37	ppb		97
64) o-xylene	17.51	91	14115	0.14	ppb		94
72) 1,2,4-trimethylbenzene	19.21	105	11376	0.12	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

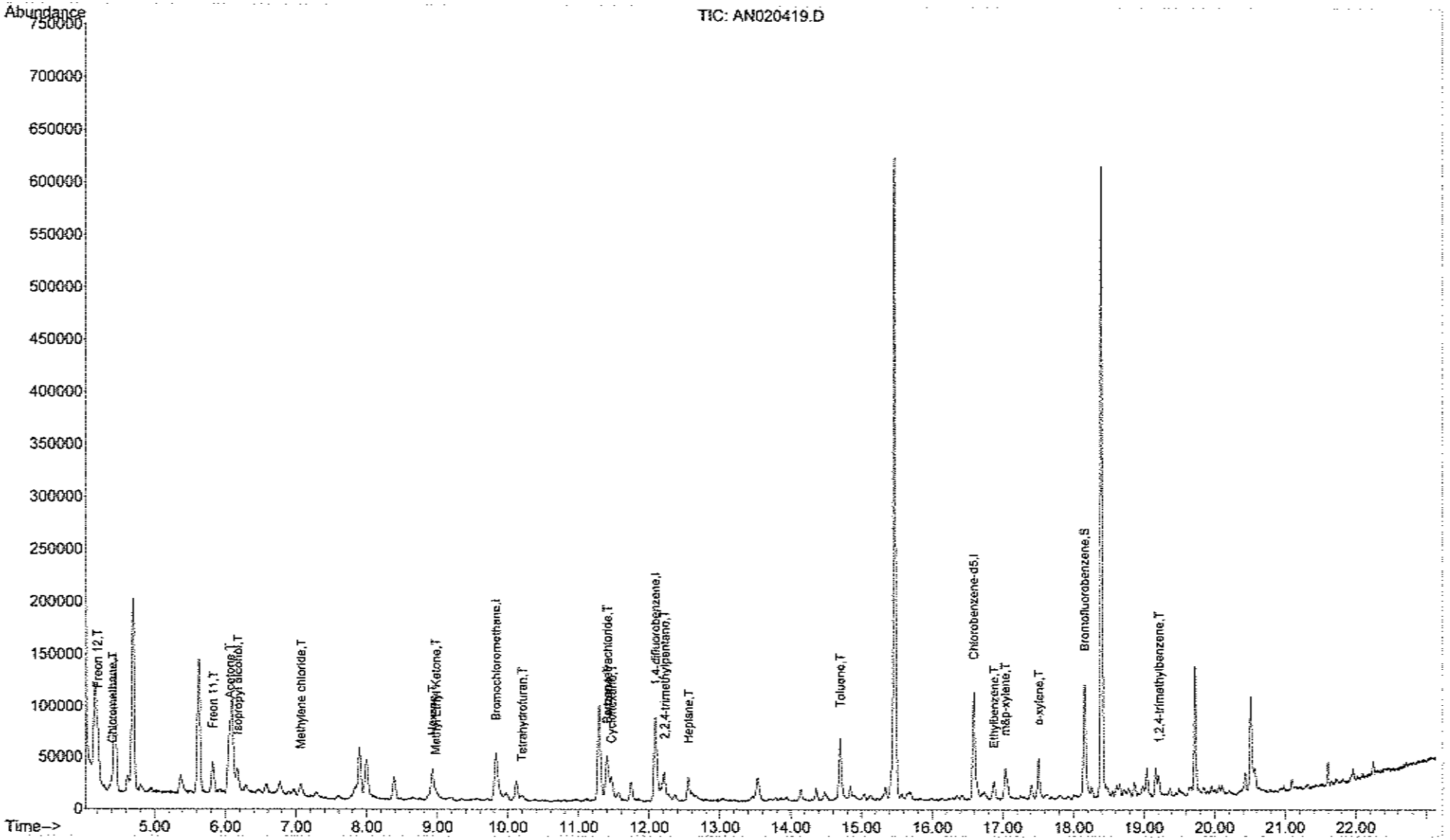
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020419.D
Acq On : 4 Feb 2016 8:37 pm
Sample : C1602007-006A
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 8 10:14 2016

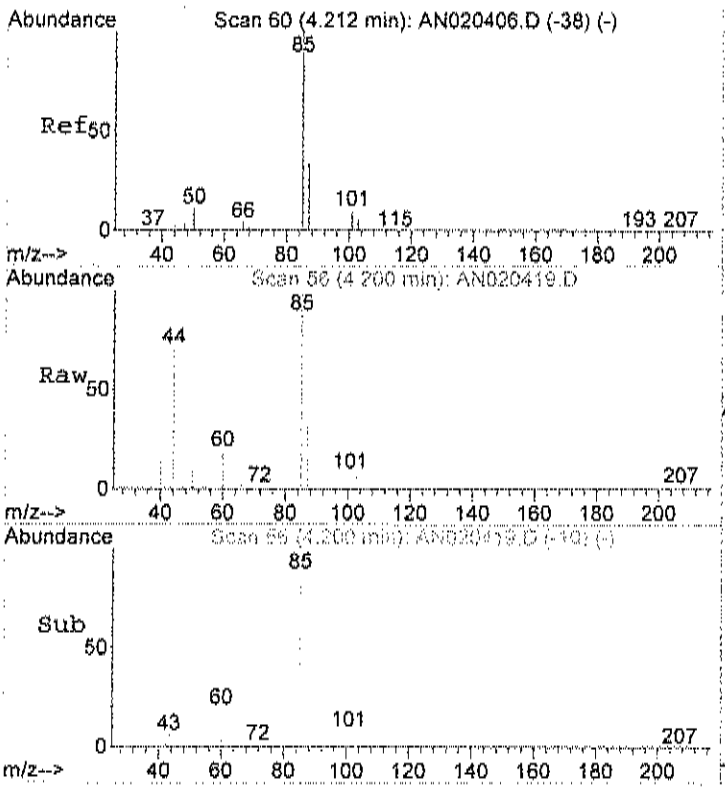
Vial: 17
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration



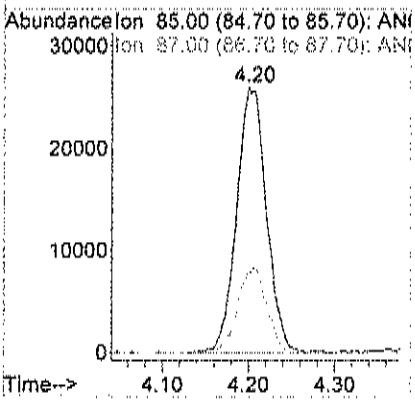
Centek Laboratories, LLC

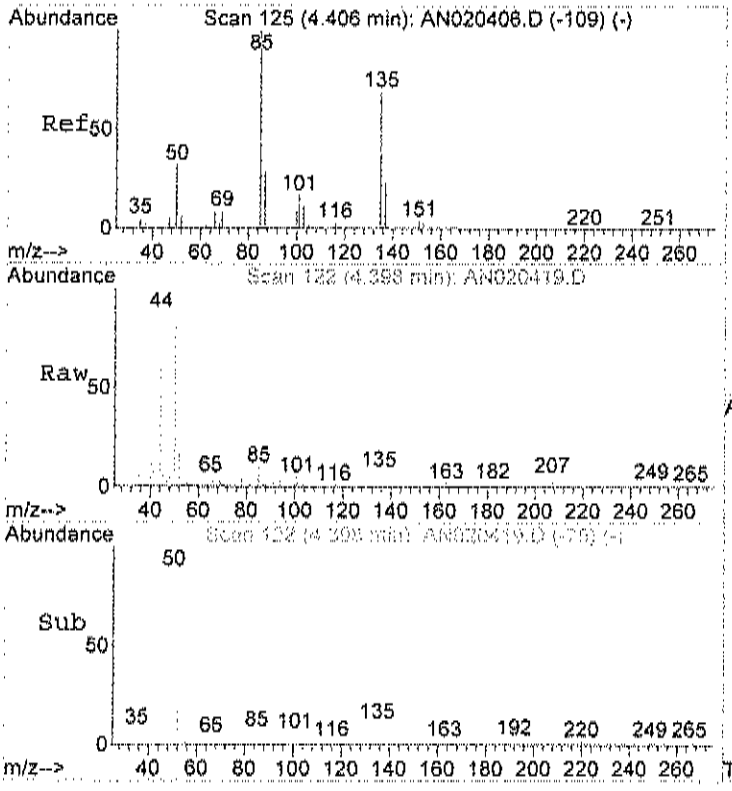


#3
Freon 12
Concen: 0.58 ppb
RT: 4.20 min Scan# 56
Delta R.T. -0.01 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion: 85 Resp: 62887

Ion	Ratio	Lower	Upper
85	100		
87	31.5	12.5	52.5

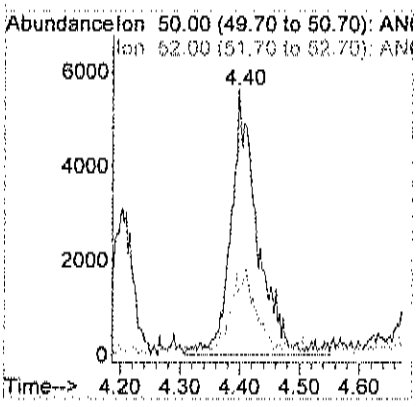


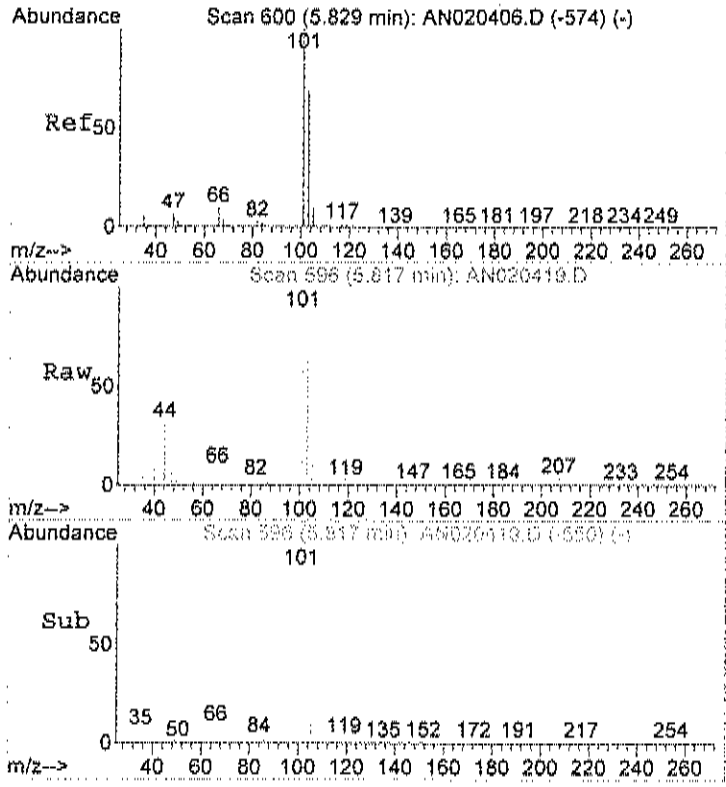


#4
Chloromethane
Concen: 0.54 ppb
RT: 4.40 min Scan# 122
Delta R.T. -0.01 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion: 50 Resp: 17710

Ion	Ratio	Lower	Upper
50	100		
52	34.2	9.2	49.2

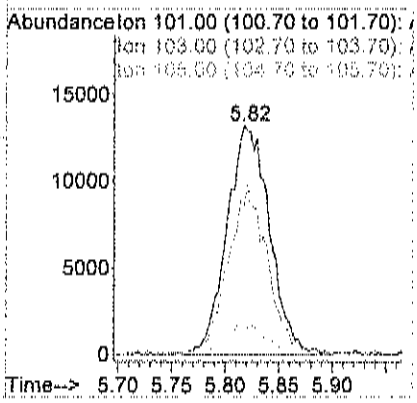


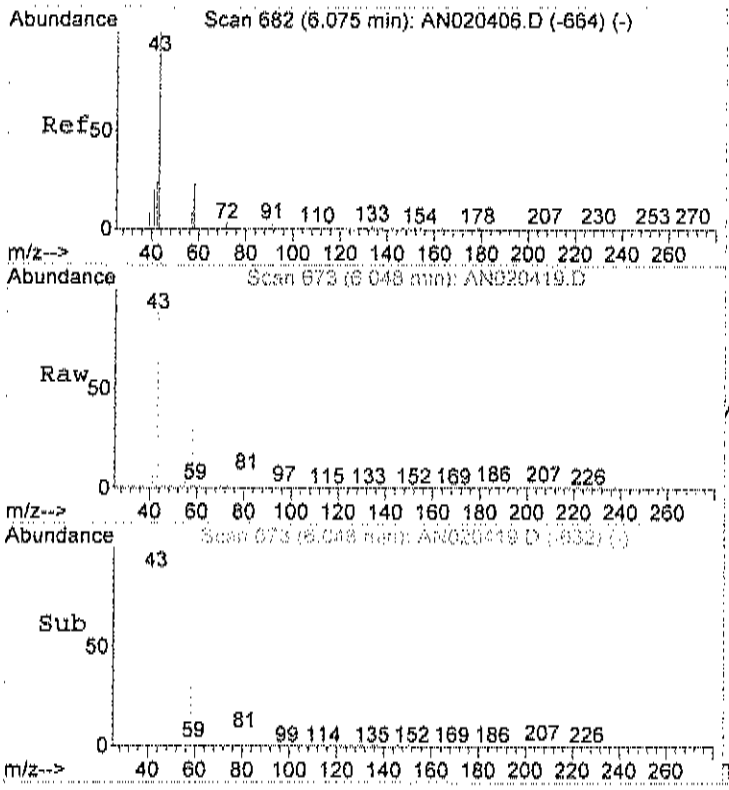


#14
Freon 11
Concen: 0.34 ppb
RT: 5.82 min Scan# 596
Delta R.T. -0.01 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion:101 Resp: 36653

Ion	Ratio	Lower	Upper
101	100		
103	69.1	44.6	84.6
105	15.1	0.0	31.6

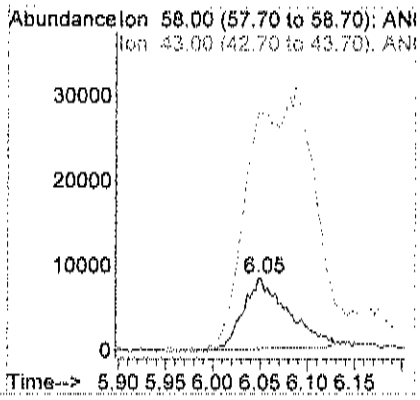


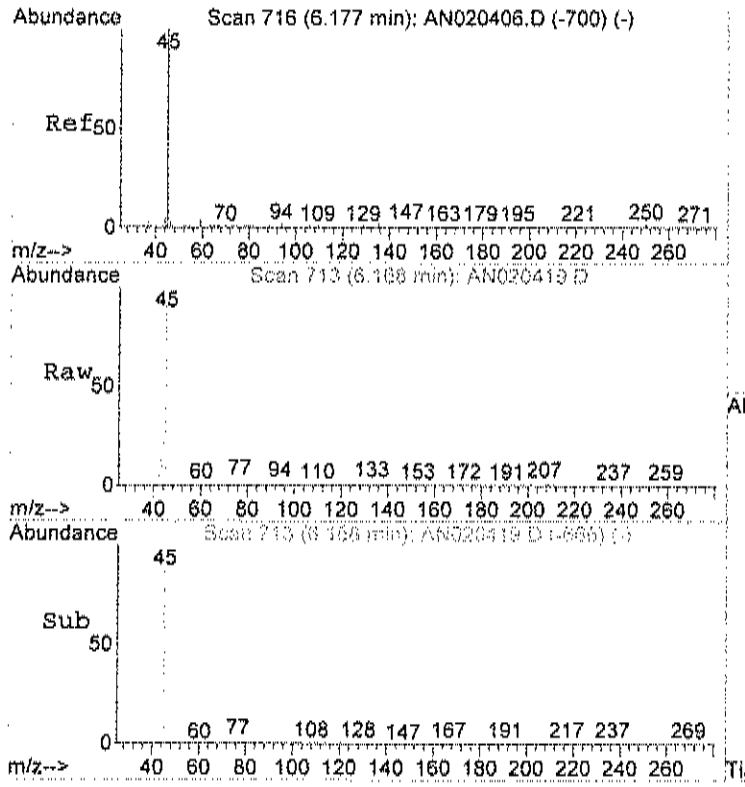


#15
Acetone
Concen: 2.59 ppb m
RT: 6.05 min Scan# 673
Delta R.T. -0.03 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion: 58 Resp: 27145

Ion	Ratio	Lower	Upper
58	100		
43	597.3	661.8	721.8#

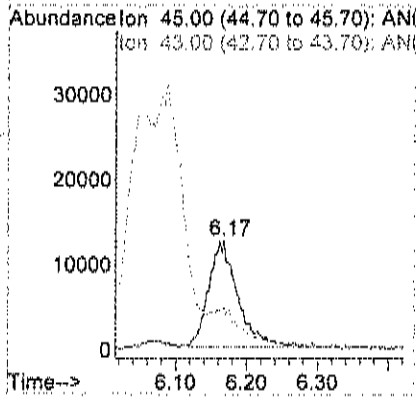


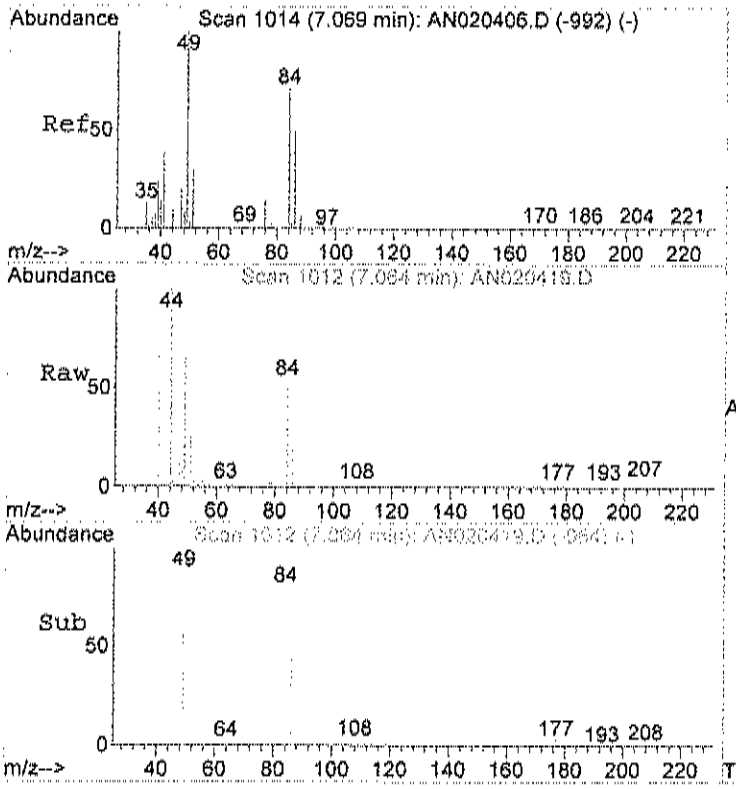


#17
Isopropyl alcohol
Concen: 1.17 ppb
RT: 6.17 min Scan# 713
Delta R.T. -0.01 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion: 45 Resp: 35345

Ion	Ratio	Lower	Upper
45	100		
43	0.0	8.9	48.9#

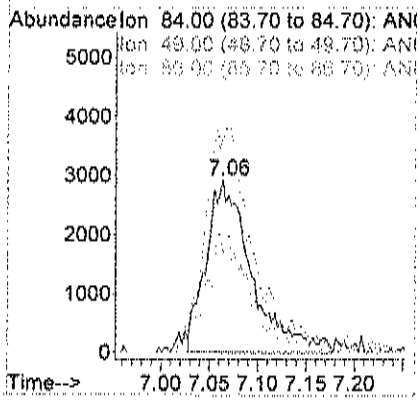


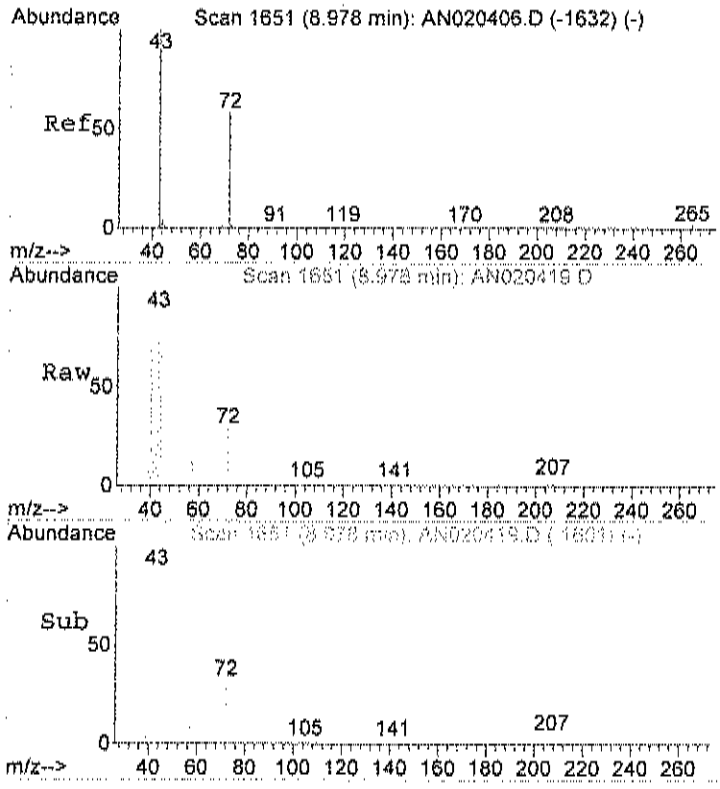


#21
Methylene chloride
Concen: 0.30 ppb
RT: 7.06 min Scan# 1012
Delta R.T. -0.01 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion: 84 Resp: 9620

Ion	Ratio	Lower	Upper
84	100		
49	138.3	87.8	127.8#
86	67.1	43.1	83.1

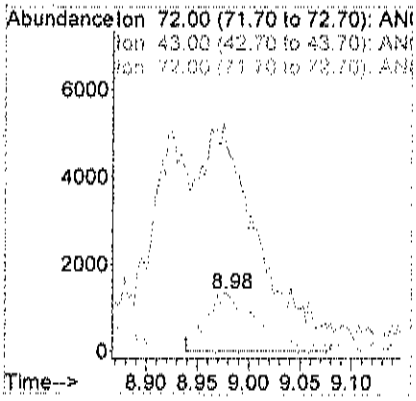


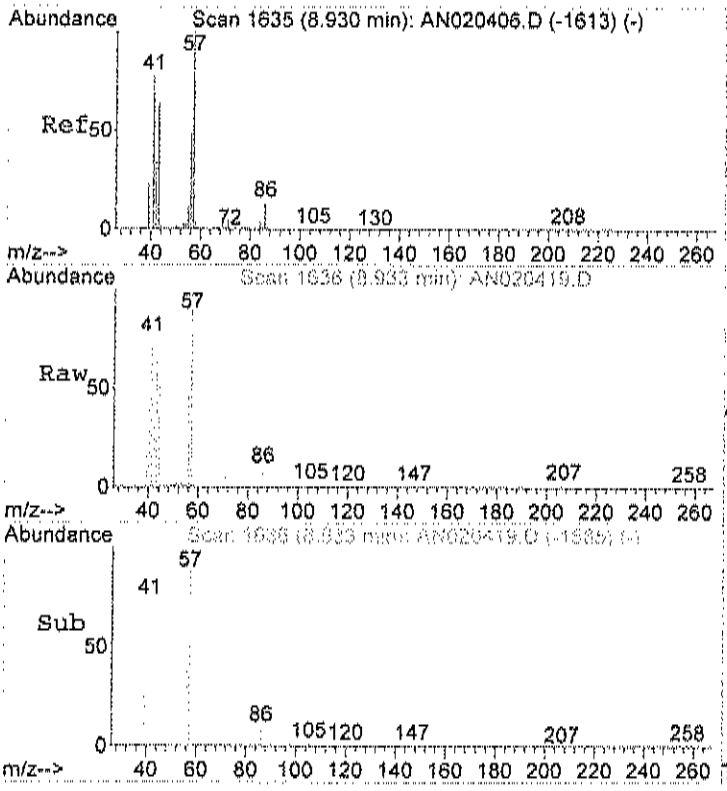


#28
Methyl Ethyl Ketone
Concen: 0.30 ppb m
RT: 8.98 min Scan# 1651
Delta R.T. 0.00 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion: 72 Resp: 4811

Ion	Ratio	Lower	Upper
72	100		
43	0.0	0.0	20.0
72	128.6	80.0	120.0#

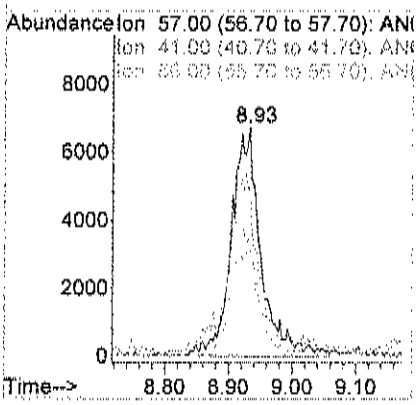


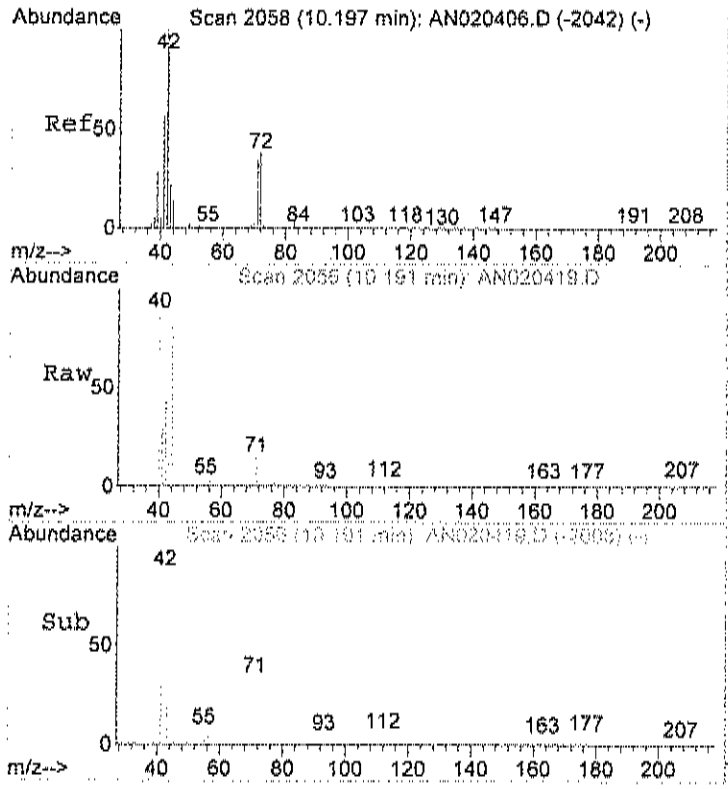


#30
Hexane
Concen: 0.40 ppb
RT: 8.93 min Scan# 1636
Delta R.T. 0.00 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion: 57 Resp: 21800

Ion	Ratio	Lower	Upper
57	100		
41	85.1	66.6	106.6
56	49.1	30.6	70.6

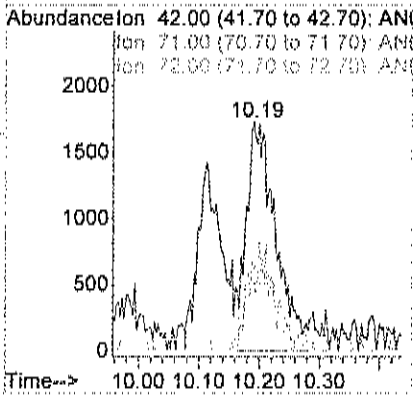


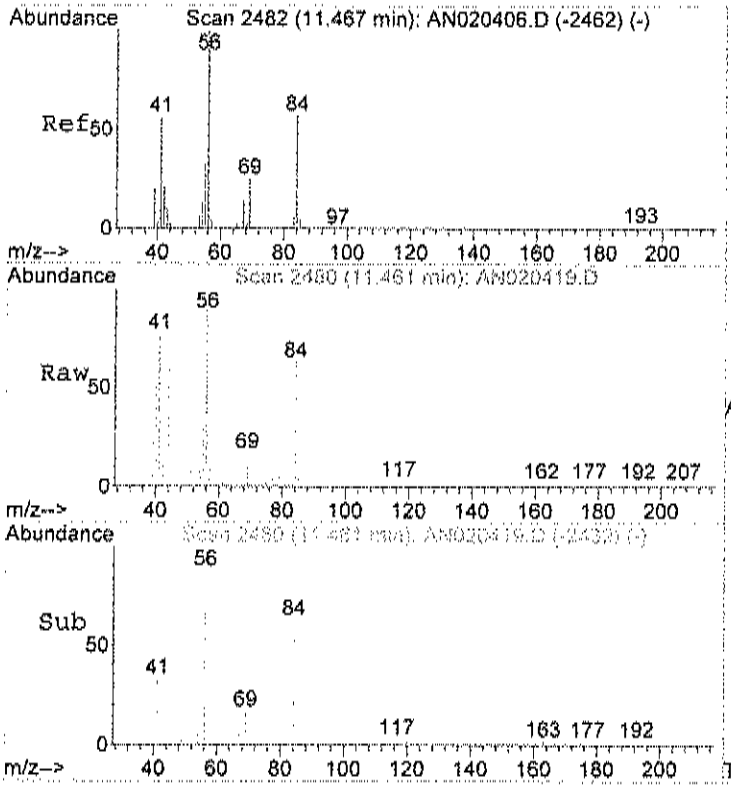


#33
Tetrahydrofuran
Concen: 0.27 ppb
RT: 10.19 min Scan# 2056
Delta R.T. -0.01 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion: 42 Resp: 10093

Ion	Ratio	Lower	Upper
42	100		
71	21.7	20.0	60.0
72	20.9	19.1	59.1

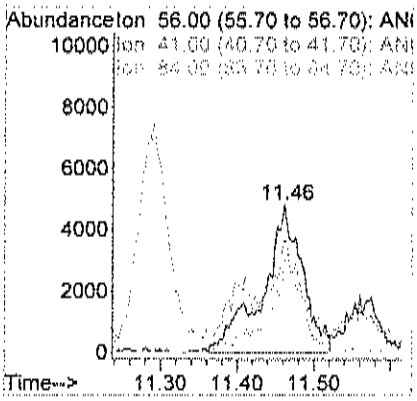


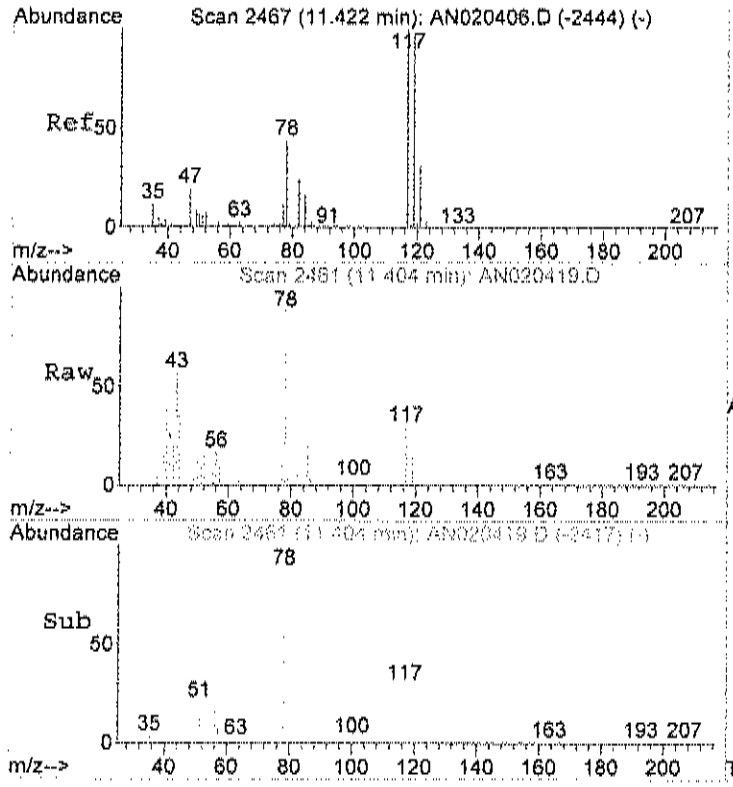


#37
Cyclohexane
Concen: 0.35 ppb m
RT: 11.46 min Scan# 2480
Delta R.T. -0.01 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion: 56 Resp: 17329

Ion	Ratio	Lower	Upper
56	100		
41	98.5	47.3	87.3#
84	51.5	88.1	128.1#

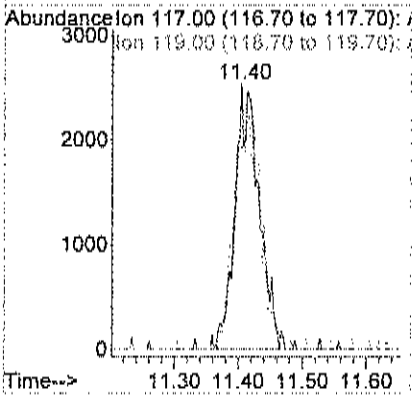


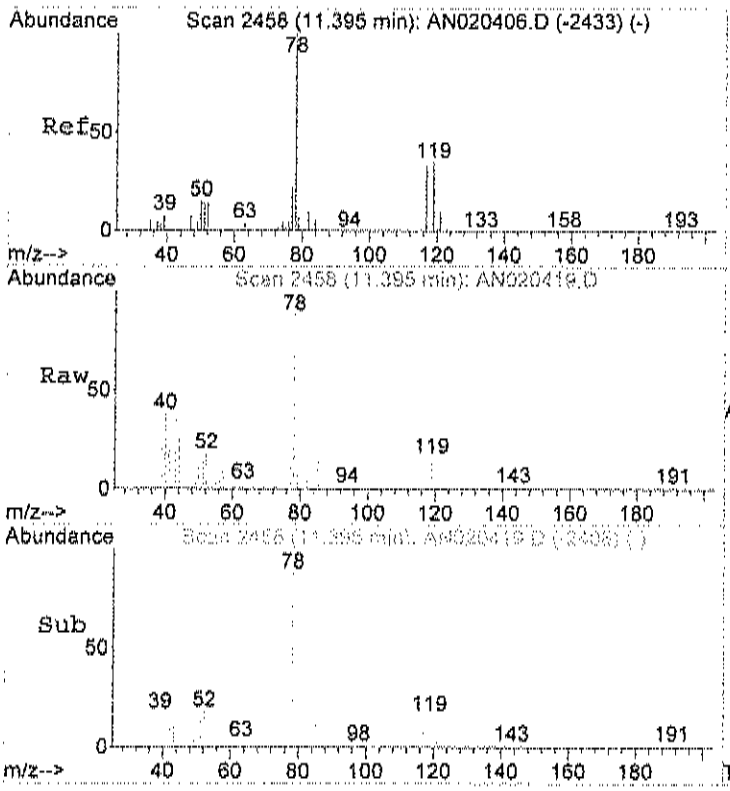


#38
Carbon tetrachloride
Concen: 0.09 ppb m
RT: 11.40 min Scan# 2461
Delta R.T. -0.02 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion:117 Resp: 6739

Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.5	114.5#

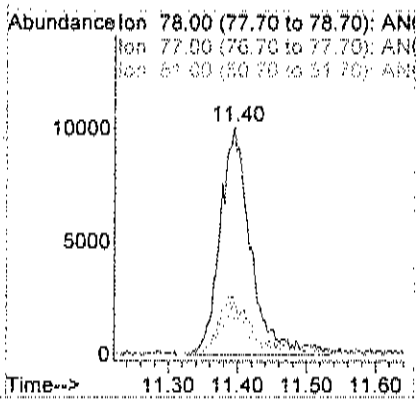


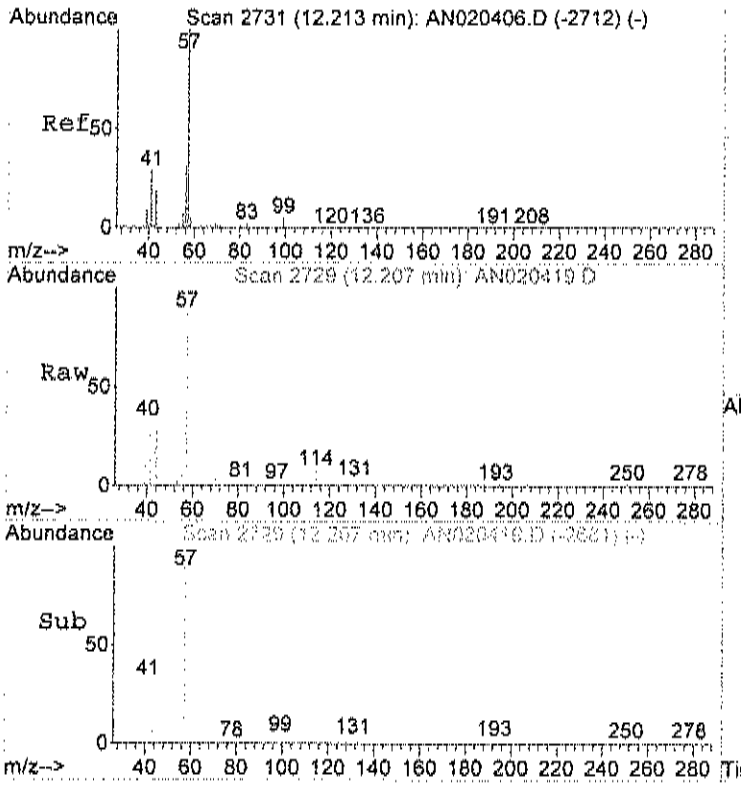


#39
Benzene
Concen: 0.34 ppb
RT: 11.40 min Scan# 2458
Delta R.T. 0.00 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion: 78 Resp: 31273

Ion	Ratio	Lower	Upper
78	100		
77	28.4	6.0	46.0
51	20.8	2.1	42.1

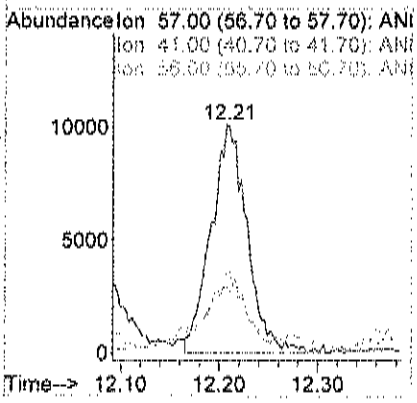


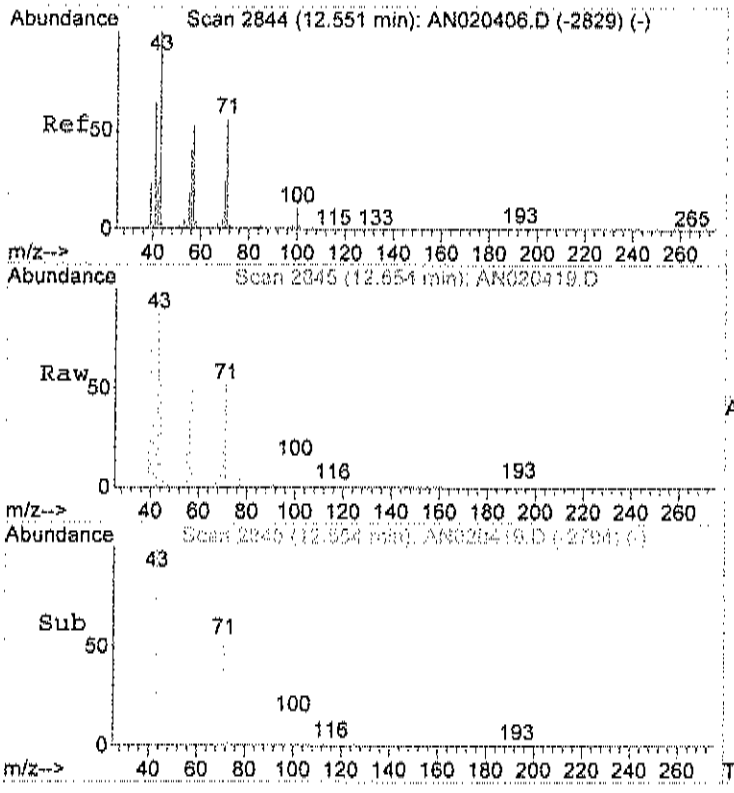


#42
2,2,4-trimethylpentane
Concen: 0.15 ppb
RT: 12.21 min Scan# 2729
Delta R.T. -0.01 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion: 57 Resp: 26142

Ion	Ratio	Lower	Upper
57	100		
41	45.2	14.1	54.1
56	47.4	11.4	51.4

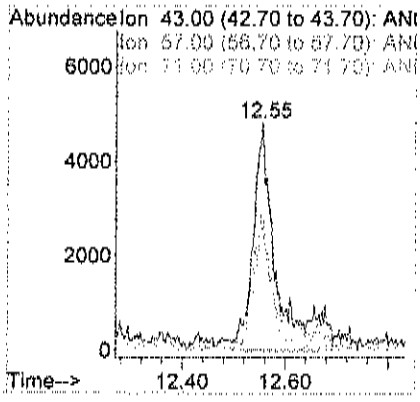


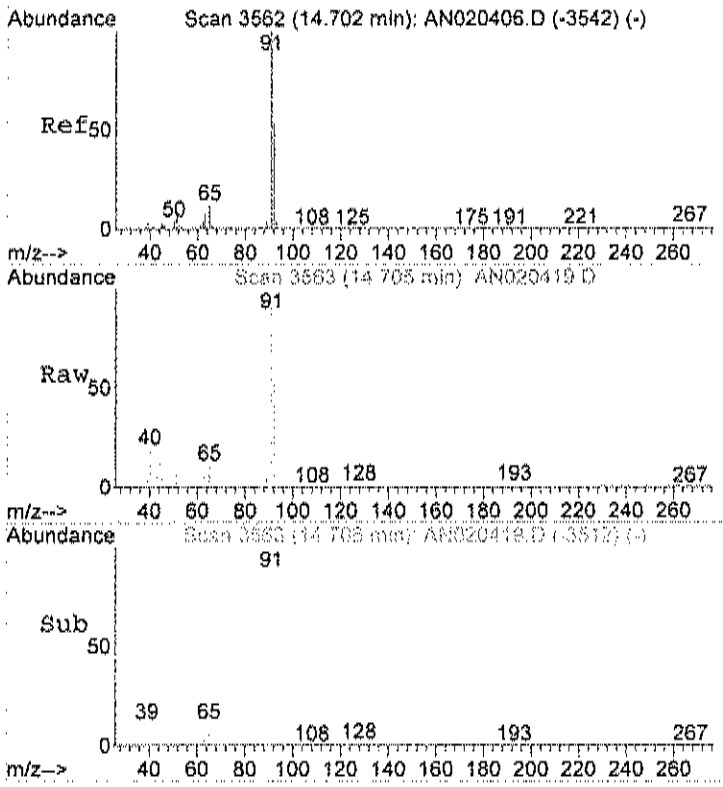


#43
Heptane
Concen: 0.32 ppb
RT: 12.55 min Scan# 2845
Delta R.T. 0.00 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion: 43 Resp: 16527

Ion	Ratio	Lower	Upper
43	100		
57	53.8	31.3	71.3
71	37.4	34.8	74.8

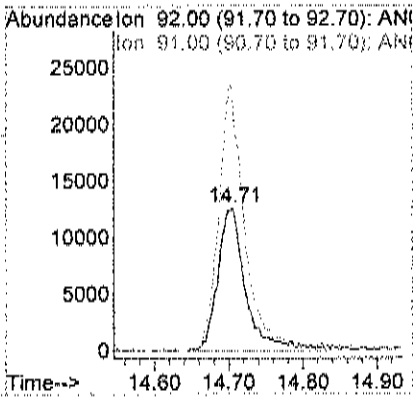


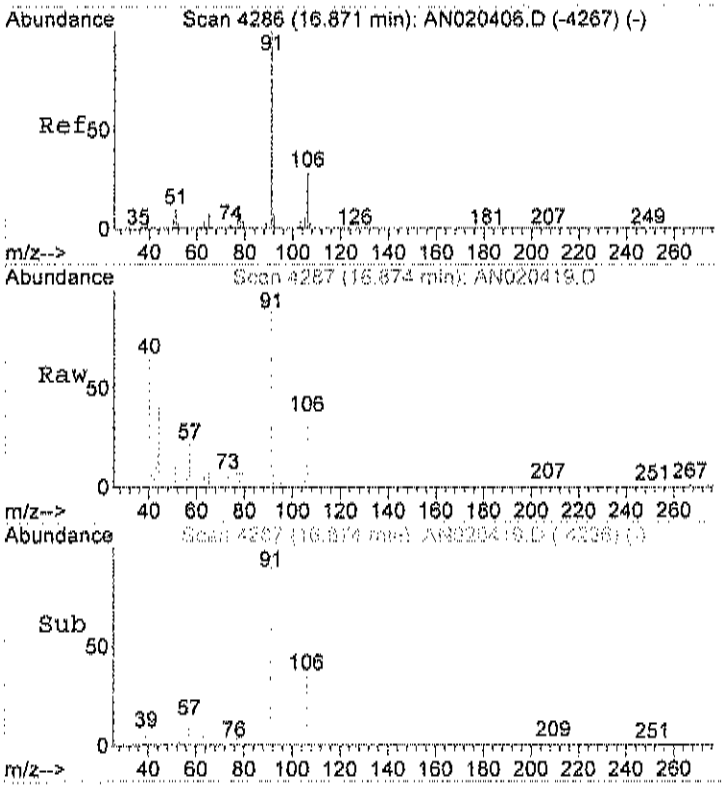


#51
Toluene
Concen: 0.61 ppb
RT: 14.71 min Scan# 3563
Delta R.T. 0.00 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion: 92 Resp: 32618

Ion	Ratio	Lower	Upper
92	100		
91	175.6	152.5	192.5

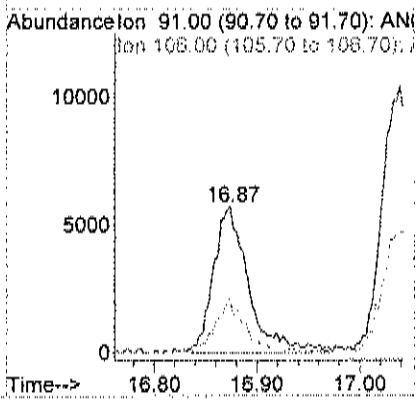


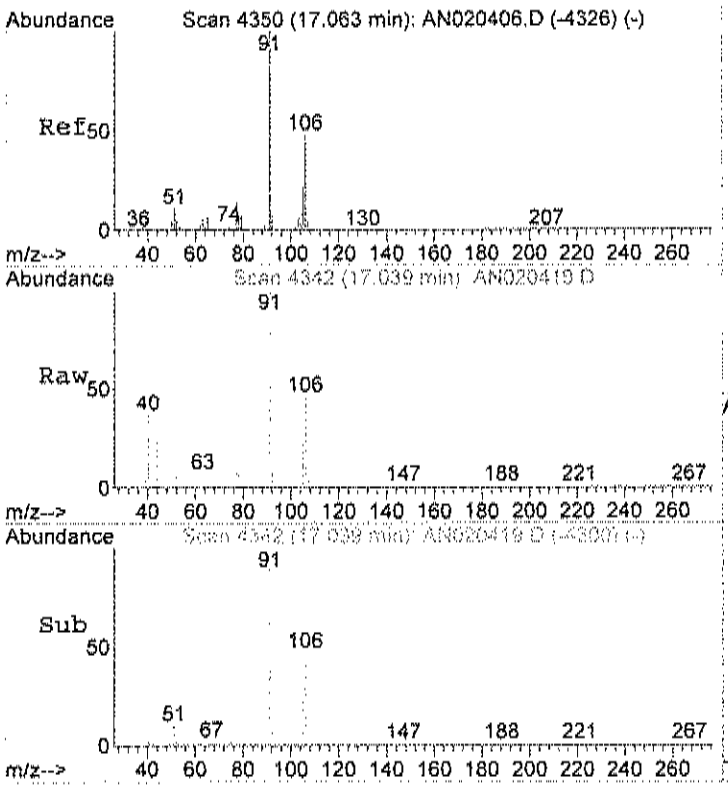


#59
Ethylbenzene
Concen: 0.12 ppb
RT: 16.87 min Scan# 4287
Delta R.T. 0.00 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion: 91 Resp: 13522

Ion	Ratio	Lower	Upper
91	100		
106	30.6	9.9	49.9

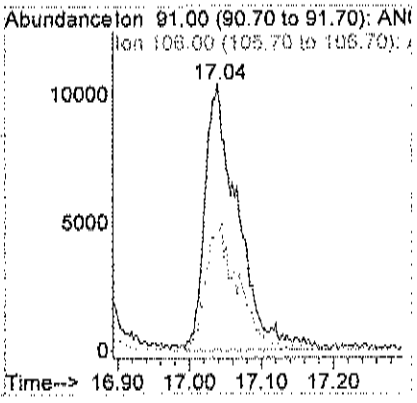


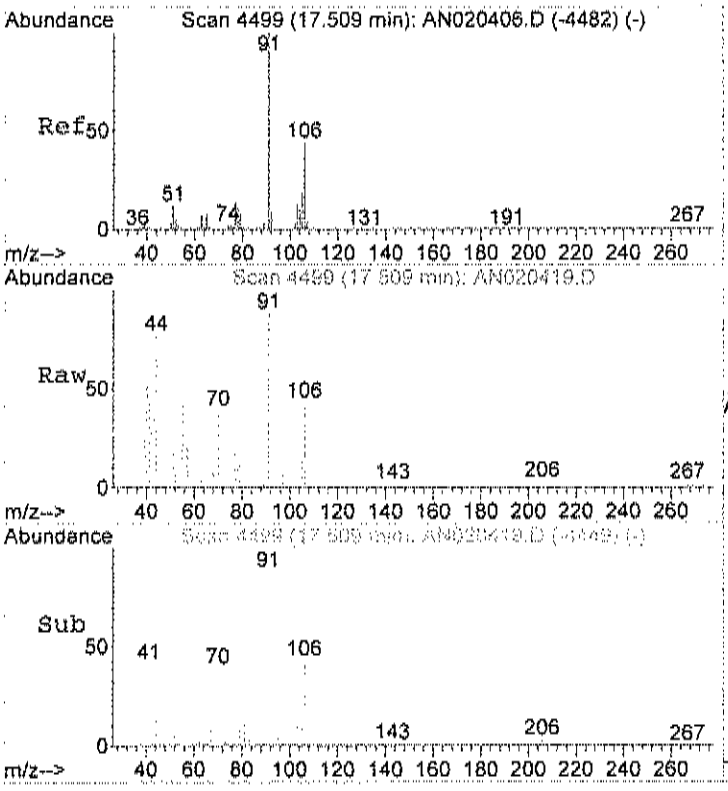


#60
m&p-xylene
Concen: 0.37 ppb
RT: 17.04 min Scan# 4342
Delta R.T. -0.02 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion: 91 Resp: 33080

Ion	Ratio	Lower	Upper
91	100		
106	47.5	25.3	65.3

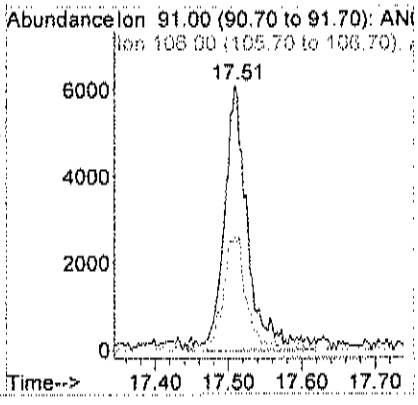


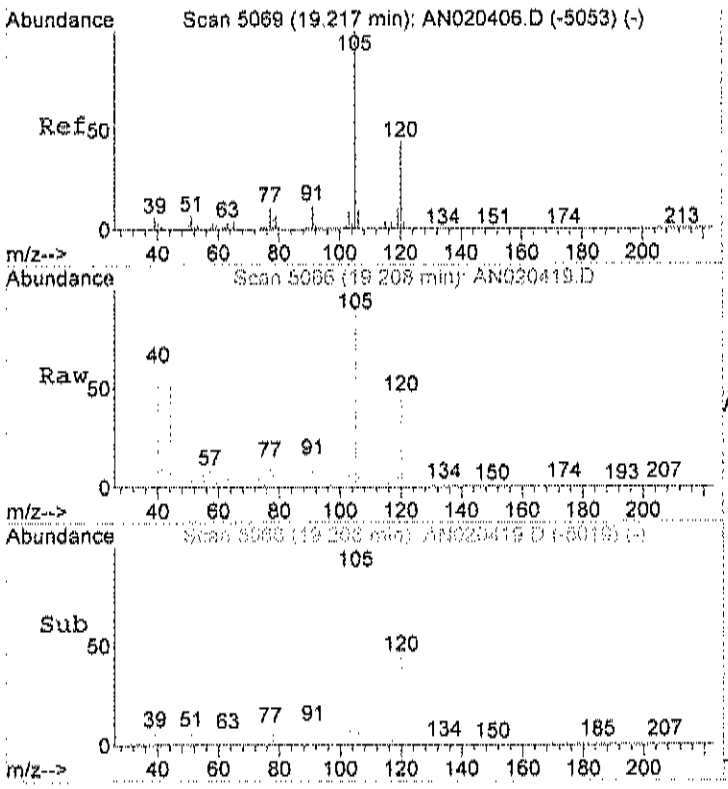


#64
o-xylene
Concen: 0.14 ppb
RT: 17.51 min Scan# 4499
Delta R.T. 0.00 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion: 91 Resp: 14115

Ion	Ratio	Lower	Upper
91	100		
106	41.9	18.4	58.4

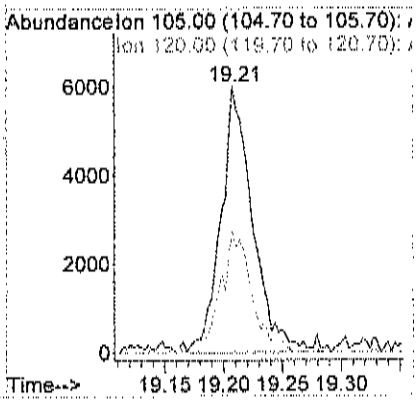




#72
1,2,4-trimethylbenzene
Concen: 0.12 ppb
RT: 19.21 min Scan# 5066
Delta R.T. -0.01 min
Lab File: AN020419.D
Acq: 4 Feb 2016 8:37 pm

Tgt Ion:105 Resp: 11376

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	62.1



GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

STANDARDS DATA

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

INITIAL CALIBRATION

Response Factor Report MSD #1

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 10:59:01 2016
Response via : Initial Calibration

Calibration Files
0.04 =AN020412.D 0.15 =AN020410.D 0.30 =AN020409.D
0.50 =AN020408.D 0.75 =AN020407.D 1.0 =AN020406.D

		Compound	0.04	0.15	0.30	0.50	0.75	1.0	Avg	%RSD
1)	I	Bromochloromethane	----------ISTD----------							
2)	T	Propylene		1.659	1.455	1.318	1.143	1.160	1.239	17.85
3)	T	Freon 12		4.827	4.314	4.447	4.223	4.331	4.355	4.78
4)	T	Chloromethane		1.749	1.488	1.344	1.105	1.358	1.318	16.76
5)	T	Freon 114		4.087	3.601	3.664	3.360	3.923	3.638	6.95
6)	T	Vinyl Chloride	1.456	1.207	1.006	0.984	0.921	1.017	1.045	16.99
7)	T	Butane		1.443	1.355	1.428	1.232	1.329	1.275	10.78
8)	T	1,3-butadiene		1.040	0.919	0.890	0.870	0.910	0.889	8.22
9)	T	Bromomethane		1.456	1.237	1.320	1.074	1.132	1.193	11.33
10)	T	Chloroethane		0.526	0.400	0.413	0.397	0.406	0.418	10.55
11)	T	Ethanol		0.250	0.305	0.222	0.231	0.256	0.256	11.72
12)	T	Acrolein		0.279	0.390	0.336	0.310	0.293	0.310	12.03
13)	T	Vinyl Bromide		1.330	1.234	1.213	1.166	1.189	1.197	5.25
14)	T	Freon 11		4.975	4.414	4.354	4.187	4.327	4.372	5.84
15)	T	Acetone		0.509	0.447	0.446	0.390	0.393	0.423	9.87
16)	T	Pentane		0.898	0.970	0.873	0.769	0.821	0.841	8.05
17)	T	Isopropyl alcoh		1.388	1.495	1.156	1.101	1.120	1.220	11.71
18)	T	1,1-dichloroeth		1.393	1.250	1.132	1.107	1.144	1.163	9.18
19)	T	Freon 113		3.089	2.834	2.824	2.639	2.720	2.761	5.58
20)	t	t-Butyl alcohol		2.522	2.230	1.942	1.776	1.836	2.203	15.39
21)	T	Methylene chlor		1.325	1.581	1.102	1.030	1.393	1.313	13.17
22)	T	Allyl chloride		1.422	1.733	1.144	1.035	1.667	1.494	17.97
23)	T	Carbon disulfid		5.174	4.325	3.342	3.951	4.061	4.098	12.55
24)	T	trans-1,2-dichl		2.180	2.076	2.060	1.999	1.933	2.029	3.73
25)	T	methyl tert-but		4.386	3.644	3.672	3.558	3.607	3.703	7.52
26)	T	1,1-dichloroeth		3.090	2.824	2.831	2.594	2.737	2.780	5.24
27)	T	Vinyl acetate		3.517	3.471	3.149	3.321	3.104	3.306	4.30
28)	T	Methyl Ethyl Ke		0.640	0.625	0.672	0.630	0.625	0.649	3.56
29)	T	cis-1,2-dichlor		1.983	1.886	1.799	1.817	1.788	1.841	3.74
30)	T	Hexane		2.253	2.222	2.263	2.109	2.162	2.185	2.73
31)	T	Ethyl acetate		3.814	3.227	2.964	2.791	2.817	3.069	10.76
32)	T	Chloroform		3.573	3.257	3.272	3.174	3.182	3.241	4.43
33)	T	Tetrahydrofuran		1.713	1.583	1.615	1.449	1.418	1.511	7.42
34)	T	1,2-dichloroeth		2.226	2.011	1.973	1.876	1.831	1.934	7.02
35)	I	1,4-difluorobenzene	----------ISTD----------							
36)	T	1,1,1-trichloro		0.737	0.690	0.670	0.699	0.697	0.694	2.79
37)	T	Cyclohexane		0.510	0.492	0.460	0.478	0.469	0.474	3.91
38)	T	Carbon tetrachl	0.933	0.711	0.671	0.670	0.681	0.679	0.708	12.10
39)	T	Benzene		0.964	0.923	0.864	0.870	0.858	0.883	4.49
40)	T	Methyl methacry		0.358	0.355	0.331	0.340	0.345	0.353	4.57
41)	T	1,4-dioxane		0.221	0.185	0.166	0.169	0.161	0.179	10.62
42)	T	2,2,4-trimethyl		1.755	1.839	1.517	1.651	1.576	1.634	6.70
43)	T	Heptane		0.595	0.480	0.488	0.496	0.462	0.498	8.11
44)	T	Trichloroethene	0.528	0.424	0.403	0.397	0.387	0.380	0.408	11.50
45)	T	1,2-dichloropro		0.411	0.363	0.337	0.337	0.336	0.346	8.32
46)	T	Bromodichlorome		0.708	0.658	0.622	0.633	0.611	0.638	4.99
47)	T	cis-1,3-dichlor		0.582	0.499	0.461	0.450	0.437	0.469	10.65
48)	T	trans-1,3-dichl		0.499	0.460	0.434	0.417	0.415	0.428	8.20
49)	T	1,1,2-trichloro		0.464	0.421	0.368	0.357	0.336	0.362	14.97
50)	I	Chlorobenzene-d5	----------ISTD----------							
51)	T	Toluene		0.672	0.630	0.617	0.655	0.645	0.669	6.14

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report MSD #1

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 10:59:01 2016
Response via : Initial Calibration

Calibration Files
0.04 =AN020412.D 0.15 =AN020410.D 0.30 =AN020409.D
0.50 =AN020408.D 0.75 =AN020407.D 1.0 =AN020406.D

		Compound	0.04	0.15	0.30	0.50	0.75	1.0	Avg	%RSD
52)	T	Methyl Isobutyl		1.054	0.836	0.798	0.850	0.874	0.938	11.68
53)	T	Dibromochlorome		0.754	0.659	0.683	0.738	0.688	0.723	6.19
54)	T	Methyl Butyl Ke		1.084	0.956	0.907	0.860	0.772	0.917	10.35
55)	T	1,2-dibromoetha		0.848	0.733	0.736	0.791	0.786	0.788	5.06
56)	T	Tetrachloroethy		0.476	0.440	0.421	0.474	0.484	0.472	6.10
57)	T	Chlorobenzene		1.085	0.986	0.983	0.965	0.939	0.958	6.61
58)	T	1,1,1,2-tetrach		0.570	0.528	0.520	0.510	0.505	0.510	5.90
59)	T	Ethylbenzene		1.627	1.487	1.507	1.504	1.477	1.472	5.87
60)	T	m&p-xylene		1.148	1.051	1.144	1.129	1.125	1.127	3.85
61)	T	Nonane		0.879	0.754	0.807	0.863	0.881	0.916	13.46
62)	T	Styrene		0.800	0.754	0.818	0.851	0.866	0.869	9.27
63)	T	Bromoform		0.682	0.624	0.650	0.678	0.692	0.680	4.81
64)	T	o-xylene		1.260	1.200	1.315	1.276	1.312	1.298	5.63
65)	T	Cumene		1.555	1.334	1.476	1.480	1.534	1.598	11.77
66)	S	Bromofluorobenz	0.589	0.595	0.593	0.631	0.683	0.727	0.681	11.88
67)	T	1,1,2,2-tetrach		1.155	1.009	1.065	1.136	1.104	1.163	9.20
68)	T	Propylbenzene		1.640	1.721	1.725	1.924	1.761	1.894	11.89
69)	T	2-Chlorotoluene		1.338	1.147	1.258	1.335	1.259	1.291	6.06
70)	T	4-ethyltoluene		1.306	1.228	1.327	1.380	1.441	1.462	12.68
71)	T	1,3,5-trimethyl		1.333	1.240	1.356	1.366	1.366	1.426	9.67
72)	T	1,2,4-trimethyl		1.045	0.991	1.067	1.217	1.197	1.226	15.25
73)	T	1,3-dichloroben		0.744	0.724	0.781	0.889	0.890	0.886	14.53
74)	T	benzyl chloride		0.730	0.812	0.768	0.776	0.848	0.837	9.50
75)	T	1,4-dichloroben		0.703	0.675	0.759	0.852	0.853	0.854	16.04
76)	T	1,2,3-trimethyl		1.228	1.022	1.137	1.377	1.347	1.353	15.90
77)	T	1,2-dichloroben		0.796	0.743	0.814	0.915	0.903	0.908	13.02
78)	T	1,2,4-trichloro		0.403	0.399	0.447	0.466	0.486	0.493	19.25
79)	T	Naphthalene		1.186	1.118	1.119	1.214	1.276	1.286	16.24
80)	T	Hexachloro-1,3-		0.860	0.785	0.858	0.995	1.082	1.029	17.59

(#) = Out of Range ### Number of calibration levels exceeded format ###

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020403.D Vial: 1
Acq On : 4 Feb 2016 10:07 am Operator: RJP
Sample : A1UG_2.0 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 04 13:34:11 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.82	128	25725	1.00	ppb		0.00
35) 1,4-difluorobenzene	12.08	114	109784	1.00	ppb		0.00
50) Chlorobenzene-d5	16.58	117	66969	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.15	95	51435	1.06	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 106.00%				
Target Compounds							Qvalue
2) Propylene	4.15	41	54355	1.82	ppb	#	100
3) Freon 12	4.20	85	214086	1.92	ppb		100
4) Chloromethane	4.40	50	57015m	1.65	ppb		
5) Freon 114	4.40	85	173667	1.72	ppb		97
6) Vinyl Chloride	4.60	62	46314	1.77	ppb		90
7) Butane	4.69	43	58706m	1.72	ppb		
8) 1,3-butadiene	4.70	39	41206	1.80	ppb		90
9) Bromomethane	5.05	94	57305	1.97	ppb		95
10) Chloroethane	5.22	64	20198	1.93	ppb		92
11) Ethanol	5.37	45	14783	2.24	ppb		90
12) Acrolein	5.94	56	15883	2.02	ppb		80
13) Vinyl Bromide	5.55	106	59264	1.95	ppb		97
14) Freon 11	5.82	101	217848	1.95	ppb		99
15) Acetone	6.05	58	20632	2.12	ppb	#	82
16) Pentane	6.09	42	41609	1.98	ppb		98
17) Isopropyl alcohol	6.16	45	58615	2.05	ppb	#	46
18) 1,1-dichloroethene	6.58	96	56386	1.92	ppb		93
19) Freon 113	6.77	101	137299	1.96	ppb		96
20) t-Butyl alcohol	6.89	59	109152	2.32	ppb		95
21) Methylene chloride	7.06	84	69901	1.96	ppb	#	82
22) Allyl chloride	7.03	41	82854	1.99	ppb	#	56
23) Carbon disulfide	7.21	76	202938	1.94	ppb		100
24) trans-1,2-dichloroethene	7.99	61	103575	2.08	ppb		94
25) methyl tert-butyl ether	8.03	73	184249	1.97	ppb		93
26) 1,1-dichloroethane	8.42	63	140177	1.99	ppb		99
27) Vinyl acetate	8.43	43	171646	2.19	ppb		99
28) Methyl Ethyl Ketone	8.95	72	35285	2.23	ppb	#	100
29) cis-1,2-dichloroethene	9.36	61	94640	2.08	ppb		96
30) Hexane	8.92	57	113064	2.03	ppb		89
31) Ethyl acetate	9.54	43	157070	2.19	ppb		96
32) Chloroform	9.97	83	163443	2.00	ppb		100
33) Tetrahydrofuran	10.18	42	72995	2.01	ppb		97
34) 1,2-dichloroethane	11.10	62	96509	2.05	ppb		89
36) 1,1,1-trichloroethane	10.78	97	151479	1.98	ppb		100
37) Cyclohexane	11.47	56	103809	2.01	ppb		93
38) Carbon tetrachloride	11.42	117	150645	2.02	ppb		97
39) Benzene	11.40	78	191327	2.03	ppb		97
40) Methyl methacrylate	12.94	41	84482	2.22	ppb		91
41) 1,4-dioxane	13.00	88	40851	2.31	ppb		97
42) 2,2,4-trimethylpentane	12.21	57	347960	2.01	ppb		95
43) Heptane	12.55	43	107397	2.12	ppb		98
44) Trichloroethene	12.70	130	84775	2.03	ppb		99
45) 1,2-dichloropropane	12.82	63	72676	1.96	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020403.D Vial: 1
Acq On : 4 Feb 2016 10:07 am Operator: RJP
Sample : A1UG_2.0 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 04 13:34:11 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46)	Bromodichloromethane	13.14	83	138917	2.06	ppb	99
47)	cis-1,3-dichloropropene	13.91	75	99450	2.07	ppb	99
48)	trans-1,3-dichloropropene	14.65	75	87931	1.92	ppb	93
49)	1,1,2-trichloroethane	14.95	97	69599	1.88	ppb	98
51)	Toluene	14.70	92	99193	2.31	ppb	96
52)	Methyl Isobutyl Ketone	13.85	43	143403m	2.47	ppb	
53)	Dibromochloromethane	15.62	129	104629m	2.42	ppb	
54)	Methyl Butyl Ketone	15.12	43	133349	2.60	ppb	96
55)	1,2-dibromoethane	15.87	107	109884	2.10	ppb	98
56)	Tetrachloroethylene	15.68	164	67971	2.11	ppb	98
57)	Chlorobenzene	16.63	112	121339	1.94	ppb	88
58)	1,1,1,2-tetrachloroethane	16.73	131	63884	1.90	ppb	94
59)	Ethylbenzene	16.87	91	177645	1.79	ppb	97
60)	m&p-xylene	17.06	91	288396	3.85	ppb	95
61)	Nonane	17.40	43	149872	2.56	ppb	95
62)	Styrene	17.49	104	126724	2.20	ppb	83
63)	Bromoform	17.61	173	90468	1.97	ppb	100
64)	o-xylene	17.51	91	165122	1.89	ppb	92
65)	Cumene	18.04	105	247879	2.43	ppb	98
67)	1,1,2,2-tetrachloroethane	17.95	83	176998	2.41	ppb	97
68)	Propylbenzene	18.56	91	309412m	2.47	ppb	
69)	2-Chlorotoluene	18.61	91	168440m	2.04	ppb	
70)	4-ethyltoluene	18.72	105	230180m	2.47	ppb	
71)	1,3,5-trimethylbenzene	18.78	105	215127m	2.34	ppb	
72)	1,2,4-trimethylbenzene	19.21	105	198632	2.49	ppb	96
73)	1,3-dichlorobenzene	19.51	146	143470	2.42	ppb	97
74)	benzyl chloride	19.58	91	120866m	2.13	ppb	
75)	1,4-dichlorobenzene	19.64	146	141880	2.50	ppb	97
76)	1,2,3-trimethylbenzene	19.67	105	220297	2.46	ppb	94
77)	1,2-dichlorobenzene	19.96	146	144217	2.40	ppb	95
78)	1,2,4-trichlorobenzene	21.81	180	93099m	3.28	ppb	
79)	Naphthalene	22.00	128	236493m	3.44	ppb	
80)	Hexachloro-1,3-butadiene	22.09	225	168491	2.34	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

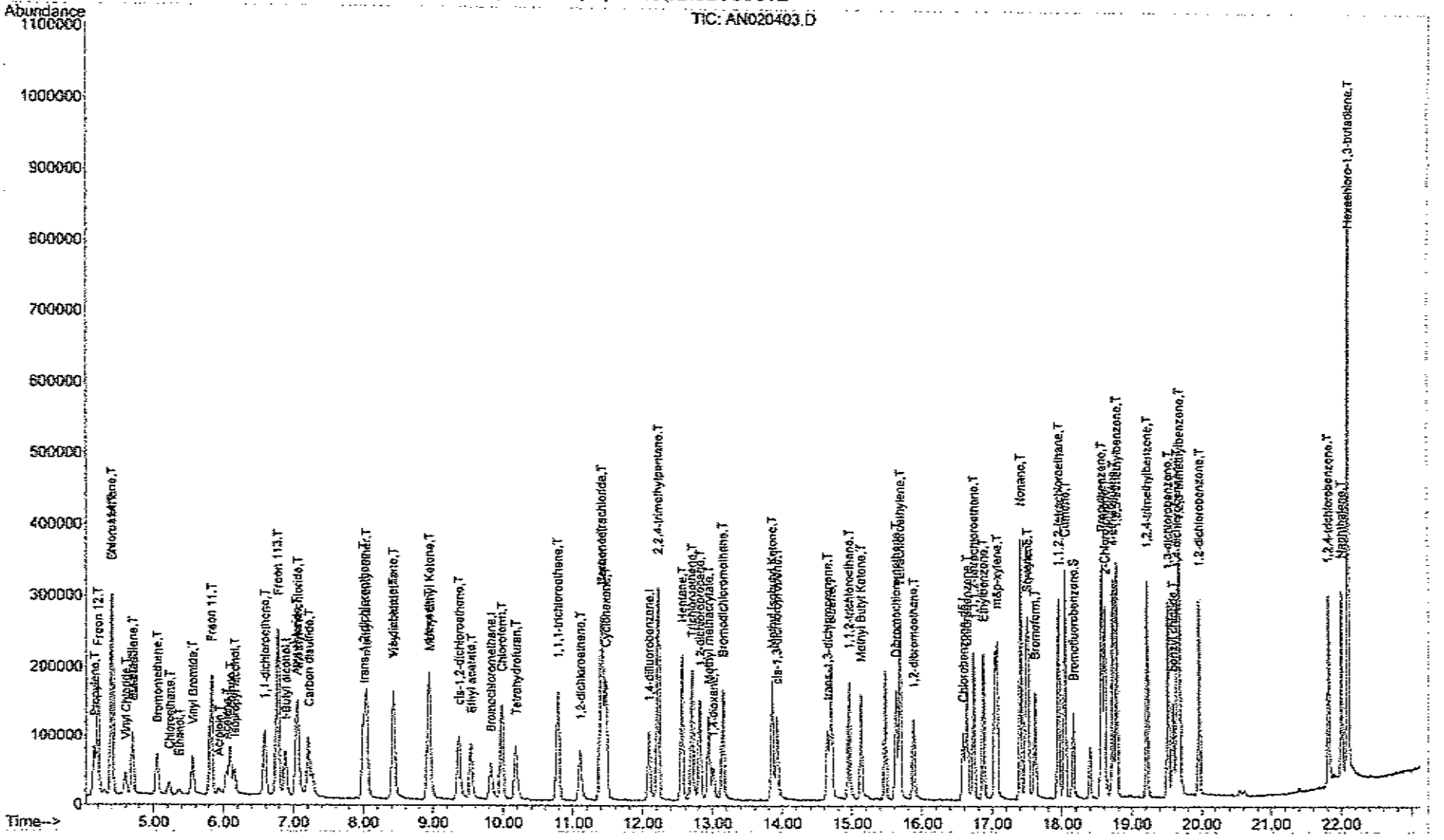
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020403.D
Acq On : 4 Feb 2016 10:07 am
Sample : A1UG_2.0
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 4 13:36 2016

Vial: 1
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 10:59:01 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D



Centek Laboratories, LLC

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020404.D Vial: 2
Acq On : 4 Feb 2016 10:47 am Operator: RJP
Sample : A1UG_1.5 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 04 13:34:32 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.83	128	25619	1.00	ppb		0.00
35) 1,4-difluorobenzene	12.08	114	111964	1.00	ppb		0.00
50) Chlorobenzene-d5	16.58	117	71216	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.16	95	55453	1.08	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 108.00%				
Target Compounds							Qvalue
2) Propylene	4.16	41	41077	1.38	ppb	#	100
3) Freon 12	4.21	85	164266	1.48	ppb		100
4) Chloromethane	4.41	50	43938	1.28	ppb		92
5) Freon 114	4.41	85	136621	1.36	ppb		96
6) Vinyl Chloride	4.60	62	36670	1.41	ppb		88
7) Butane	4.71	43	46527m	1.37	ppb		
8) 1,3-butadiene	4.70	39	32116	1.41	ppb		86
9) Bromomethane	5.06	94	43286	1.49	ppb		94
10) Chloroethane	5.22	64	15836	1.52	ppb		100
11) Ethanol	5.39	45	8629m	1.31	ppb		
12) Acrolein	5.94	56	11146m	1.42	ppb		
13) Vinyl Bromide	5.56	106	44648	1.47	ppb		97
14) Freon 11	5.83	101	164487	1.48	ppb		98
15) Acetone	6.06	58	15493	1.60	ppb	#	76
16) Pentane	6.09	42	31060	1.48	ppb		96
17) Isopropyl alcohol	6.18	45	44554	1.57	ppb	#	46
18) 1,1-dichloroethene	6.59	96	42205	1.44	ppb		92
19) Freon 113	6.77	101	103022	1.47	ppb		95
20) t-Butyl alcohol	6.90	59	99143m	2.11	ppb		
21) Methylene chloride	7.06	84	52412	1.47	ppb	#	81
22) Allyl chloride	7.04	41	62295	1.50	ppb	#	57
23) Carbon disulfide	7.21	76	154911	1.49	ppb		99
24) trans-1,2-dichloroethene	8.00	61	76817	1.55	ppb		94
25) methyl tert-butyl ether	8.05	73	136928	1.47	ppb		92
26) 1,1-dichloroethane	8.43	63	105650	1.51	ppb		100
27) Vinyl acetate	8.44	43	126890	1.63	ppb		99
28) Methyl Ethyl Ketone	8.97	72	25587	1.62	ppb	#	100
29) cis-1,2-dichloroethene	9.36	61	70974	1.56	ppb		97
30) Hexane	8.93	57	83349	1.50	ppb		92
31) Ethyl acetate	9.55	43	112948	1.58	ppb		95
32) Chloroform	9.98	83	122324	1.50	ppb		98
33) Tetrahydrofuran	10.19	42	56390	1.56	ppb		98
34) 1,2-dichloroethane	11.10	62	71300	1.52	ppb		89
36) 1,1,1-trichloroethane	10.78	97	114442	1.46	ppb		97
37) Cyclohexane	11.47	56	76514	1.45	ppb		94
38) Carbon tetrachloride	11.42	117	111702	1.47	ppb		96
39) Benzene	11.40	78	142575	1.48	ppb		97
40) Methyl methacrylate	12.94	41	60646	1.57	ppb		90
41) 1,4-dioxane	13.02	88	29570	1.64	ppb		98
42) 2,2,4-trimethylpentane	12.21	57	262348	1.48	ppb		95
43) Heptane	12.55	43	81022	1.57	ppb		99
44) Trichloroethene	12.70	130	63699	1.49	ppb		100
45) 1,2-dichloropropane	12.82	63	53821	1.42	ppb		98

(#) = qualifier out of range (m) = manual integration
AN020404.D A204_1UG.M Thu Mar 03 11:05:20 2016 MSD1 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020404.D Vial: 2
Acq On : 4 Feb 2016 10:47 am Operator: RJP
Sample : A1UG_1.5 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 04 13:34:32 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46)	Bromodichloromethane	13.14	83	102809	1.49	ppb	100
47)	cis-1,3-dichloropropene	13.92	75	72559	1.48	ppb	99
48)	trans-1,3-dichloropropene	14.65	75	66433	1.42	ppb	95
49)	1,1,2-trichloroethane	14.95	97	53253	1.41	ppb	98
51)	Toluene	14.70	92	73479	1.61	ppb	95
52)	Methyl Isobutyl Ketone	13.85	43	106161	1.72	ppb	96
53)	Dibromochloromethane	15.63	129	75486m	1.64	ppb	
54)	Methyl Butyl Ketone	15.13	43	92185	1.69	ppb	96
55)	1,2-dibromoethane	15.87	107	83082	1.49	ppb	96
56)	Tetrachloroethylene	15.68	164	50720	1.48	ppb	99
57)	Chlorobenzene	16.63	112	94306	1.42	ppb	88
58)	1,1,1,2-tetrachloroethane	16.73	131	51392	1.44	ppb	93
59)	Ethylbenzene	16.87	91	152389	1.45	ppb	98
60)	m&p-xylene	17.07	91	253186	3.18	ppb	95
61)	Nonane	17.40	43	112368	1.80	ppb	95
62)	Styrene	17.49	104	106038	1.73	ppb	84
63)	Bromoform	17.61	173	77516	1.58	ppb	98
64)	o-xylene	17.51	91	152890	1.65	ppb	95
65)	Cumene	18.04	105	199175	1.83	ppb	99
67)	1,1,2,2-tetrachloroethane	17.98	83	135001	1.73	ppb	99
68)	Propylbenzene	18.56	91	219322m	1.64	ppb	
69)	2-Chlorotoluene	18.60	91	150436m	1.71	ppb	
70)	4-ethyltoluene	18.72	105	178826m	1.80	ppb	
71)	1,3,5-trimethylbenzene	18.78	105	171651m	1.76	ppb	
72)	1,2,4-trimethylbenzene	19.21	105	152618	1.80	ppb	96
73)	1,3-dichlorobenzene	19.51	146	105440	1.68	ppb	98
74)	benzyl chloride	19.58	91	96195	1.59	ppb	97
75)	1,4-dichlorobenzene	19.64	146	101532	1.68	ppb	97
76)	1,2,3-trimethylbenzene	19.67	105	165179	1.73	ppb	95
77)	1,2-dichlorobenzene	19.96	146	106684	1.67	ppb	97
78)	1,2,4-trichlorobenzene	21.80	180	54304m	1.80	ppb	
79)	Naphthalene	22.00	128	135513m	1.86	ppb	
80)	Hexachloro-1,3-butadiene	22.09	225	126766	1.66	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

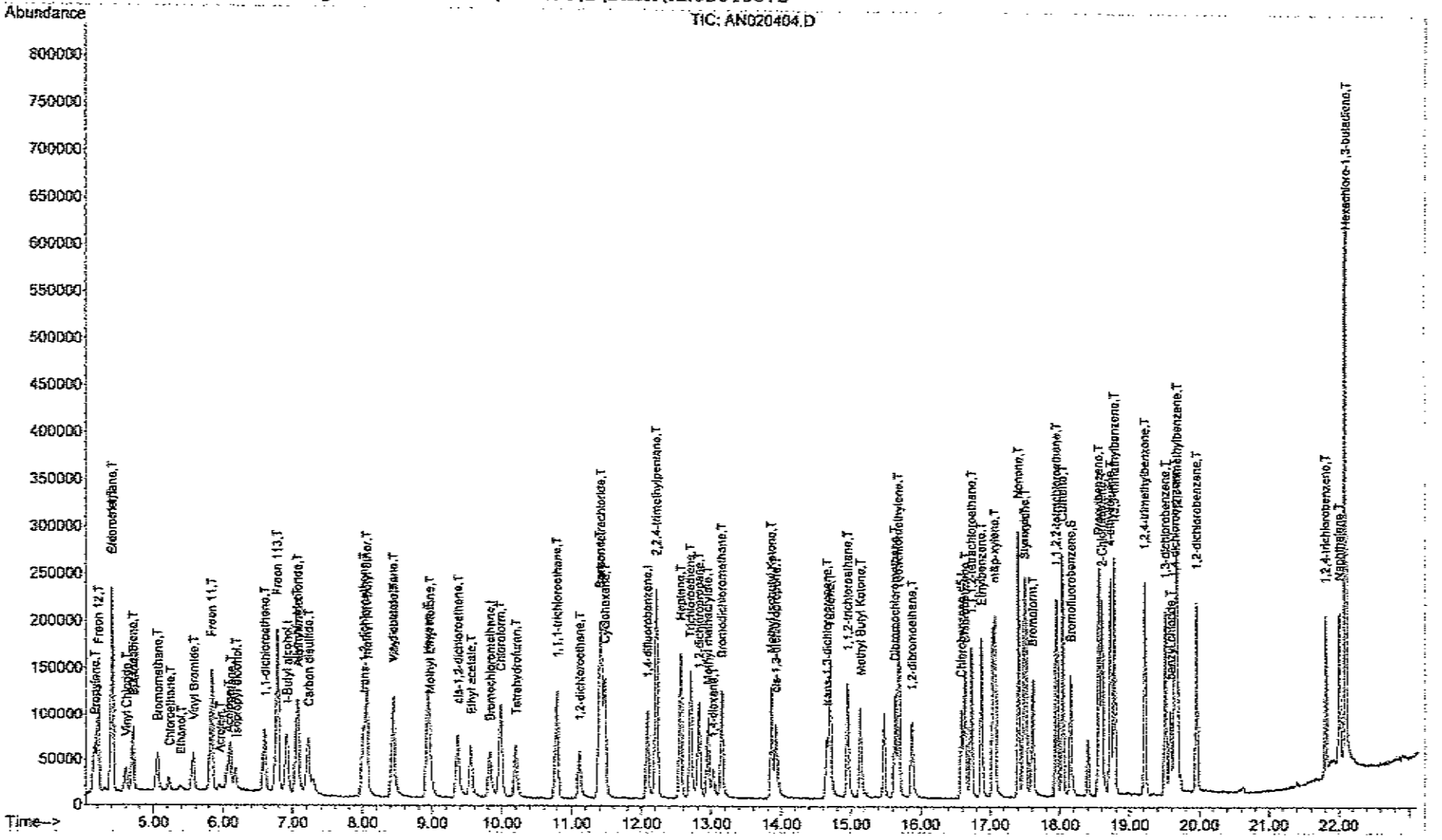
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020404.D
Acq On : 4 Feb 2016 10:47 am
Sample : A1UG_1.5
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 4 13:38 2016

Vial: 2
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RBS

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 10:59:01 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D



AN020404.D A204_1UG.M Thu Mar 03 11:05:22 2016 MSD1

Centek Laboratories, LLC

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020405.D Vial: 3
Acq On : 4 Feb 2016 11:26 am Operator: RJP
Sample : A1UG_1.25 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 04 13:34:53 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.83	128	26324	1.00	ppb		0.00
35) 1,4-difluorobenzene	12.08	114	111434	1.00	ppb		0.00
50) Chlorobenzene-d5	16.58	117	69981	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.16	95	53484	1.06	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 106.00%				
Target Compounds							Qvalue
2) Propylene	4.15	41	34584	1.13	ppb	#	100
3) Freon 12	4.21	85	140275	1.23	ppb		99
4) Chloromethane	4.42	50	41090m	1.16	ppb		
5) Freon 114	4.41	85	116513	1.13	ppb		96
6) Vinyl Chloride	4.61	62	31717	1.19	ppb		88
7) Butane	4.70	43	34808	1.00	ppb		95
8) 1,3-butadiene	4.71	39	27733	1.18	ppb		95
9) Bromomethane	5.05	94	35650	1.20	ppb		90
10) Chloroethane	5.23	64	13134	1.23	ppb		96
11) Ethanol	5.40	45	8836m	1.31	ppb		
12) Acrolein	5.96	56	9117m	1.13	ppb		
13) Vinyl Bromide	5.56	106	37291	1.20	ppb		95
14) Freon 11	5.83	101	138449	1.21	ppb		98
15) Acetone	6.07	58	12981	1.31	ppb	#	85
16) Pentane	6.10	42	25759	1.20	ppb		94
17) Isopropyl alcohol	6.18	45	39515	1.35	ppb	#	46
18) 1,1-dichloroethene	6.60	96	35679	1.18	ppb		95
19) Freon 113	6.78	101	86509	1.21	ppb		96
20) t-Butyl alcohol	6.91	59	85975m	1.78	ppb		
21) Methylene chloride	7.07	84	44568	1.22	ppb	#	81
22) Allyl chloride	7.05	41	56461m	1.33	ppb		
23) Carbon disulfide	7.22	76	130146	1.21	ppb		96
24) trans-1,2-dichloroethene	8.00	61	64912	1.28	ppb		95
25) methyl tert-butyl ether	8.05	73	118944	1.25	ppb		92
26) 1,1-dichloroethane	8.42	63	88586	1.23	ppb		97
27) Vinyl acetate	8.44	43	106949	1.34	ppb		99
28) Methyl Ethyl Ketone	8.97	72	21293	1.31	ppb	#	100
29) cis-1,2-dichloroethene	9.36	61	58105	1.25	ppb		94
30) Hexane	8.93	57	69360	1.22	ppb		93
31) Ethyl acetate	9.56	43	97081	1.32	ppb		95
32) Chloroform	9.98	83	102331	1.22	ppb		98
33) Tetrahydrofuran	10.20	42	46768	1.26	ppb		98
34) 1,2-dichloroethane	11.10	62	59902	1.25	ppb		90
36) 1,1,1-trichloroethane	10.78	97	96188	1.24	ppb		98
37) Cyclohexane	11.47	56	63939	1.22	ppb		94
38) Carbon tetrachloride	11.41	117	93690	1.24	ppb		97
39) Benzene	11.40	78	120193	1.25	ppb		98
40) Methyl methacrylate	12.94	41	49277	1.28	ppb		90
41) 1,4-dioxane	13.02	88	23753	1.32	ppb		99
42) 2,2,4-trimethylpentane	12.22	57	220839	1.26	ppb		95
43) Heptane	12.55	43	68809	1.34	ppb		98
44) Trichloroethene	12.70	130	54359	1.28	ppb		98
45) 1,2-dichloropropane	12.82	63	46292	1.23	ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020405.D Vial: 3
Acq On : 4 Feb 2016 11:26 am Operator: RJP
Sample : A1UG_1.25 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 04 13:34:53 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46)	Bromodichloromethane	13.15	83	87483	1.28	ppb	99
47)	cis-1,3-dichloropropene	13.92	75	61393	1.26	ppb	98
48)	trans-1,3-dichloropropene	14.65	75	56502	1.21	ppb	92
49)	1,1,2-trichloroethane	14.95	97	44187	1.17	ppb	96
51)	Toluene	14.70	92	61709	1.38	ppb	96
52)	Methyl Isobutyl Ketone	13.86	43	90019	1.49	ppb	96
53)	Dibromochloromethane	15.62	129	67440m	1.49	ppb	
54)	Methyl Butyl Ketone	15.13	43	78702	1.47	ppb	95
55)	1,2-dibromoethane	15.87	107	70954	1.30	ppb	97
56)	Tetrachloroethylene	15.68	164	43712	1.30	ppb	99
57)	Chlorobenzene	16.63	112	80187	1.23	ppb	86
58)	1,1,1,2-tetrachloroethane	16.73	131	43046	1.23	ppb	94
59)	Ethylbenzene	16.87	91	124572	1.20	ppb	98
60)	m&p-xylene	17.07	91	201992	2.58	ppb	96
61)	Nonane	17.40	43	84929	1.39	ppb	96
62)	Styrene	17.48	104	80992	1.35	ppb	85
63)	Bromoform	17.61	173	62564	1.30	ppb	98
64)	o-xylene	17.51	91	118694	1.30	ppb	95
65)	Cumene	18.04	105	147980	1.39	ppb	99
67)	1,1,2,2-tetrachloroethane	17.95	83	109204	1.42	ppb	98
68)	Propylbenzene	18.56	91	176331m	1.35	ppb	
69)	2-Chlorotoluene	18.60	91	115791m	1.34	ppb	
70)	4-ethyltoluene	18.72	105	141894m	1.45	ppb	
71)	1,3,5-trimethylbenzene	18.78	105	134551m	1.40	ppb	
72)	1,2,4-trimethylbenzene	19.21	105	120559	1.45	ppb	91
73)	1,3-dichlorobenzene	19.51	146	87962	1.42	ppb	96
74)	benzyl chloride	19.58	91	83998	1.42	ppb	99
75)	1,4-dichlorobenzene	19.64	146	85809	1.45	ppb	96
76)	1,2,3-trimethylbenzene	19.67	105	133254	1.42	ppb	96
77)	1,2-dichlorobenzene	19.96	146	89087	1.42	ppb	97
78)	1,2,4-trichlorobenzene	21.81	180	47116m	1.59	ppb	
79)	Naphthalene	22.00	128	117672m	1.64	ppb	
80)	Hexachloro-1,3-butadiene	22.08	225	105269	1.40	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
AN020405.D A204_1UG.M Thu Mar 03 11:05:25 2016 MSD1 Page 2

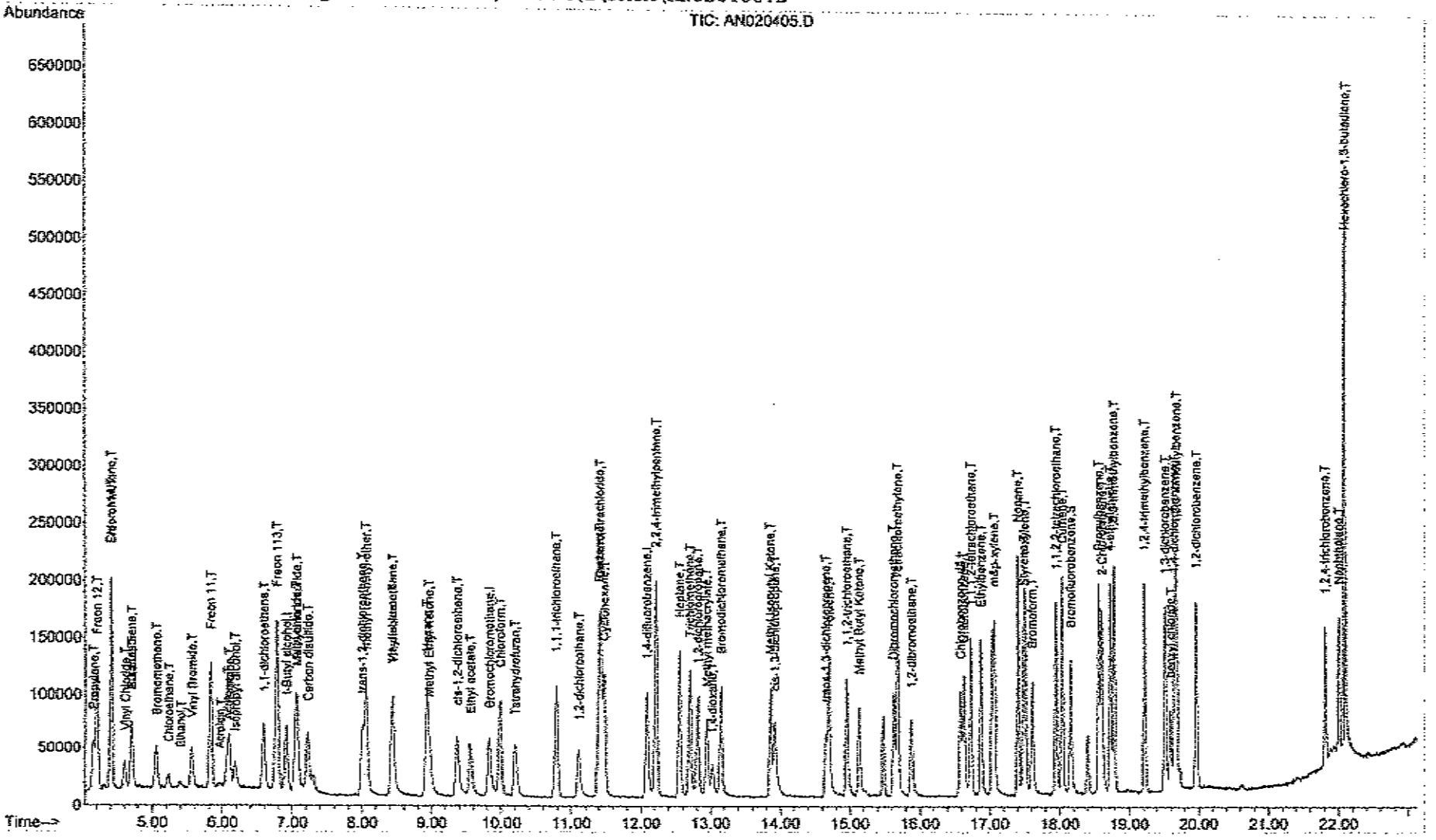
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020405.D
Acq On : 4 Feb 2016 11:26 am
Sample : A1UG_1.25
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 4 13:58 2016

Vial: 3
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RBS

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 10:59:01 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D



Centek Laboratories, LLC

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020406.D Vial: 4
Acq On : 4 Feb 2016 12:05 pm Operator: RJP
Sample : A1UG_1.0 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 04 13:33:52 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.82	128	25913	1.00	ppb		0.00
35) 1,4-difluorobenzene	12.09	114	112188	1.00	ppb		0.00
50) Chlorobenzene-d5	16.59	117	75689	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.16	95	55017	1.01	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 101.00%				
Target Compounds							Qvalue
2) Propylene	4.16	41	30053	1.00	ppb	#	100
3) Freon 12	4.21	85	112233	1.00	ppb		99
4) Chloromethane	4.41	50	35183	1.01	ppb		95
5) Freon 114	4.41	85	101648	1.00	ppb		92
6) Vinyl Chloride	4.60	62	26348	1.00	ppb		91
7) Butane	4.70	43	34440	1.00	ppb	#	88
8) 1,3-butadiene	4.71	39	23582	1.02	ppb		95
9) Bromomethane	5.05	94	29345	1.00	ppb		90
10) Chloroethane	5.23	64	10515	1.00	ppb		94
11) Ethanol	5.40	45	6639	1.00	ppb		76
12) Acrolein	5.97	56	7595m	0.96	ppb		
13) Vinyl Bromide	5.57	106	30802	1.00	ppb		99
14) Freon 11	5.83	101	112138	1.00	ppb		98
15) Acetone	6.07	58	10173	1.04	ppb	#	89
16) Pentane	6.10	42	21263	1.00	ppb		96
17) Isopropyl alcohol	6.18	45	29029	1.01	ppb	#	46
18) 1,1-dichloroethene	6.59	96	29648	1.00	ppb		92
19) Freon 113	6.78	101	70489	1.00	ppb		97
20) t-Butyl alcohol	6.91	59	47567	1.00	ppb	#	91
21) Methylene chloride	7.07	84	36088	1.00	ppb	#	83
22) Allyl chloride	7.05	41	43209m	1.03	ppb		
23) Carbon disulfide	7.21	76	105221	1.00	ppb		98
24) trans-1,2-dichloroethene	8.00	61	50102	1.00	ppb		91
25) methyl tert-butyl ether	8.05	73	93479	0.99	ppb		89
26) 1,1-dichloroethane	8.43	63	70920	1.00	ppb		99
27) Vinyl acetate	8.44	43	80424	1.02	ppb		99
28) Methyl Ethyl Ketone	8.98	72	16206	1.02	ppb	#	100
29) cis-1,2-dichloroethene	9.37	61	46323	1.01	ppb		96
30) Hexane	8.93	57	56016	1.00	ppb		91
31) Ethyl acetate	9.56	43	72985	1.01	ppb		93
32) Chloroform	9.98	83	82448	1.00	ppb		99
33) Tetrahydrofuran	10.20	42	36744	1.00	ppb		96
34) 1,2-dichloroethane	11.10	62	47453	1.00	ppb		89
36) 1,1,1-trichloroethane	10.78	97	78158	1.00	ppb		98
37) Cyclohexane	11.47	56	52629	1.00	ppb		93
38) Carbon tetrachloride	11.42	117	76208	1.00	ppb		99
39) Benzene	11.40	78	96276	1.00	ppb		98
40) Methyl methacrylate	12.95	41	38699	1.00	ppb		91
41) 1,4-dioxane	13.03	88	18085	1.00	ppb		95
42) 2,2,4-trimethylpentane	12.21	57	176835	1.00	ppb		95
43) Heptane	12.55	43	51824	1.00	ppb		97
44) Trichloroethene	12.70	130	42641	1.00	ppb		100
45) 1,2-dichloropropane	12.82	63	37728	1.00	ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020406.D Vial: 4
Acq On : 4 Feb 2016 12:05 pm Operator: RJP
Sample : A1UG_1.0 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 04 13:33:52 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
46)	Bromodichloromethane	13.14	83	68586	0.99	ppb		99
47)	cis-1,3-dichloropropene	13.92	75	49040	1.00	ppb		98
48)	trans-1,3-dichloropropene	14.65	75	46601	0.99	ppb		94
49)	1,1,2-trichloroethane	14.95	97	37716	0.99	ppb		97
51)	Toluene	14.70	92	48809	1.01	ppb		91
52)	Methyl Isobutyl Ketone	13.86	43	66177	1.01	ppb		96
53)	Dibromochloromethane	15.62	129	52048m	1.06	ppb		
54)	Methyl Butyl Ketone	15.14	43	58459	1.01	ppb		95
55)	1,2-dibromoethane	15.88	107	59489	1.01	ppb		98
56)	Tetrachloroethylene	15.68	164	36612	1.01	ppb		95
57)	Chlorobenzene	16.63	112	71051	1.01	ppb		90
58)	1,1,1,2-tetrachloroethane	16.73	131	38194	1.01	ppb	#	91
59)	Ethylbenzene	16.87	91	111762	1.00	ppb		99
60)	m&p-xylene	17.06	91	170289	2.01	ppb		95
61)	Nonane	17.40	43	66712	1.01	ppb		93
62)	Styrene	17.49	104	65537	1.01	ppb		85
63)	Bromoform	17.61	173	52343	1.01	ppb		99
64)	o-xylene	17.51	91	99274	1.01	ppb		93
65)	Cumene	18.04	105	116116	1.01	ppb		99
67)	1,1,2,2-tetrachloroethane	17.95	83	83523	1.01	ppb		98
68)	Propylbenzene	18.56	91	133269m	0.94	ppb		
69)	2-Chlorotoluene	18.60	91	95281m	1.02	ppb		
70)	4-ethyltoluene	18.72	105	109087m	1.03	ppb		
71)	1,3,5-trimethylbenzene	18.78	105	103365m	1.00	ppb		
72)	1,2,4-trimethylbenzene	19.22	105	90632	1.01	ppb		93
73)	1,3-dichlorobenzene	19.51	146	67332	1.01	ppb		96
74)	benzyl chloride	19.58	91	64219	1.00	ppb		99
75)	1,4-dichlorobenzene	19.64	146	64539	1.01	ppb		99
76)	1,2,3-trimethylbenzene	19.67	105	101954	1.01	ppb		92
77)	1,2-dichlorobenzene	19.96	146	68342	1.01	ppb		97
78)	1,2,4-trichlorobenzene	21.80	180	36792	1.15	ppb		97
79)	Naphthalene	22.00	128	96563	1.24	ppb		95
80)	Hexachloro-1,3-butadiene	22.08	225	81923	1.01	ppb		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

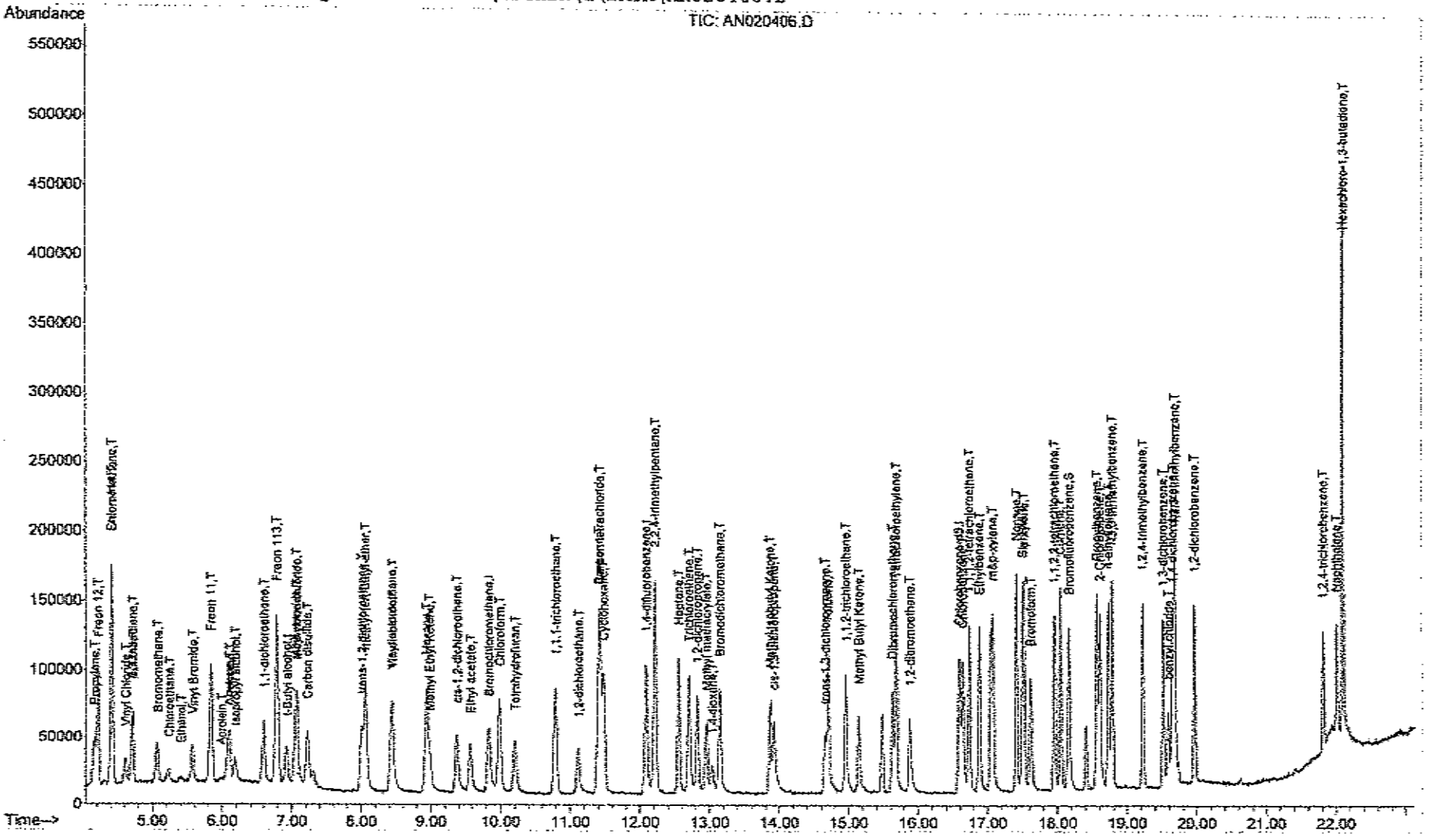
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020406.D
Acq On : 4 Feb 2016 12:05 pm
Sample : A1UG_1.0
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 4 13:59 2016

Vial: 4
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 10:59:01 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D



AN020406.D A204_1UG.M Thu Mar 03 11:05:30 2016 MSD1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020407.D Vial: 5
Acq On : 4 Feb 2016 12:43 pm Operator: RJP
Sample : A1UG_0.75 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 04 13:35:11 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.83	128	26982	1.00	ppb		0.02
35) 1,4-difluorobenzene	12.08	114	114242	1.00	ppb		0.00
50) Chlorobenzene-d5	16.59	117	80035	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.15	95	54689	0.95	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 95.00%				
Target Compounds							Qvalue
2) Propylene	4.15	41	23136	0.74	ppb	#	100
3) Freon 12	4.21	85	85456	0.73	ppb		99
4) Chloromethane	4.41	50	22359	0.62	ppb		92
5) Freon 114	4.40	85	68001	0.64	ppb		96
6) Vinyl Chloride	4.60	62	18631	0.68	ppb		90
7) Butane	4.70	43	24926m	0.70	ppb		
8) 1,3-butadiene	4.71	39	17608	0.73	ppb		88
9) Bromomethane	5.05	94	21726	0.71	ppb		87
10) Chloroethane	5.22	64	8028m	0.73	ppb		
11) Ethanol	5.38	45	4680m	0.68	ppb		
12) Acrolein	5.96	56	6272m	0.76	ppb		
13) Vinyl Bromide	5.56	106	23589	0.74	ppb		95
14) Freon 11	5.82	101	84729	0.72	ppb		99
15) Acetone	6.06	58	7890	0.77	ppb	#	91
16) Pentane	6.09	42	15565	0.71	ppb		88
17) Isopropyl alcohol	6.17	45	22288	0.74	ppb	#	46
18) 1,1-dichloroethene	6.59	96	22401	0.73	ppb		90
19) Freon 113	6.77	101	53414	0.73	ppb		96
20) t-Butyl alcohol	6.90	59	35943	0.73	ppb	#	91
21) Methylene chloride	7.07	84	20841m	0.56	ppb		
22) Allyl chloride	7.04	41	20945m	0.48	ppb		
23) Carbon disulfide	7.22	76	79949	0.73	ppb		96
24) trans-1,2-dichloroethene	8.00	61	40462	0.78	ppb		94
25) methyl tert-butyl ether	8.05	73	71996	0.74	ppb		88
26) 1,1-dichloroethane	8.42	63	52496	0.71	ppb		96
27) Vinyl acetate	8.44	43	67210	0.82	ppb		98
28) Methyl Ethyl Ketone	8.97	72	12754	0.77	ppb	#	100
29) cis-1,2-dichloroethene	9.36	61	36772	0.77	ppb		95
30) Hexane	8.92	57	42670	0.73	ppb		95
31) Ethyl acetate	9.55	43	56480	0.75	ppb		92
32) Chloroform	9.98	83	64222	0.75	ppb		99
33) Tetrahydrofuran	10.19	42	29320	0.77	ppb		98
34) 1,2-dichloroethane	11.10	62	37962	0.77	ppb		88
36) 1,1,1-trichloroethane	10.78	97	59852	0.75	ppb		98
37) Cyclohexane	11.47	56	40954	0.76	ppb		92
38) Carbon tetrachloride	11.42	117	58308	0.75	ppb		99
39) Benzene	11.39	78	74517	0.76	ppb		98
40) Methyl methacrylate	12.95	41	29160	0.74	ppb		91
41) 1,4-dioxane	13.02	88	14453	0.78	ppb		100
42) 2,2,4-trimethylpentane	12.21	57	141487	0.78	ppb		95
43) Heptane	12.55	43	42536	0.81	ppb		98
44) Trichloroethene	12.70	130	33147	0.76	ppb		99
45) 1,2-dichloropropane	12.82	63	28861	0.75	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020407.D Vial: 5
Acq On : 4 Feb 2016 12:43 pm Operator: RJP
Sample : A1UG_0.75 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 04 13:35:11 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46)	Bromodichloromethane	13.14	83	54228	0.77	ppb	98
47)	cis-1,3-dichloropropene	13.92	75	38568	0.77	ppb	99
48)	trans-1,3-dichloropropene	14.65	75	35739	0.75	ppb	93
49)	1,1,2-trichloroethane	14.95	97	30575	0.79	ppb	99
51)	Toluene	14.70	92	39343	0.77	ppb	96
52)	Methyl Isobutyl Ketone	13.86	43	51046m	0.74	ppb	
53)	Dibromochloromethane	15.62	129	44291m	0.86	ppb	
54)	Methyl Butyl Ketone	15.13	43	51651	0.84	ppb	94
55)	1,2-dibromoethane	15.87	107	47510	0.76	ppb	95
56)	Tetrachloroethylene	15.68	164	28430	0.74	ppb	98
57)	Chlorobenzene	16.63	112	57897	0.78	ppb	91
58)	1,1,1,2-tetrachloroethane	16.73	131	30601	0.76	ppb	93
59)	Ethylbenzene	16.87	91	90267	0.76	ppb	96
60)	m&p-xylene	17.07	91	135493	1.51	ppb	95
61)	Nonane	17.40	43	51775	0.74	ppb	94
62)	Styrene	17.48	104	51058	0.74	ppb	86
63)	Bromoform	17.61	173	40693	0.74	ppb	98
64)	o-xylene	17.51	91	76617	0.73	ppb	92
65)	Cumene	18.04	105	88854	0.73	ppb	98
67)	1,1,2,2-tetrachloroethane	17.95	83	68207	0.78	ppb	98
68)	Propylbenzene	18.56	91	115515m	0.77	ppb	
69)	2-Chlorotoluene	18.60	91	80119m	0.81	ppb	
70)	4-ethyltoluene	18.72	105	82858m	0.74	ppb	
71)	1,3,5-trimethylbenzene	18.77	105	81985m	0.75	ppb	
72)	1,2,4-trimethylbenzene	19.21	105	73062	0.77	ppb	93
73)	1,3-dichlorobenzene	19.51	146	53345	0.75	ppb	98
74)	benzyl chloride	19.58	91	46554	0.69	ppb	98
75)	1,4-dichlorobenzene	19.64	146	51126	0.75	ppb	96
76)	1,2,3-trimethylbenzene	19.67	105	82651	0.77	ppb	96
77)	1,2-dichlorobenzene	19.95	146	54927	0.77	ppb	96
78)	1,2,4-trichlorobenzene	21.81	180	27970m	0.82	ppb	
79)	Naphthalene	22.00	128	72844m	0.99	ppb	
80)	Hexachloro-1,3-butadiene	22.08	225	59734	0.69	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

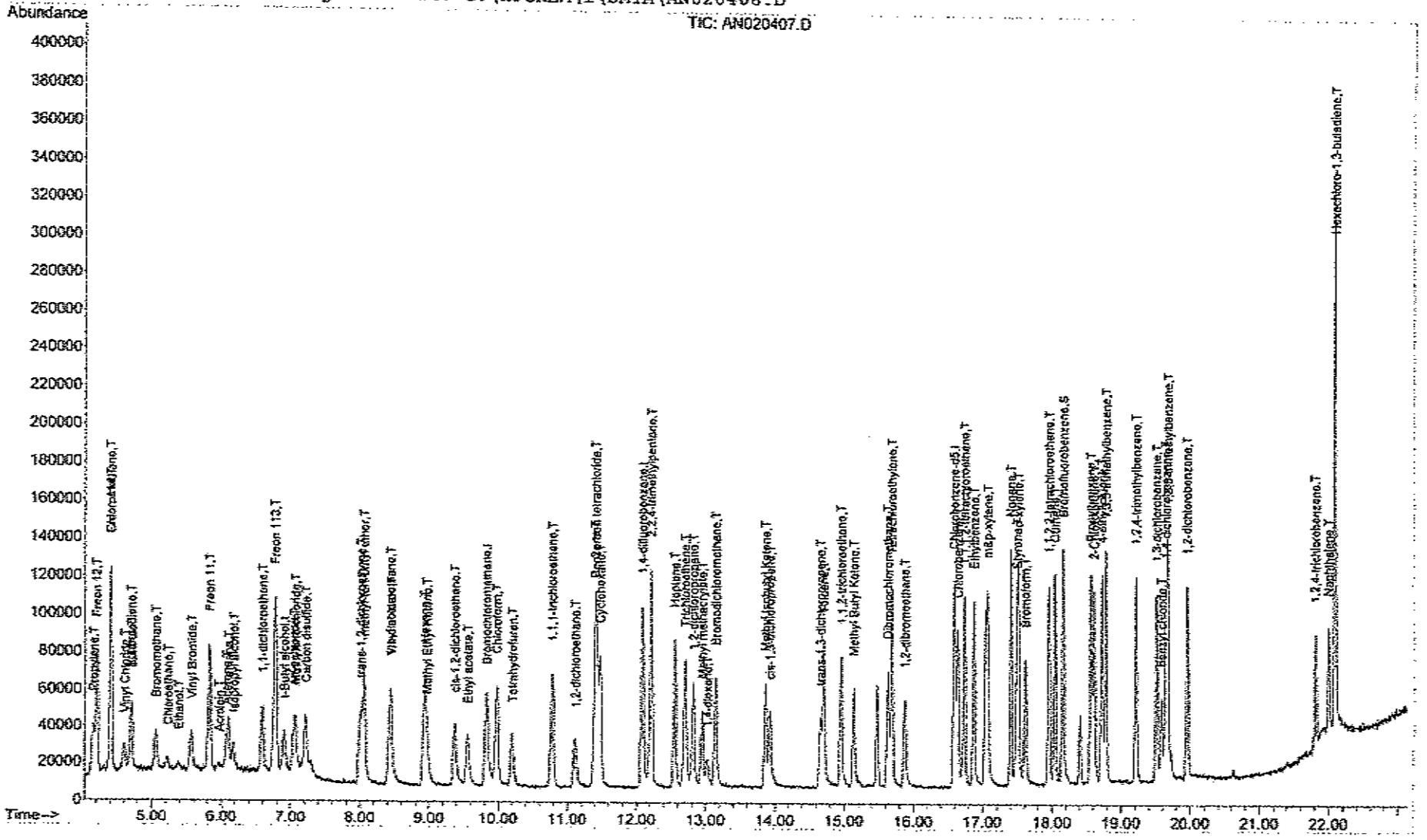
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020407.D
Acq On : 4 Feb 2016 12:43 pm
Sample : A1UG_0.75
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 4 14:00 2016

Vial: 5
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RBS

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 10:59:01 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D



AN020407.D A204_1UG.M Thu Mar 03 11:05:34 2016 MSD1

Centek Laboratories, LLC

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020408.D Vial: 6
Acq On : 4 Feb 2016 1:21 pm Operator: RJP
Sample : A1UG_0.50 Inst : MSD #1
Misc : A204_1UG MultiplIr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 04 14:01:05 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.83	128	25590	1.00	ppb		0.01
35) 1,4-difluorobenzene	12.09	114	115016	1.00	ppb		0.00
50) Chlorobenzene-d5	16.58	117	89341	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.15	95	56360	0.87	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 87.00%				
Target Compounds							Qvalue
2) Propylene	4.16	41	16867	0.57	ppb	#	100
3) Freon 12	4.21	85	56902	0.51	ppb		100
4) Chloromethane	4.41	50	17198	0.50	ppb		94
5) Freon 114	4.41	85	46881	0.47	ppb		95
6) Vinyl Chloride	4.60	62	12585	0.48	ppb		93
7) Butane	4.70	43	18272	0.54	ppb		91
8) 1,3-butadiene	4.71	39	11386	0.50	ppb		79
9) Bromomethane	5.06	94	16884	0.58	ppb		97
10) Chloroethane	5.22	64	5282	0.51	ppb	#	77
11) Ethanol	5.40	45	2846m	0.43	ppb		
12) Acrolein	5.98	56	4295m	0.55	ppb		
13) Vinyl Bromide	5.56	106	15526	0.51	ppb		96
14) Freon 11	5.82	101	55711	0.50	ppb		96
15) Acetone	6.08	58	5704	0.59	ppb	#	90
16) Pentane	6.11	42	11169	0.53	ppb		85
17) Isopropyl alcohol	6.19	45	14795	0.52	ppb	#	46
18) 1,1-dichloroethene	6.59	96	14486	0.49	ppb		91
19) Freon 113	6.77	101	36135	0.52	ppb		97
20) t-Butyl alcohol	6.92	59	24854	0.53	ppb	#	71
21) Methylene chloride	7.07	84	14101m	0.40	ppb		
22) Allyl chloride	7.05	41	14642m	0.35	ppb		
23) Carbon disulfide	7.22	76	42762	0.41	ppb		95
24) trans-1,2-dichloroethene	8.00	61	26352	0.53	ppb		93
25) methyl tert-butyl ether	8.06	73	46980	0.51	ppb		88
26) 1,1-dichloroethane	8.43	63	36223	0.52	ppb		96
27) Vinyl acetate	8.45	43	40294	0.52	ppb		99
28) Methyl Ethyl Ketone	8.98	72	8603	0.55	ppb	#	100
29) cis-1,2-dichloroethene	9.37	61	23013	0.51	ppb		91
30) Hexane	8.93	57	28953	0.52	ppb		92
31) Ethyl acetate	9.57	43	37927	0.53	ppb		90
32) Chloroform	9.98	83	41863	0.51	ppb		96
33) Tetrahydrofuran	10.20	42	20664	0.57	ppb		97
34) 1,2-dichloroethane	11.12	62	25248	0.54	ppb		88
36) 1,1,1-trichloroethane	10.78	97	38539	0.48	ppb		99
37) Cyclohexane	11.47	56	26426	0.49	ppb		95
38) Carbon tetrachloride	11.42	117	38535	0.49	ppb		98
39) Benzene	11.40	78	49706	0.50	ppb		98
40) Methyl methacrylate	12.95	41	19009	0.48	ppb	#	84
41) 1,4-dioxane	13.03	88	9544	0.51	ppb		92
42) 2,2,4-trimethylpentane	12.21	57	87245	0.48	ppb		95
43) Heptane	12.56	43	28059	0.53	ppb		98
44) Trichloroethene	12.71	130	22834	0.52	ppb		99
45) 1,2-dichloropropane	12.82	63	19360	0.50	ppb		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020408.D Vial: 6
Acq On : 4 Feb 2016 1:21 pm Operator: RJP
Sample : A1UG_0.50 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 04 14:01:05 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
46)	Bromodichloromethane	13.14	83	35760	0.51	ppb		99
47)	cis-1,3-dichloropropene	13.92	75	26513	0.53	ppb		98
48)	trans-1,3-dichloropropene	14.66	75	24971	0.52	ppb		91
49)	1,1,2-trichloroethane	14.96	97	21154	0.54	ppb		94
51)	Toluene	14.70	92	27545	0.48	ppb		99
52)	Methyl Isobutyl Ketone	13.86	43	35639	0.46	ppb		96
53)	Dibromochloromethane	15.63	129	30515m	0.53	ppb		
54)	Methyl Butyl Ketone	15.14	43	40532	0.59	ppb		93
55)	1,2-dibromoethane	15.88	107	32869	0.47	ppb		96
56)	Tetrachloroethylene	15.69	164	18804	0.44	ppb		96
57)	Chlorobenzene	16.64	112	43896	0.53	ppb		92
58)	1,1,1,2-tetrachloroethane	16.73	131	23231	0.52	ppb	#	89
59)	Ethylbenzene	16.87	91	67340	0.51	ppb		99
60)	m&p-xylene	17.07	91	102219	1.02	ppb		93
61)	Nonane	17.40	43	36032	0.46	ppb		97
62)	Styrene	17.49	104	36554	0.48	ppb		84
63)	Bromoform	17.61	173	29050	0.47	ppb		99
64)	o-xylene	17.51	91	58725	0.50	ppb		92
65)	Cumene	18.04	105	65952	0.48	ppb		97
67)	1,1,2,2-tetrachloroethane	17.94	83	47567	0.49	ppb		99
68)	Propylbenzene	18.56	91	77066m	0.46	ppb		
69)	2-Chlorotoluene	18.60	91	56175m	0.51	ppb		
70)	4-ethyltoluene	18.72	105	59287m	0.48	ppb		
71)	1,3,5-trimethylbenzene	18.78	105	60555m	0.49	ppb		
72)	1,2,4-trimethylbenzene	19.21	105	47652	0.45	ppb		92
73)	1,3-dichlorobenzene	19.51	146	34902	0.44	ppb		97
74)	benzyl chloride	19.59	91	34304m	0.45	ppb		
75)	1,4-dichlorobenzene	19.65	146	33917	0.45	ppb		97
76)	1,2,3-trimethylbenzene	19.67	105	50791	0.42	ppb		90
77)	1,2-dichlorobenzene	19.96	146	36352	0.45	ppb		94
78)	1,2,4-trichlorobenzene	21.81	180	19954m	0.53	ppb		
79)	Naphthalene	22.00	128	49995m	0.55	ppb		
80)	Hexachloro-1,3-butadiene	22.09	225	38311	0.40	ppb		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

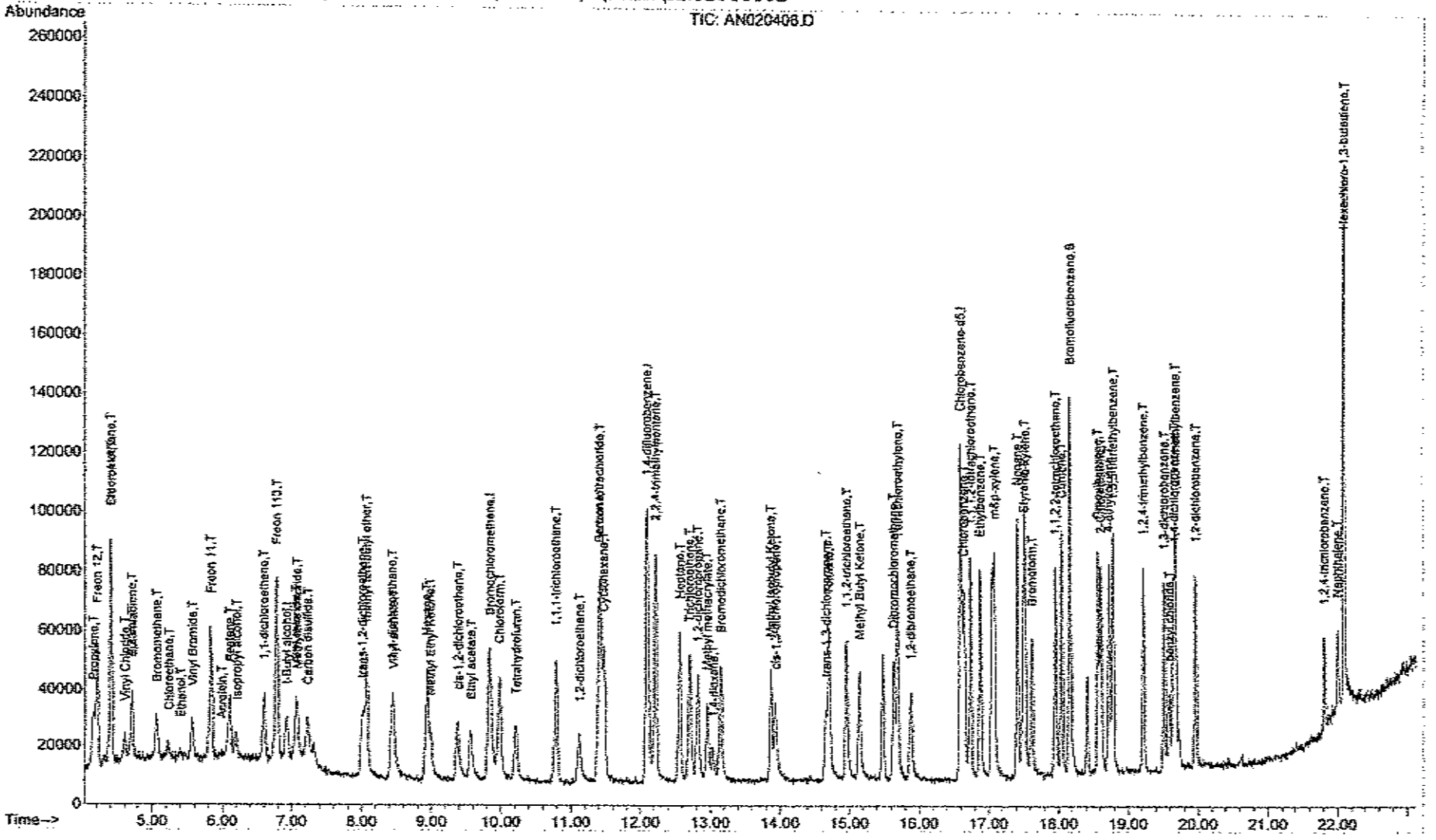
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020408.D
Acq On : 4 Feb 2016 1:21 pm
Sample : A1UG_0.50
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 4 14:02 2016

Vial: 6
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RBS

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 10:59:01 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D



AN020408.D A204_1UG.M Thu Mar 03 11:05:38 2016 MSD1

Centek Laboratories, LLC

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020409.D Vial: 7
Acq On : 4 Feb 2016 1:58 pm Operator: RJP
Sample : A1UG_0.30 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 04 14:47:07 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.83	128	25831	1.00	ppb		0.02
35) 1,4-difluorobenzene	12.09	114	111491	1.00	ppb		0.00
50) Chlorobenzene-d5	16.59	117	94152	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.16	95	55803	0.82	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 82.00%				
Target Compounds							Qvalue
2) Propylene	4.16	41	11277	0.38	ppb	#	100
3) Freon 12	4.21	85	33432	0.30	ppb		98
4) Chloromethane	4.41	50	11528	0.33	ppb		89
5) Freon 114	4.41	85	27908	0.27	ppb		99
6) Vinyl Chloride	4.61	62	7797	0.30	ppb		95
7) Butane	4.70	43	10499	0.31	ppb		96
8) 1,3-butadiene	4.71	39	7119	0.31	ppb		91
9) Bromomethane	5.05	94	9587	0.33	ppb		94
10) Chloroethane	5.23	64	3097	0.29	ppb	#	34
11) Ethanol	5.40	45	2362	0.36	ppb	#	81
12) Acrolein	5.97	56	3020m	0.38	ppb		
13) Vinyl Bromide	5.57	106	9562	0.31	ppb		100
14) Freon 11	5.82	101	34208	0.31	ppb		99
15) Acetone	6.08	58	3461m	0.35	ppb		
16) Pentane	6.10	42	7520	0.36	ppb		94
17) Isopropyl alcohol	6.19	45	11589	0.40	ppb	#	46
18) 1,1-dichloroethene	6.59	96	9684	0.33	ppb	#	86
19) Freon 113	6.78	101	31959	0.31	ppb		97
20) t-Butyl alcohol	6.92	59	17280	0.37	ppb	#	71
21) Methylene chloride	7.07	84	12255	0.34	ppb	#	80
22) Allyl chloride	7.05	41	13429	0.32	ppb		93
23) Carbon disulfide	7.22	76	33516	0.32	ppb		94
24) trans-1,2-dichloroethene	8.01	61	16086	0.32	ppb		90
25) methyl tert-butyl ether	8.06	73	28239	0.30	ppb		84
26) 1,1-dichloroethane	8.43	63	21882	0.31	ppb		100
27) Vinyl acetate	8.46	43	26898	0.34	ppb		96
28) Methyl Ethyl Ketone	9.00	72	4847	0.30	ppb	#	100
29) cis-1,2-dichloroethene	9.38	61	14618	0.32	ppb		94
30) Hexane	8.93	57	17221	0.31	ppb		95
31) Ethyl acetate	9.56	43	25006	0.35	ppb		94
32) Chloroform	9.98	83	25239	0.31	ppb		98
33) Tetrahydrofuran	10.20	42	12267	0.34	ppb		95
34) 1,2-dichloroethane	11.13	62	15584	0.33	ppb		85
36) 1,1,1-trichloroethane	10.78	97	23086	0.30	ppb		97
37) Cyclohexane	11.47	56	16461	0.31	ppb		91
38) Carbon tetrachloride	11.42	117	22432	0.30	ppb		97
39) Benzene	11.41	78	30880	0.32	ppb		98
40) Methyl methacrylate	12.96	41	11859	0.31	ppb		89
41) 1,4-dioxane	13.04	88	6188	0.34	ppb		93
42) 2,2,4-trimethylpentane	12.21	57	61496	0.35	ppb		91
43) Heptane	12.56	43	16068	0.31	ppb		98
44) Trichloroethene	12.71	130	13470	0.32	ppb		99
45) 1,2-dichloropropane	12.82	63	12133	0.32	ppb		95

(#) = qualifier out of range (m) = manual integration
AN020409.D A204_1UG.M Thu Mar 03 11:05:40 2016 MSD1 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020409.D Vial: 7
Acq On : 4 Feb 2016 1:58 pm Operator: RJP
Sample : A1UG_0.30 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 04 14:47:07 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
46)	Bromodichloromethane	13.15	83	22008	0.32	ppb		98
47)	cis-1,3-dichloropropene	13.92	75	16685	0.34	ppb		98
48)	trans-1,3-dichloropropene	14.65	75	15383	0.33	ppb		93
49)	1,1,2-trichloroethane	14.95	97	14079	0.37	ppb		99
51)	Toluene	14.71	92	17801	0.30	ppb		98
52)	Methyl Isobutyl Ketone	13.86	43	23620	0.29	ppb		96
53)	Dibromochloromethane	15.63	129	18626m	0.31	ppb		
54)	Methyl Butyl Ketone	15.15	43	26991	0.37	ppb		93
55)	1,2-dibromoethane	15.88	107	20700	0.28	ppb		93
56)	Tetrachloroethylene	15.68	164	12434	0.27	ppb		97
57)	Chlorobenzene	16.64	112	27846	0.32	ppb		92
58)	1,1,1,2-tetrachloroethane	16.73	131	14918	0.32	ppb	#	89
59)	Ethylbenzene	16.88	91	42011	0.30	ppb		100
60)	m&p-xylene	17.07	91	59383	0.56	ppb		91
61)	Nonane	17.40	43	21294	0.26	ppb		93
62)	Styrene	17.49	104	21284	0.26	ppb		89
63)	Bromoform	17.62	173	17630	0.27	ppb		100
64)	o-xylene	17.51	91	33905	0.28	ppb		92
65)	Cumene	18.04	105	37685	0.26	ppb		96
67)	1,1,2,2-tetrachloroethane	17.95	83	28507	0.28	ppb		97
68)	Propylbenzene	18.56	91	48609m	0.28	ppb		
69)	2-Chlorotoluene	18.60	91	32411m	0.28	ppb		
70)	4-ethyltoluene	18.72	105	34678m	0.26	ppb		
71)	1,3,5-trimethylbenzene	18.78	105	35033m	0.27	ppb		
72)	1,2,4-trimethylbenzene	19.21	105	27978	0.25	ppb		92
73)	1,3-dichlorobenzene	19.51	146	20454	0.25	ppb		97
74)	benzyl chloride	19.58	91	22937m	0.29	ppb		
75)	1,4-dichlorobenzene	19.64	146	19059	0.24	ppb		94
76)	1,2,3-trimethylbenzene	19.67	105	28865	0.23	ppb		94
77)	1,2-dichlorobenzene	19.96	146	20973	0.25	ppb		97
78)	1,2,4-trichlorobenzene	21.81	180	11260m	0.28	ppb		
79)	Naphthalene	22.00	128	31577m	0.33	ppb		
80)	Hexachloro-1,3-butadiene	22.08	225	22178	0.22	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

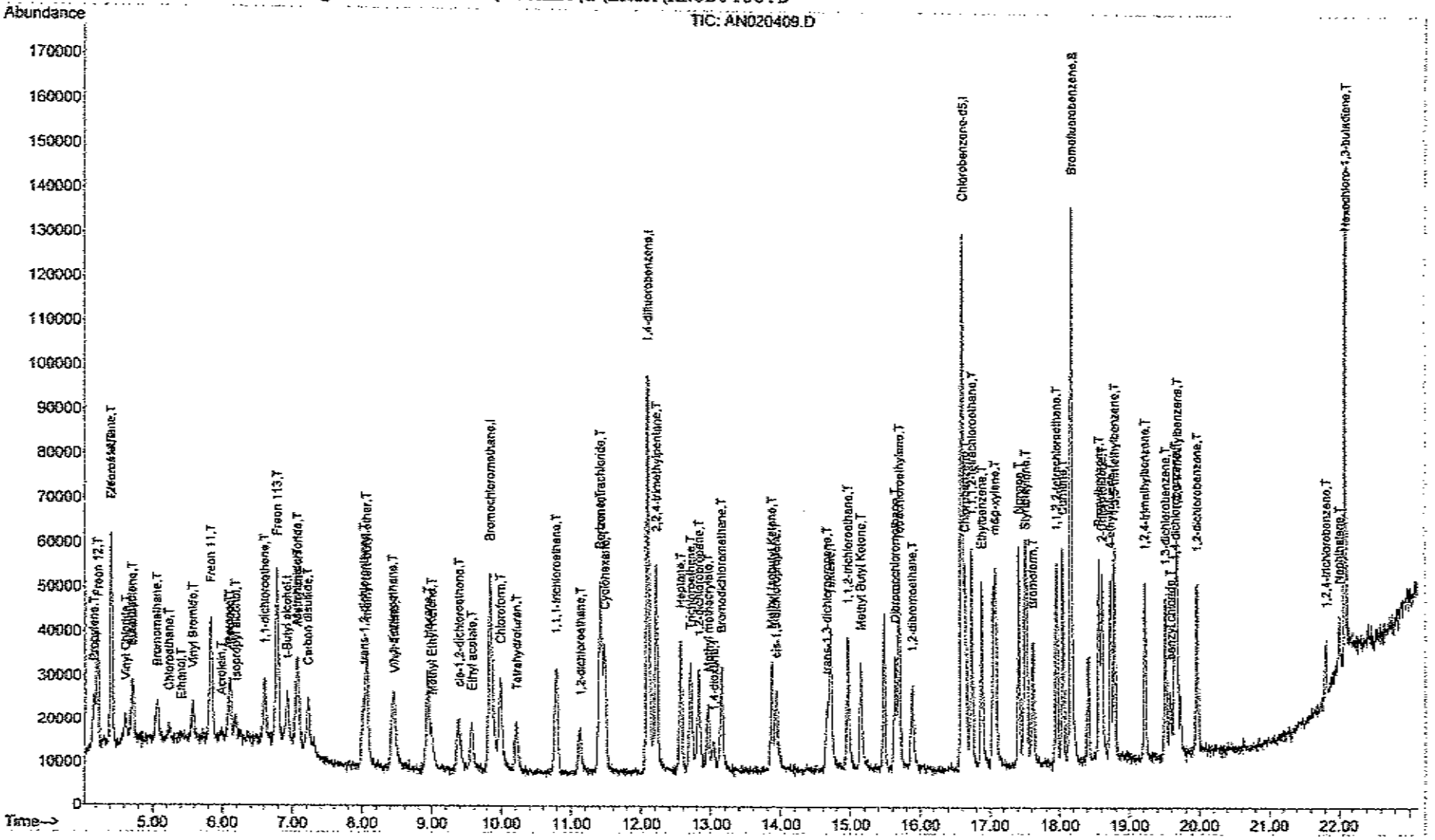
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020409.D
Acq On : 4 Feb 2016 1:58 pm
Sample : A1UG_0.30
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 4 14:48 2016

Vial: 7
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 10:59:01 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D



AN020409.D A204_1UG.M Thu Mar 03 11:05:42 2016 MSD1

Centek Laboratories, LLC

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020410.D Vial: 8
Acq On : 4 Feb 2016 2:34 pm Operator: RJP
Sample : A1UG_0.15 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 04 15:08:08 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.83	128	24804	1.00	ppb		0.01
35) 1,4-difluorobenzene	12.09	114	109192	1.00	ppb		0.00
50) Chlorobenzene-d5	16.59	117	95402	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.16	95	56765m	0.82	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 82.00%				
Target Compounds							Qvalue
2) Propylene	4.16	41	6172	0.21	ppb	#	100
3) Freon 12	4.21	85	17959	0.17	ppb		100
4) Chloromethane	4.41	50	6507	0.20	ppb		89
5) Freon 114	4.41	85	15207	0.16	ppb		96
6) Vinyl Chloride	4.61	62	4489	0.18	ppb		95
7) Butane	4.70	43	5370m	0.16	ppb		
8) 1,3-butadiene	4.71	39	3871m	0.18	ppb		
9) Bromomethane	5.06	94	5417	0.19	ppb		96
10) Chloroethane	5.22	64	1956	0.19	ppb	#	60
11) Ethanol	5.41	45	930m	0.15	ppb		
12) Acrolein	5.98	56	1037m	0.14	ppb		
13) Vinyl Bromide	5.57	106	4948	0.17	ppb		94
14) Freon 11	5.83	101	18510	0.17	ppb		97
15) Acetone	6.10	58	1894m	0.20	ppb		
16) Pentane	6.09	42	3342	0.16	ppb	#	43
17) Isopropyl alcohol	6.19	45	5165	0.19	ppb	#	46
18) 1,1-dichloroethene	6.59	96	5184	0.18	ppb	#	83
19) Freon 113	6.77	101	11494	0.17	ppb		96
20) t-Butyl alcohol	6.94	59	9383	0.21	ppb	#	32
21) Methylene chloride	7.07	84	4928	0.14	ppb		94
22) Allyl chloride	7.05	41	5292m	0.13	ppb		
23) Carbon disulfide	7.22	76	19251	0.19	ppb		81
24) trans-1,2-dichloroethene	8.00	61	8110	0.17	ppb		90
25) methyl tert-butyl ether	8.07	73	16317	0.18	ppb		76
26) 1,1-dichloroethane	8.43	63	11497	0.17	ppb		96
27) Vinyl acetate	8.47	43	13085	0.17	ppb		88
28) Methyl Ethyl Ketone	9.01	72	2382	0.16	ppb	#	100
29) cis-1,2-dichloroethene	9.40	61	7379	0.17	ppb		91
30) Hexane	8.94	57	8383	0.16	ppb		93
31) Ethyl acetate	9.58	43	14191	0.20	ppb		89
32) Chloroform	9.98	83	13293	0.17	ppb		98
33) Tetrahydrofuran	10.22	42	6374	0.18	ppb		98
34) 1,2-dichloroethane	11.13	62	8281	0.18	ppb		87
36) 1,1,1-trichloroethane	10.78	97	12068	0.16	ppb		98
37) Cyclohexane	11.48	56	8346	0.16	ppb		88
38) Carbon tetrachloride	11.43	117	11645	0.16	ppb		96
39) Benzene	11.40	78	15787	0.17	ppb		97
40) Methyl methacrylate	12.96	41	5860	0.16	ppb	#	77
41) 1,4-dioxane	13.05	88	3623	0.21	ppb		96
42) 2,2,4-trimethylpentane	12.21	57	28749	0.17	ppb		97
43) Heptane	12.56	43	9743	0.19	ppb		94
44) Trichloroethene	12.71	130	6943	0.17	ppb		96
45) 1,2-dichloropropane	12.82	63	6726	0.18	ppb		97

(#) = qualifier out of range (m) = manual integration
AN020410.D A204_1UG.M Thu Mar 03 11:05:44 2016 MSD1 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020410.D Vial: 8
Acq On : 4 Feb 2016 2:34 pm Operator: RJP
Sample : A1UG_0.15 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 04 15:08:08 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

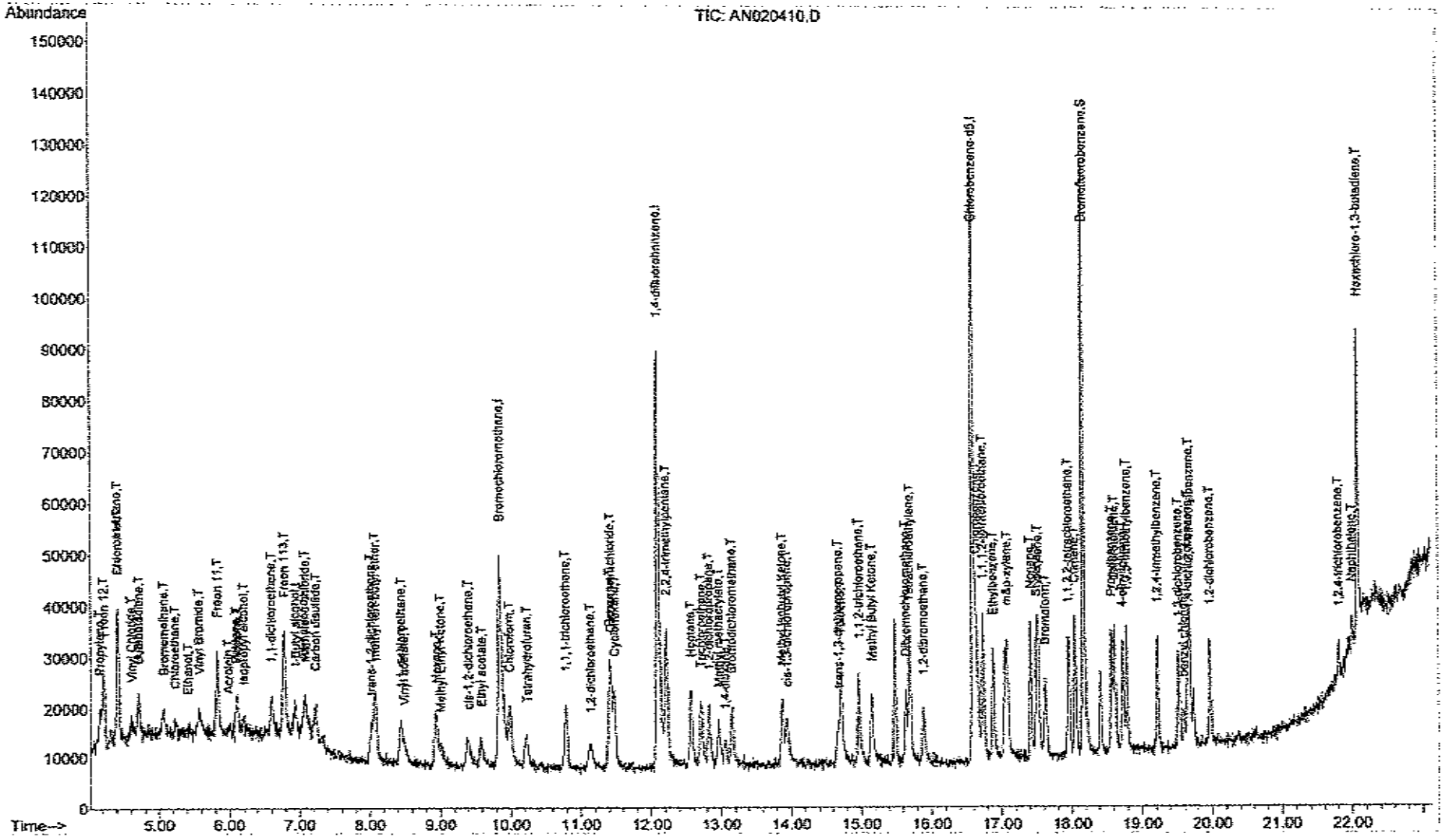
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
46)	Bromodichloromethane	13.15	83	11597	0.17	ppb		100
47)	cis-1,3-dichloropropene	13.94	75	9531	0.20	ppb		97
48)	trans-1,3-dichloropropene	14.67	75	8168	0.18	ppb		92
49)	1,1,2-trichloroethane	14.97	97	7592	0.21	ppb		99
51)	Toluene	14.71	92	9611	0.16	ppb	#	84
52)	Methyl Isobutyl Ketone	13.87	43	15078	0.18	ppb		88
53)	Dibromochloromethane	15.63	129	10784m	0.17	ppb		
54)	Methyl Butyl Ketone	15.15	43	15519	0.21	ppb		92
55)	1,2-dibromoethane	15.89	107	12142	0.16	ppb		99
56)	Tetrachloroethylene	15.68	164	6818	0.15	ppb		96
57)	Chlorobenzene	16.64	112	15532	0.17	ppb		97
58)	1,1,1,2-tetrachloroethane	16.74	131	8163	0.17	ppb	#	84
59)	Ethylbenzene	16.88	91	23290	0.16	ppb		100
60)	m&p-xylene	17.07	91	32846	0.31	ppb		92
61)	Nonane	17.41	43	12585	0.15	ppb		93
62)	Styrene	17.49	104	11451	0.14	ppb		94
63)	Bromoform	17.62	173	9755	0.15	ppb		96
64)	o-xylene	17.51	91	18030	0.14	ppb		88
65)	Cumene	18.05	105	22256	0.15	ppb		97
67)	1,1,2,2-tetrachloroethane	17.95	83	16526	0.16	ppb		97
68)	Propylbenzene	18.56	91	23468m	0.13	ppb		
69)	2-Chlorotoluene	18.61	91	19149m	0.16	ppb		
70)	4-ethyltoluene	18.73	105	18694m	0.14	ppb		
71)	1,3,5-trimethylbenzene	18.77	105	19077m	0.15	ppb		
72)	1,2,4-trimethylbenzene	19.21	105	14954	0.13	ppb		91
73)	1,3-dichlorobenzene	19.52	146	10644	0.13	ppb		94
74)	benzyl chloride	19.59	91	10444	0.13	ppb		95
75)	1,4-dichlorobenzene	19.65	146	10064	0.12	ppb		97
76)	1,2,3-trimethylbenzene	19.67	105	17577	0.14	ppb		98
77)	1,2-dichlorobenzene	19.96	146	11391	0.13	ppb		94
78)	1,2,4-trichlorobenzene	21.81	180	5773m	0.14	ppb		
79)	Naphthalene	22.00	128	16967m	0.17	ppb		
80)	Hexachloro-1,3-butadiene	22.09	225	12302m	0.12	ppb		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020410.D Vial: 8
Acq On : 4 Feb 2016 2:34 pm Operator: RJP
Sample : A1UG_0.15 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 4 15:11 2016 Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 10:59:01 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D



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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020412.D
Acq On : 4 Feb 2016 3:48 pm
Sample : A1UG_0.04
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 04 16:14:07 2016

Vial: 10
Operator: RJP
Inst : MSD #1
Multiplr: 1.00
Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.84	128	24642	1.00	ppb	0.02
35) 1,4-difluorobenzene	12.10	114	110671	1.00	ppb	0.00
50) Chlorobenzene-d5	16.59	117	92583	1.00	ppb	0.00
System Monitoring Compounds						
66) Bromofluorobenzene	18.16	95	54524	0.82	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 82.00%			
Target Compounds						Qvalue
6) Vinyl Chloride	4.60	62	1435	0.06	ppb	86
38) Carbon tetrachloride	11.43	117	4131m	0.05	ppb	
44) Trichloroethene	12.73	130	2337	0.06	ppb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

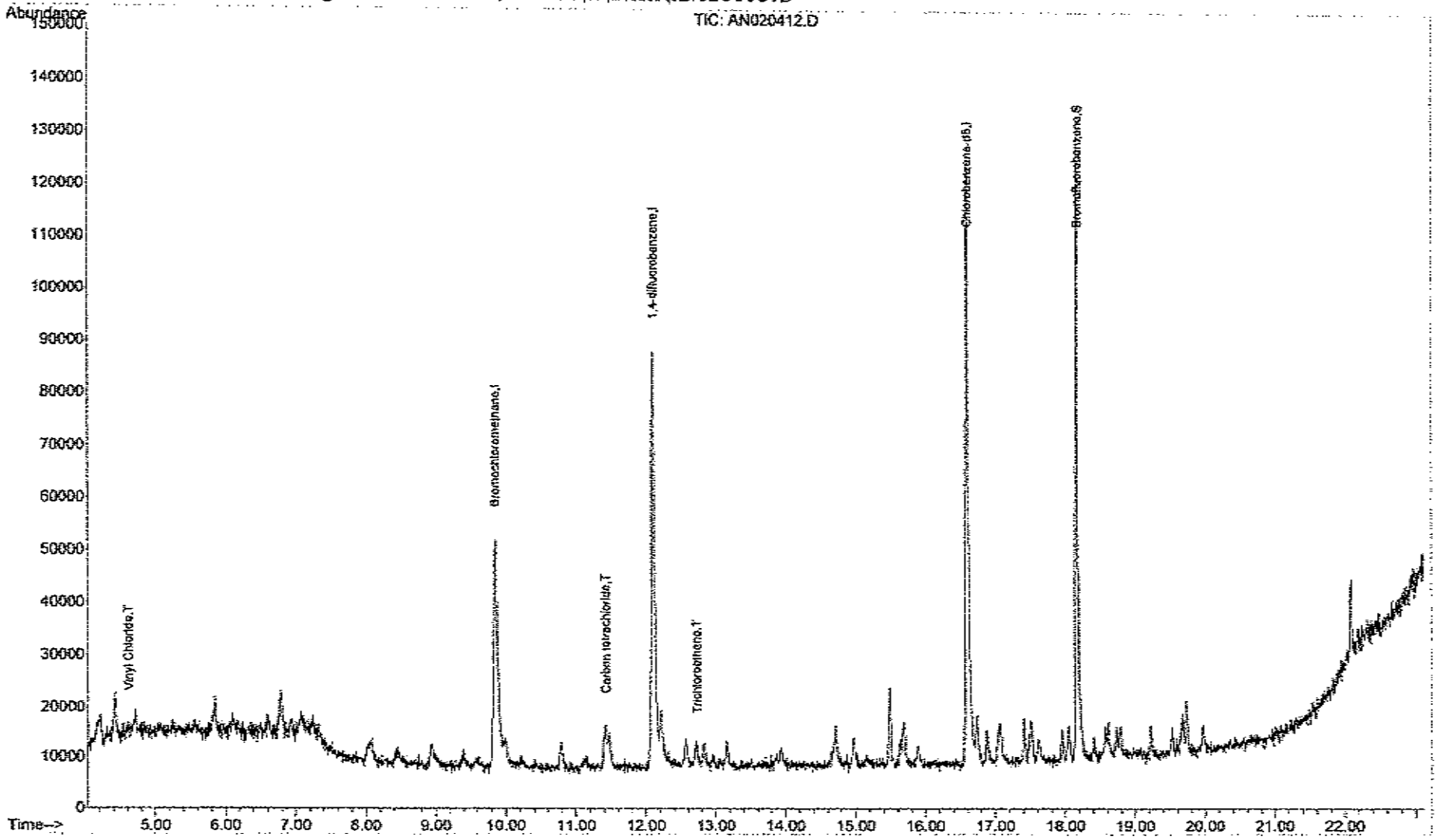
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020412.D
Acq On : 4 Feb 2016 3:48 pm
Sample : A1UG_0.04
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 4 16:15 2016

Vial: 10
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 10:59:01 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D



GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

CALIBRATION VERIFICATION

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\AN020406.D
Acq On : 4 Feb 2016 12:05 pm
Sample : A1UG_1.0
Misc : A204_1UG
MS Integration Params: RTEINT.P

Vial: 4
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Single Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	100	0.00
2	T	Propylene	1.239	1.160	6.4	100	0.00
3	T	Freon 12	4.355	4.331	0.6	100	0.00
4	T	Chloromethane	1.318	1.358	-3.0	100	0.00
5	T	Freon 114	3.638	3.923	-7.8	100	0.00
6	T	Vinyl Chloride	1.045	1.017	2.7	100	0.00
7	T	Butane	1.275	1.329	-4.2	100	0.00
8	T	1,3-butadiene	0.889	0.910	-2.4	100	0.00
9	T	Bromomethane	1.193	1.132	5.1	100	0.00
10	T	Chloroethane	0.418	0.406	2.9	100	0.00
11	T	Ethanol	0.256	0.256	0.0	100	0.00
12	T	Acrolein	0.310	0.293	5.5	100	0.00
13	T	Vinyl Bromide	1.197	1.189	0.7	100	0.00
14	T	Freon 11	4.372	4.327	1.0	100	0.00
15	T	Acetone	0.423	0.393	7.1	100	0.00
16	T	Pentane	0.841	0.821	2.4	100	0.00
17	T	Isopropyl alcohol	1.220	1.120	8.2	100	0.00
18	T	1,1-dichloroethene	1.163	1.144	1.6	100	0.00
19	T	Freon 113	2.761	2.720	1.5	100	0.00
20	t	t-Butyl alcohol	2.203	1.836	16.7	100	0.00
21	T	Methylene chloride	1.313	1.393	-6.1	100	0.00
22	T	Allyl chloride	1.494	1.667	-11.6	100	0.00
23	T	Carbon disulfide	4.098	4.061	0.9	100	0.00
24	T	trans-1,2-dichloroethene	2.029	1.933	4.7	100	0.00
25	T	methyl tert-butyl ether	3.703	3.607	2.6	100	0.00
26	T	1,1-dichloroethane	2.780	2.737	1.5	100	0.00
27	T	Vinyl acetate	3.306	3.104	6.1	100	0.00
28	T	Methyl Ethyl Ketone	0.649	0.625	3.7	100	0.00
29	T	cis-1,2-dichloroethene	1.841	1.788	2.9	100	0.00
30	T	Hexane	2.185	2.162	1.1	100	0.00
31	T	Ethyl acetate	3.069	2.817	8.2	100	0.00
32	T	Chloroform	3.241	3.182	1.8	100	0.00
33	T	Tetrahydrofuran	1.511	1.418	6.2	100	0.00
34	T	1,2-dichloroethane	1.934	1.831	5.3	100	0.00
35	I	1,4-difluorobenzene	1.000	1.000	0.0	100	0.00
36	T	1,1,1-trichloroethane	0.694	0.697	-0.4	100	0.00
37	T	Cyclohexane	0.474	0.469	1.1	100	0.00
38	T	Carbon tetrachloride	0.708	0.679	4.1	100	0.00
39	T	Benzene	0.883	0.858	2.8	100	0.00
40	T	Methyl methacrylate	0.353	0.345	2.3	100	0.00
41	T	1,4-dioxane	0.179	0.161	10.1	100	0.00
42	T	2,2,4-trimethylpentane	1.634	1.576	3.5	100	0.00
43	T	Heptane	0.498	0.462	7.2	100	0.00
44	T	Trichloroethene	0.408	0.380	6.9	100	0.00
45	T	1,2-dichloropropane	0.346	0.336	2.9	100	0.00
46	T	Bromodichloromethane	0.638	0.611	4.2	100	0.00
47	T	cis-1,3-dichloropropene	0.469	0.437	6.8	100	0.00
48	T	trans-1,3-dichloropropene	0.428	0.415	3.0	100	0.00
49	T	1,1,2-trichloroethane	0.362	0.336	7.2	100	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\AN020406.D Vial: 4
Acq On : 4 Feb 2016 12:05 pm Operator: RJP
Sample : A1UG_1.0 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Single Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
51	T	Toluene	0.669	0.645	3.6	100	0.00
52	T	Methyl Isobutyl Ketone	0.938	0.874	6.8	100	0.00
53	T	Dibromochloromethane	0.723	0.688	4.8	100	0.00
54	T	Methyl Butyl Ketone	0.917	0.772	15.8	100	0.00
55	T	1,2-dibromoethane	0.788	0.786	0.3	100	0.00
56	T	Tetrachloroethylene	0.472	0.484	-2.5	100	0.00
57	T	Chlorobenzene	0.958	0.939	2.0	100	0.00
58	T	1,1,1,2-tetrachloroethane	0.510	0.505	1.0	100	0.00
59	T	Ethylbenzene	1.472	1.477	-0.3	100	0.00
60	T	m&p-xylene	1.127	1.125	0.2	100	0.00
61	T	Nonane	0.916	0.881	3.8	100	0.00
62	T	Styrene	0.869	0.866	0.3	100	0.00
63	T	Bromoform	0.680	0.692	-1.8	100	0.00
64	T	o-xylene	1.298	1.312	-1.1	100	0.00
65	T	Cumene	1.598	1.534	4.0	100	0.00
66	S	Bromofluorobenzene	0.681	0.727	-6.8	100	0.00
67	T	1,1,2,2-tetrachloroethane	1.163	1.104	5.1	100	0.00
68	T	Propylbenzene	1.894	1.761	7.0	100	0.00
69	T	2-Chlorotoluene	1.291	1.259	2.5	100	0.00
70	T	4-ethyltoluene	1.462	1.441	1.4	100	0.00
71	T	1,3,5-trimethylbenzene	1.426	1.366	4.2	100	0.00
72	T	1,2,4-trimethylbenzene	1.226	1.197	2.4	100	0.00
73	T	1,3-dichlorobenzene	0.886	0.890	-0.5	100	0.00
74	T	benzyl chloride	0.837	0.848	-1.3	100	0.00
75	T	1,4-dichlorobenzene	0.854	0.853	0.1	100	0.00
76	T	1,2,3-trimethylbenzene	1.353	1.347	0.4	100	0.00
77	T	1,2-dichlorobenzene	0.908	0.903	0.6	100	0.00
78	T	1,2,4-trichlorobenzene	0.493	0.486	1.4	100	0.00
79	T	Naphthalene	1.286	1.276	0.8	100	0.00
80	T	Hexachloro-1,3-butadiene	1.029	1.082	-5.2	100	0.00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020406.D Vial: 4
Acq On : 4 Feb 2016 12:05 pm Operator: RJP
Sample : A1UG_1.0 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 04 13:33:52 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.82	128	25913	1.00	ppb		0.00
35) 1,4-difluorobenzene	12.09	114	112188	1.00	ppb		0.00
50) Chlorobenzene-d5	16.59	117	75689	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.16	95	55017	1.01	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 101.00%				
Target Compounds							Qvalue
2) Propylene	4.16	41	30053	1.00	ppb	#	100
3) Freon 12	4.21	85	112233	1.00	ppb		99
4) Chloromethane	4.41	50	35183	1.01	ppb		95
5) Freon 114	4.41	85	101648	1.00	ppb		92
6) Vinyl Chloride	4.60	62	26348	1.00	ppb		91
7) Butane	4.70	43	34440	1.00	ppb	#	88
8) 1,3-butadiene	4.71	39	23582	1.02	ppb		95
9) Bromomethane	5.05	94	29345	1.00	ppb		90
10) Chloroethane	5.23	64	10515	1.00	ppb		94
11) Ethanol	5.40	45	6639 f)	1.00	ppb		76
12) Acrolein	5.97	56	7595m	0.96	ppb		
13) Vinyl Bromide	5.57	106	30802	1.00	ppb		99
14) Freon 11	5.83	101	112138	1.00	ppb		98
15) Acetone	6.07	58	10173	1.04	ppb	#	89
16) Pentane	6.10	42	21263	1.00	ppb		96
17) Isopropyl alcohol	6.18	45	29029	1.01	ppb	#	46
18) 1,1-dichloroethene	6.59	96	29648	1.00	ppb		92
19) Freon 113	6.78	101	70489	1.00	ppb		97
20) t-Butyl alcohol	6.91	59	47567	1.00	ppb	#	91
21) Methylene chloride	7.07	84	36088	1.00	ppb	#	83
22) Allyl chloride	7.05	41	43209m	1.03	ppb		
23) Carbon disulfide	7.21	76	105221	1.00	ppb		98
24) trans-1,2-dichloroethene	8.00	61	50102	1.00	ppb		91
25) methyl tert-butyl ether	8.05	73	93479	0.99	ppb		89
26) 1,1-dichloroethane	8.43	63	70920	1.00	ppb		99
27) Vinyl acetate	8.44	43	80424	1.02	ppb		99
28) Methyl Ethyl Ketone	8.98	72	16206	1.02	ppb	#	100
29) cis-1,2-dichloroethene	9.37	61	46323	1.01	ppb		96
30) Hexane	8.93	57	56016	1.00	ppb		91
31) Ethyl acetate	9.56	43	72985	1.01	ppb		93
32) Chloroform	9.98	83	82448	1.00	ppb		99
33) Tetrahydrofuran	10.20	42	36744	1.00	ppb		96
34) 1,2-dichloroethane	11.10	62	47453	1.00	ppb		89
36) 1,1,1-trichloroethane	10.78	97	78158	1.00	ppb		98
37) Cyclohexane	11.47	56	52629	1.00	ppb		93
38) Carbon tetrachloride	11.42	117	76208	1.00	ppb		99
39) Benzene	11.40	78	96276	1.00	ppb		98
40) Methyl methacrylate	12.95	41	38699	1.00	ppb		91
41) 1,4-dioxane	13.03	88	18085	1.00	ppb		95
42) 2,2,4-trimethylpentane	12.21	57	176835	1.00	ppb		95
43) Heptane	12.55	43	51824	1.00	ppb		97
44) Trichloroethene	12.70	130	42641	1.00	ppb		100
45) 1,2-dichloropropane	12.82	63	37728	1.00	ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020406.D Vial: 4
Acq On : 4 Feb 2016 12:05 pm Operator: RJP
Sample : A1UG_1.0 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 04 13:33:52 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 13:31:26 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D
DataAcq Meth : 1UG_RUN

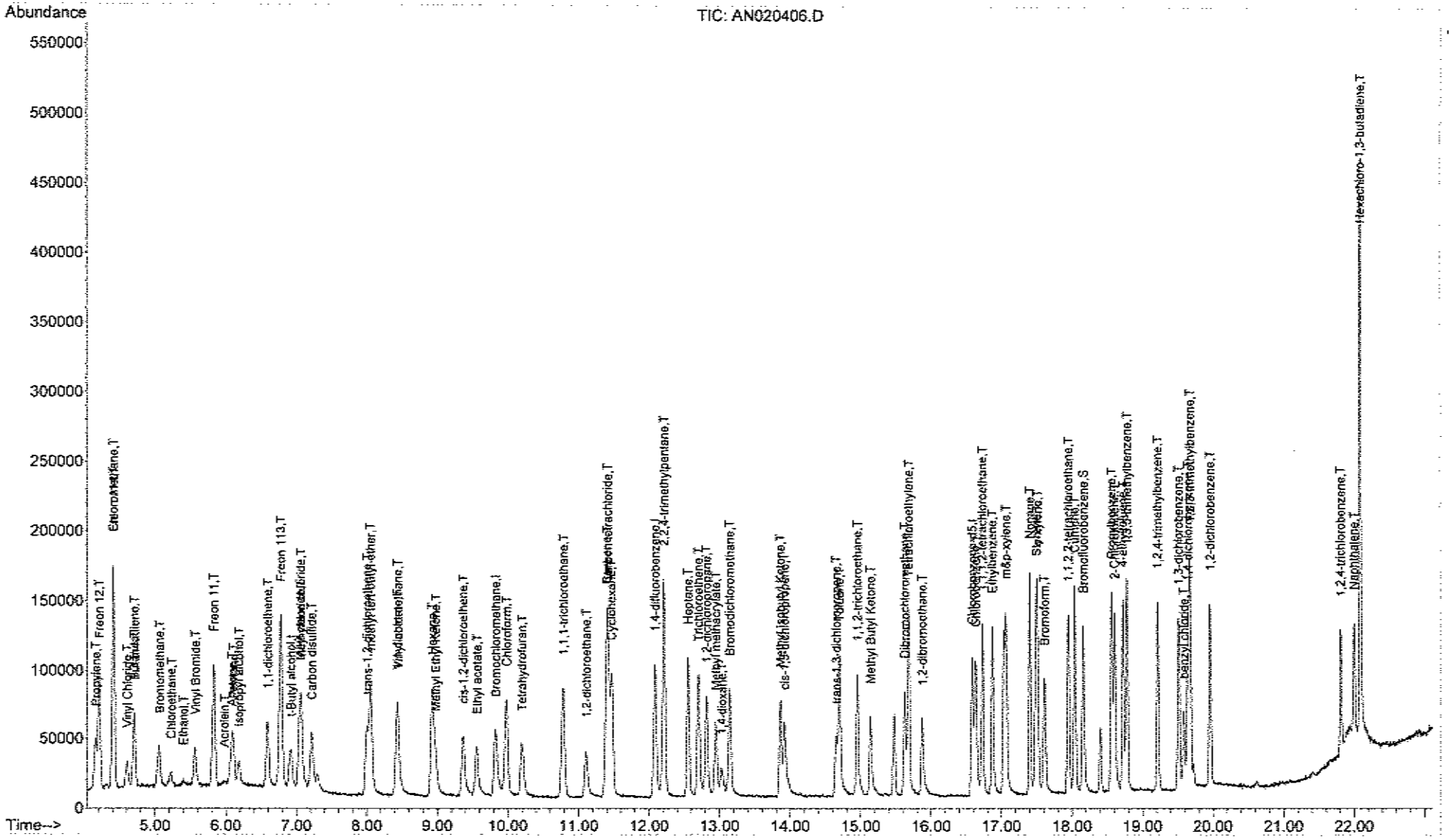
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
46)	Bromodichloromethane	13.14	83	68586	0.99	ppb		99
47)	cis-1,3-dichloropropene	13.92	75	49040	1.00	ppb		98
48)	trans-1,3-dichloropropene	14.65	75	46601	0.99	ppb		94
49)	1,1,2-trichloroethane	14.95	97	37716	0.99	ppb		97
51)	Toluene	14.70	92	48809	1.01	ppb		91
52)	Methyl Isobutyl Ketone	13.86	43	66177	1.01	ppb		96
53)	Dibromochloromethane	15.62	129	52048m	1.06	ppb		
54)	Methyl Butyl Ketone	15.14	43	58459	1.01	ppb		95
55)	1,2-dibromoethane	15.88	107	59489	1.01	ppb		98
56)	Tetrachloroethylene	15.68	164	36612	1.01	ppb		95
57)	Chlorobenzene	16.63	112	71051	1.01	ppb		90
58)	1,1,1,2-tetrachloroethane	16.73	131	38194	1.01	ppb	#	91
59)	Ethylbenzene	16.87	91	111762	1.00	ppb		99
60)	m&p-xylene	17.06	91	170289	2.01	ppb		95
61)	Nonane	17.40	43	66712	1.01	ppb		93
62)	Styrene	17.49	104	65537	1.01	ppb		85
63)	Bromoform	17.61	173	52343	1.01	ppb		99
64)	o-xylene	17.51	91	99274	1.01	ppb		93
65)	Cumene	18.04	105	116116	1.01	ppb		99
67)	1,1,2,2-tetrachloroethane	17.95	83	83523	1.01	ppb		98
68)	Propylbenzene	18.56	91	133269m	0.94	ppb		
69)	2-Chlorotoluene	18.60	91	95281m	1.02	ppb		
70)	4-ethyltoluene	18.72	105	109087m	1.03	ppb		
71)	1,3,5-trimethylbenzene	18.78	105	103365m	1.00	ppb		
72)	1,2,4-trimethylbenzene	19.22	105	90632	1.01	ppb		93
73)	1,3-dichlorobenzene	19.51	146	67332	1.01	ppb		96
74)	benzyl chloride	19.58	91	64219	1.00	ppb		99
75)	1,4-dichlorobenzene	19.64	146	64539	1.01	ppb		99
76)	1,2,3-trimethylbenzene	19.67	105	101954	1.01	ppb		92
77)	1,2-dichlorobenzene	19.96	146	68342	1.01	ppb		97
78)	1,2,4-trichlorobenzene	21.80	180	36792	1.15	ppb		97
79)	Naphthalene	22.00	128	96563	1.24	ppb		95
80)	Hexachloro-1,3-butadiene	22.08	225	81923	1.01	ppb		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020406.D Vial: 4
Acq On : 4 Feb 2016 12:05 pm Operator: RJP
Sample : A1UG_1.0 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 4 13:59 2016 Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\AN020406.D



AN020406.D A204_1UG.M Thu Mar 03 09:56:34 2016 MSD1 Page 3

Centek Laboratories, LLC

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\AN020502.D Vial: 2
Acq On : 5 Feb 2016 9:58 am Operator: RJP
Sample : A1UG_1.0 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	101	0.00
2	T	Propylene	1.239	1.171	5.5	102	0.00
3	T	Freon 12	4.355	4.241	2.6	99	0.00
4	T	Chloromethane	1.318	1.208	8.3	90	0.00
5	T	Freon 114	3.638	3.574	1.8	92	-0.01
6	T	Vinyl Chloride	1.045	0.945	9.6	94	0.00
7	T	Butane	1.275	1.310	-2.7	100	-0.01
8	T	1,3-butadiene	0.889	0.869	2.2	97	0.00
9	T	Bromomethane	1.193	1.195	-0.2	107	0.00
10	T	Chloroethane	0.418	0.420	-0.5	105	-0.01
11	T	Ethanol	0.256	0.333	-30.1#	131	-0.03
12	T	Acrolein	0.310	0.322	-3.9	111	-0.02
13	T	Vinyl Bromide	1.197	1.223	-2.2	104	0.00
14	T	Freon 11	4.372	4.482	-2.5	105	-0.01
15	T	Acetone	0.423	0.440	-4.0	114	-0.03
16	T	Pentane	0.841	0.878	-4.4	108	-0.01
17	T	Isopropyl alcohol	1.220	1.289	-5.7	116	-0.02
18	T	1,1-dichloroethene	1.163	1.120	3.7	99	0.00
19	T	Freon 113	2.761	3.452	-25.0	128	-0.01
20	t	t-Butyl alcohol	2.203	2.816	-27.8	155#	-0.03
21	T	Methylene chloride	1.313	1.480	-12.7	108	-0.01
22	T	Allyl chloride	1.494	1.704	-14.1	103	0.00
23	T	Carbon disulfide	4.098	4.158	-1.5	104	0.00
24	T	trans-1,2-dichloroethene	2.029	2.048	-0.9	107	0.00
25	T	methyl tert-butyl ether	3.703	3.761	-1.6	106	-0.02
26	T	1,1-dichloroethane	2.780	2.769	0.4	102	0.00
27	T	Vinyl acetate	3.306	3.515	-6.3	115	-0.02
28	T	Methyl Ethyl Ketone	0.649	0.688	-6.0	111	-0.02
29	T	cis-1,2-dichloroethene	1.841	1.886	-2.4	107	0.00
30	T	Hexane	2.185	2.227	-1.9	104	0.00
31	T	Ethyl acetate	3.069	3.034	1.1	109	-0.02
32	T	Chloroform	3.241	3.189	1.6	101	0.00
33	T	Tetrahydrofuran	1.511	1.573	-4.1	112	-0.01
34	T	1,2-dichloroethane	1.934	1.854	4.1	103	0.00
35	I	1,4-difluorobenzene	1.000	1.000	0.0	99	0.00
36	T	1,1,1-trichloroethane	0.694	0.692	0.3	98	-0.01
37	T	Cyclohexane	0.474	0.494	-4.2	104	0.00
38	T	Carbon tetrachloride	0.708	0.679	4.1	99	0.00
39	T	Benzene	0.883	0.900	-1.9	104	0.00
40	T	Methyl methacrylate	0.353	0.374	-5.9	107	-0.01
41	T	1,4-dioxane	0.179	0.180	-0.6	110	-0.02
42	T	2,2,4-trimethylpentane	1.634	1.682	-2.9	105	0.00
43	T	Heptane	0.498	0.497	0.2	106	0.00
44	T	Trichloroethene	0.408	0.403	1.2	105	0.00
45	T	1,2-dichloropropane	0.346	0.343	0.9	101	0.00
46	T	Bromodichloromethane	0.638	0.633	0.8	102	0.00
47	T	cis-1,3-dichloropropene	0.469	0.467	0.4	106	-0.01
48	T	trans-1,3-dichloropropene	0.428	0.443	-3.5	105	0.00
49	T	1,1,2-trichloroethane	0.362	0.362	0.0	106	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\AN020502.D Vial: 2
Acq On : 5 Feb 2016 9:58 am Operator: RJP
Sample : A1UG_1.0 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
51	T	Toluene	0.669	0.682	-1.9	110	0.00
52	T	Methyl Isobutyl Ketone	0.938	1.021	-8.8	121	-0.01
53	T	Dibromochloromethane	0.723	0.723	0.0	109	0.00
54	T	Methyl Butyl Ketone	0.917	0.844	8.0	113	-0.01
55	T	1,2-dibromoethane	0.788	0.802	-1.8	106	0.00
56	T	Tetrachloroethylene	0.472	0.459	2.8	98	0.00
57	T	Chlorobenzene	0.958	1.025	-7.0	113	0.00
58	T	1,1,1,2-tetrachloroethane	0.510	0.538	-5.5	110	0.00
59	T	Ethylbenzene	1.472	1.603	-8.9	112	0.00
60	T	m&p-xylene	1.127	1.253	-11.2	115	0.00
61	T	Nonane	0.916	0.929	-1.4	109	0.00
62	T	Styrene	0.869	0.925	-6.4	111	0.00
63	T	Bromoform	0.680	0.704	-3.5	105	0.00
64	T	o-xylene	1.298	1.454	-12.0	115	0.00
65	T	Cumene	1.598	1.627	-1.8	110	0.00
66	S	Bromofluorobenzene	0.681	0.676	0.7	96	0.00
67	T	1,1,2,2-tetrachloroethane	1.163	1.122	3.5	105	0.00
68	T	Propylbenzene	1.894	1.929	-1.8	114	0.00
69	T	2-Chlorotoluene	1.291	1.216	5.8	100	0.00
70	T	4-ethyltoluene	1.462	1.398	4.4	101	0.00
71	T	1,3,5-trimethylbenzene	1.426	1.344	5.8	102	0.00
72	T	1,2,4-trimethylbenzene	1.226	1.240	-1.1	107	0.00
73	T	1,3-dichlorobenzene	0.886	0.891	-0.6	104	0.00
74	T	benzyl chloride	0.837	0.819	2.2	100	0.00
75	T	1,4-dichlorobenzene	0.854	0.855	-0.1	104	0.00
76	T	1,2,3-trimethylbenzene	1.353	1.342	0.8	103	0.00
77	T	1,2-dichlorobenzene	0.908	0.909	-0.1	104	0.00
78	T	1,2,4-trichlorobenzene	0.493	0.464	5.9	99	0.00
79	T	Naphthalene	1.286	1.224	4.8	99	0.00
80	T	Hexachloro-1,3-butadiene	1.029	1.002	2.6	96	0.00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020502.D Vial: 2
Acq On : 5 Feb 2016 9:58 am Operator: RJP
Sample : A1UG_1.0 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 05 10:24:57 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.82	128	26235	1.00	ppb		0.00
35) 1,4-difluorobenzene	12.08	114	110874	1.00	ppb		0.00
50) Chlorobenzene-d5	16.58	117	78419	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.15	95	52976	0.99	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 99.00%				
Target Compounds							Qvalue
2) Propylene	4.15	41	30710	0.94	ppb	#	100
3) Freon 12	4.20	85	111259	0.97	ppb		100
4) Chloromethane	4.40	50	31698	0.92	ppb		95
5) Freon 114	4.40	85	93762	0.98	ppb		97
6) Vinyl Chloride	4.60	62	24781	0.90	ppb		91
7) Butane	4.69	43	34360	1.03	ppb		99
8) 1,3-butadiene	4.70	39	22811	0.98	ppb		88
9) Bromomethane	5.05	94	31353	1.00	ppb		94
10) Chloroethane	5.22	64	11029	1.01	ppb		91
11) Ethanol	5.37	45	8730m	1.30	ppb		
12) Acrolein	5.95	56	8458m	1.04	ppb		
13) Vinyl Bromide	5.56	106	32074	1.02	ppb		97
14) Freon 11	5.82	101	117596	1.03	ppb		99
15) Acetone	6.05	58	11554	1.04	ppb	#	91
16) Pentane	6.09	42	23030	1.04	ppb		90
17) Isopropyl alcohol	6.16	45	33816	1.06	ppb	#	46
18) 1,1-dichloroethene	6.58	96	29385	0.96	ppb		94
19) Freon 113	6.76	101	90560	1.25	ppb		91
20) t-Butyl alcohol	6.89	59	73881	1.28	ppb		94
21) Methylene chloride	7.06	84	38821	1.13	ppb	#	82
22) Allyl chloride	7.04	41	44699	1.14	ppb	#	56
23) Carbon disulfide	7.21	76	109089	1.01	ppb		98
24) trans-1,2-dichloroethene	7.99	61	53732	1.01	ppb		92
25) methyl tert-butyl ether	8.03	73	98672	1.02	ppb		93
26) 1,1-dichloroethane	8.42	63	72642	1.00	ppb		98
27) Vinyl acetate	8.42	43	92218	1.06	ppb		99
28) Methyl Ethyl Ketone	8.95	72	18057	1.06	ppb	#	100
29) cis-1,2-dichloroethene	9.36	61	49475	1.02	ppb		94
30) Hexane	8.92	57	58419	1.02	ppb		92
31) Ethyl acetate	9.54	43	79584	0.99	ppb		94
32) Chloroform	9.97	83	83674	0.98	ppb		97
33) Tetrahydrofuran	10.19	42	41277	1.04	ppb		98
34) 1,2-dichloroethane	11.10	62	48647	0.96	ppb		90
36) 1,1,1-trichloroethane	10.77	97	76776	1.00	ppb		99
37) Cyclohexane	11.46	56	54732	1.04	ppb		91
38) Carbon tetrachloride	11.41	117	75310	0.96	ppb		98
39) Benzene	11.39	78	99767	1.02	ppb		97
40) Methyl methacrylate	12.93	41	41420	1.06	ppb		88
41) 1,4-dioxane	13.01	88	19937	1.00	ppb		98
42) 2,2,4-trimethylpentane	12.20	57	186438	1.03	ppb		94
43) Heptane	12.55	43	55127	1.00	ppb		98
44) Trichloroethene	12.70	130	44722	0.99	ppb		98
45) 1,2-dichloropropane	12.82	63	38018	0.99	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020502.D Vial: 2
Acq On : 5 Feb 2016 9:58 am Operator: RJP
Sample : A1UG_1.0 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 05 10:24:57 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46)	Bromodichloromethane	13.14	83	70214	0.99	ppb	98
47)	cis-1,3-dichloropropene	13.91	75	51788	1.00	ppb	99
48)	trans-1,3-dichloropropene	14.65	75	49127	1.03	ppb	95
49)	1,1,2-trichloroethane	14.95	97	40153	1.00	ppb	97
51)	Toluene	14.70	92	53479	1.02	ppb	96
52)	Methyl Isobutyl Ketone	13.85	43	80070	1.09	ppb	95
53)	Dibromochloromethane	15.62	129	56706m	1.00	ppb	
54)	Methyl Butyl Ketone	15.13	43	66197	0.92	ppb	97
55)	1,2-dibromoethane	15.87	107	62904	1.02	ppb	98
56)	Tetrachloroethylene	15.68	164	36014	0.97	ppb	98
57)	Chlorobenzene	16.63	112	80374	1.07	ppb	90
58)	1,1,1,2-tetrachloroethane	16.73	131	42169	1.05	ppb	93
59)	Ethylbenzene	16.87	91	125681	1.09	ppb	98
60)	m&p-xylene	17.06	91	196455	2.22	ppb	94
61)	Nonane	17.40	43	72852	1.01	ppb	95
62)	Styrene	17.48	104	72523	1.06	ppb	83
63)	Bromoform	17.61	173	55181	1.03	ppb	100
64)	o-xylene	17.51	91	113984	1.12	ppb	93
65)	Cumene	18.04	105	127623	1.02	ppb	99
67)	1,1,2,2-tetrachloroethane	17.94	83	87983	0.96	ppb	99
68)	Propylbenzene	18.56	91	151266m	1.02	ppb	
69)	2-Chlorotoluene	18.60	91	95373m	0.94	ppb	
70)	4-ethyltoluene	18.72	105	109666m	0.96	ppb	
71)	1,3,5-trimethylbenzene	18.77	105	105363m	0.94	ppb	
72)	1,2,4-trimethylbenzene	19.21	105	97264	1.01	ppb	95
73)	1,3-dichlorobenzene	19.51	146	69844	1.00	ppb	97
74)	benzyl chloride	19.58	91	64191	0.98	ppb	97
75)	1,4-dichlorobenzene	19.64	146	67069	1.00	ppb	95
76)	1,2,3-trimethylbenzene	19.67	105	105262	0.99	ppb	93
77)	1,2-dichlorobenzene	19.96	146	71306	1.00	ppb	98
78)	1,2,4-trichlorobenzene	21.81	180	36378	0.94	ppb	94
79)	Naphthalene	22.00	128	95967	0.95	ppb	97
80)	Hexachloro-1,3-butadiene	22.08	225	78563	0.97	ppb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

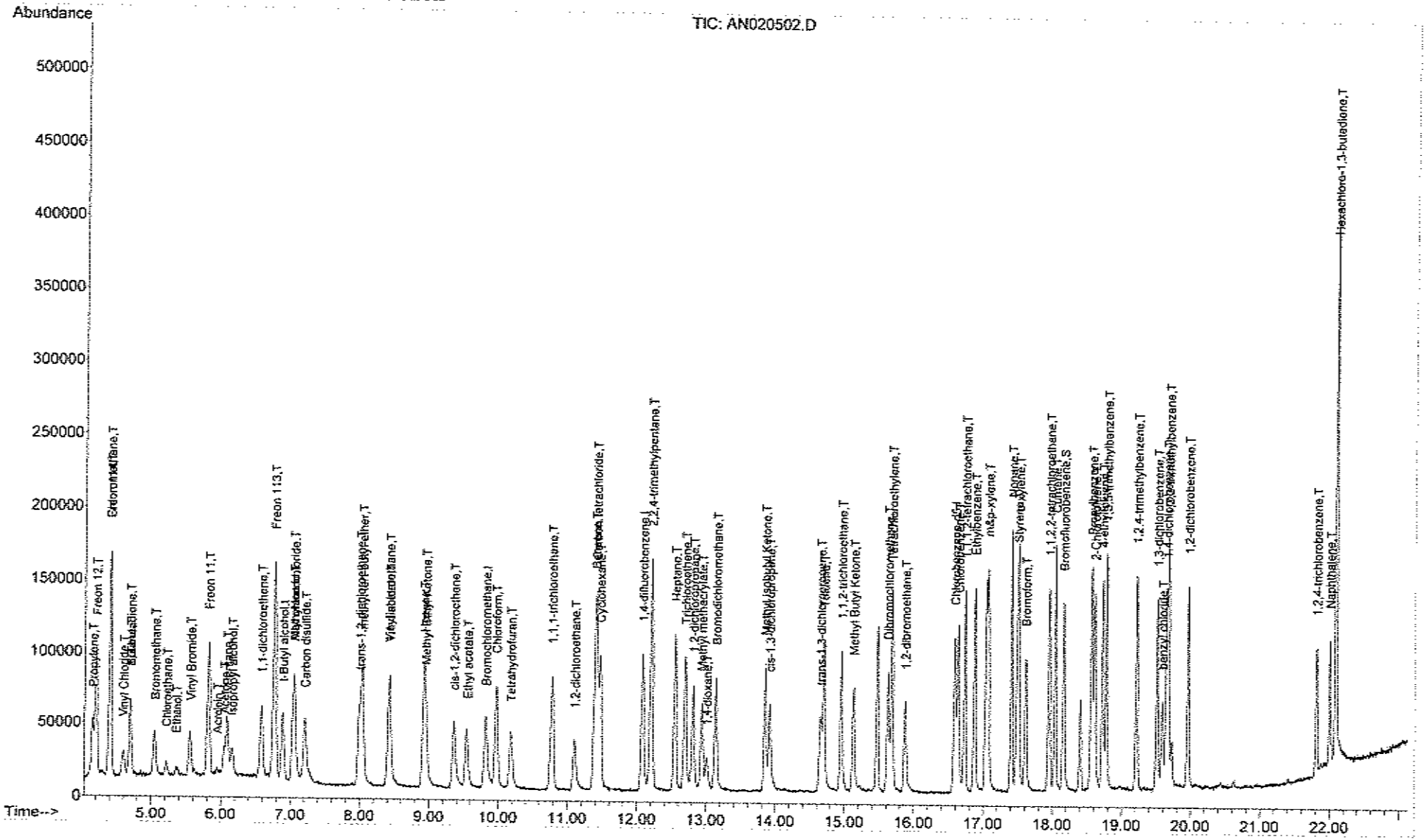
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020502.D
Acq On : 5 Feb 2016 9:58 am
Sample : A1UG_1.0
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 5 11:01 2016

Vial: 2
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration



AN020502.D A204_1UG.M Thu Mar 03 09:58:11 2016 MSD1

Centek Laboratories, LLC

GC/MS VOLATILES-WHOLE AIR

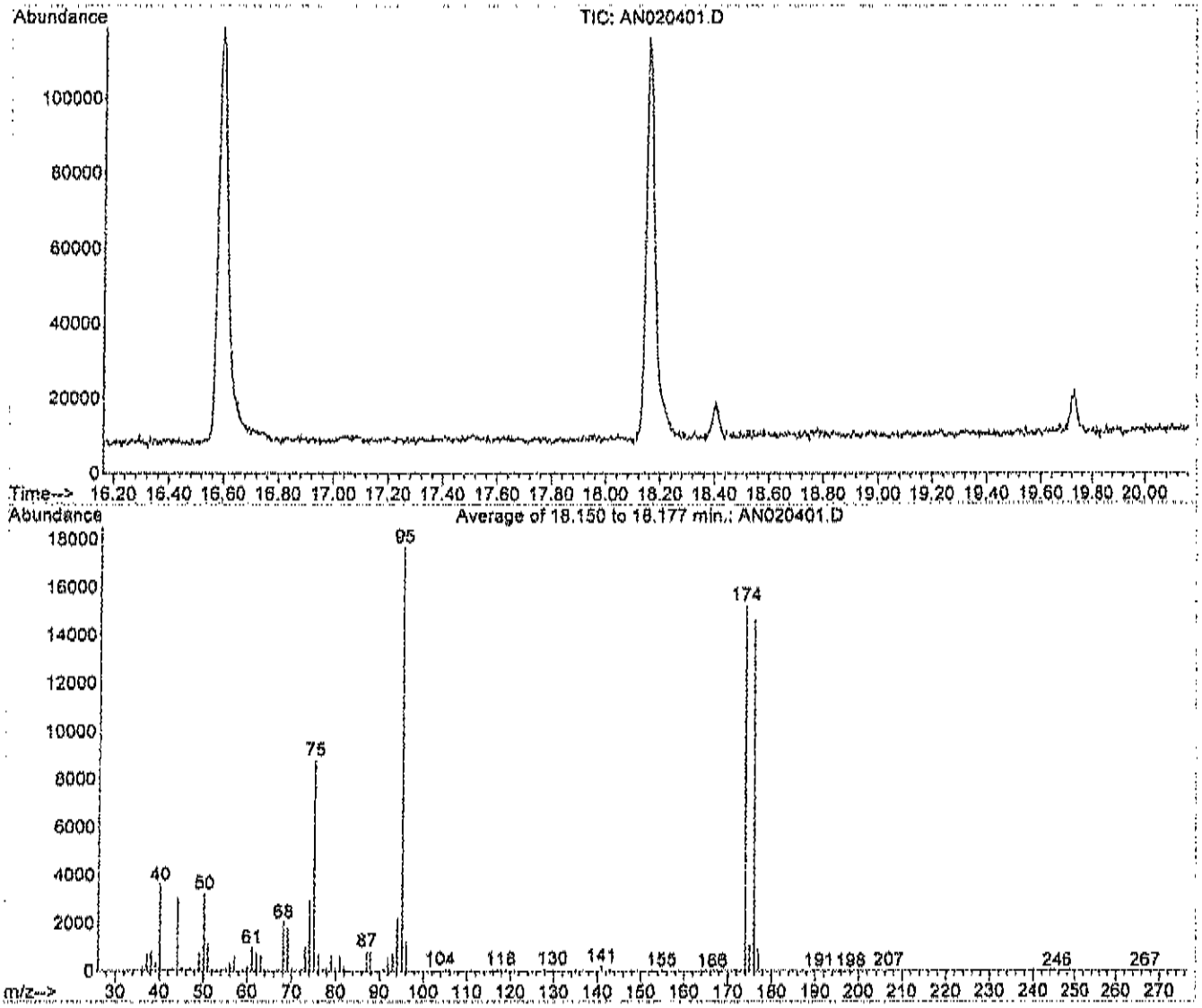
METHOD TO-15

RAW DATA

BFB

Data File : C:\HPCHEM\1\DATA\AN020401.D
Acq On : 4 Feb 2016 8:43 am
Sample : BFB1UG
Misc : A131_1UG
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration

Vial: 11
Operator: RJP
Inst : MSD #1
Multiplr: 1.00



Spectrum Information: Average of 18.150 to 18.177 min.

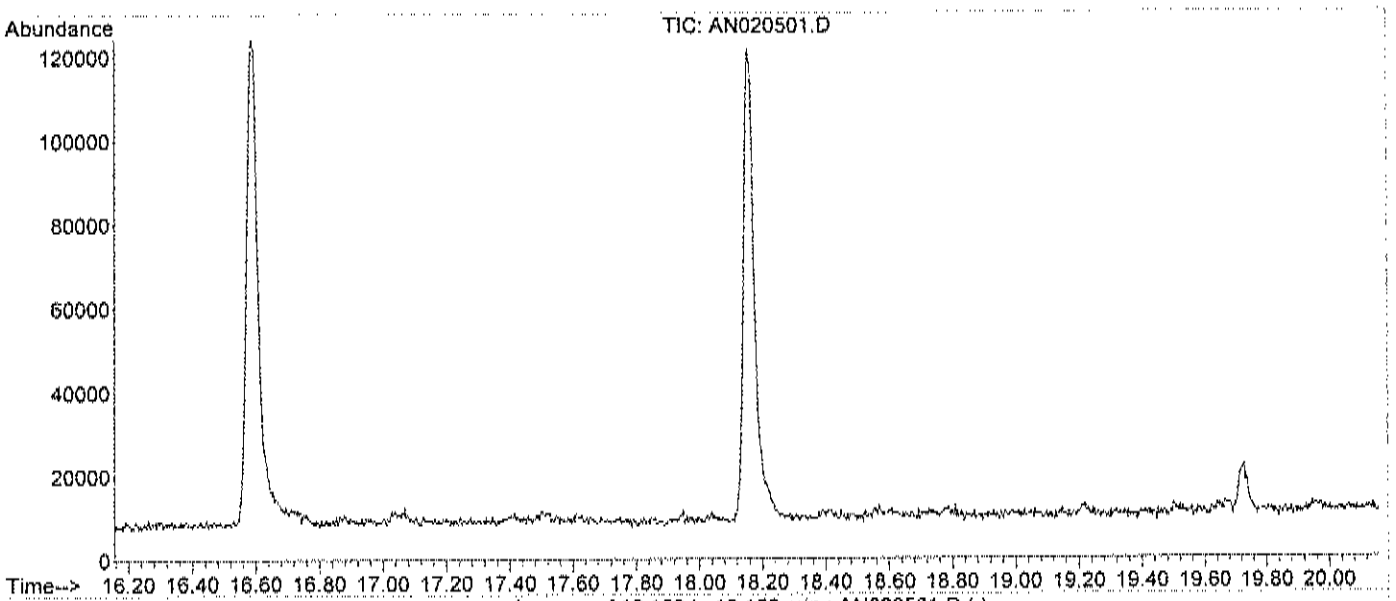
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	18.3	3242	PASS
75	95	30	66	49.8	8816	PASS
95	95	100	100	100.0	17690	PASS
96	95	5	9	7.0	1235	PASS
173	174	0.00	2	0.4	55	PASS
174	95	50	120	86.3	15262	PASS
175	174	4	9	7.3	1107	PASS
176	174	95	101	96.2	14681	PASS
177	176	5	9	6.4	936	PASS

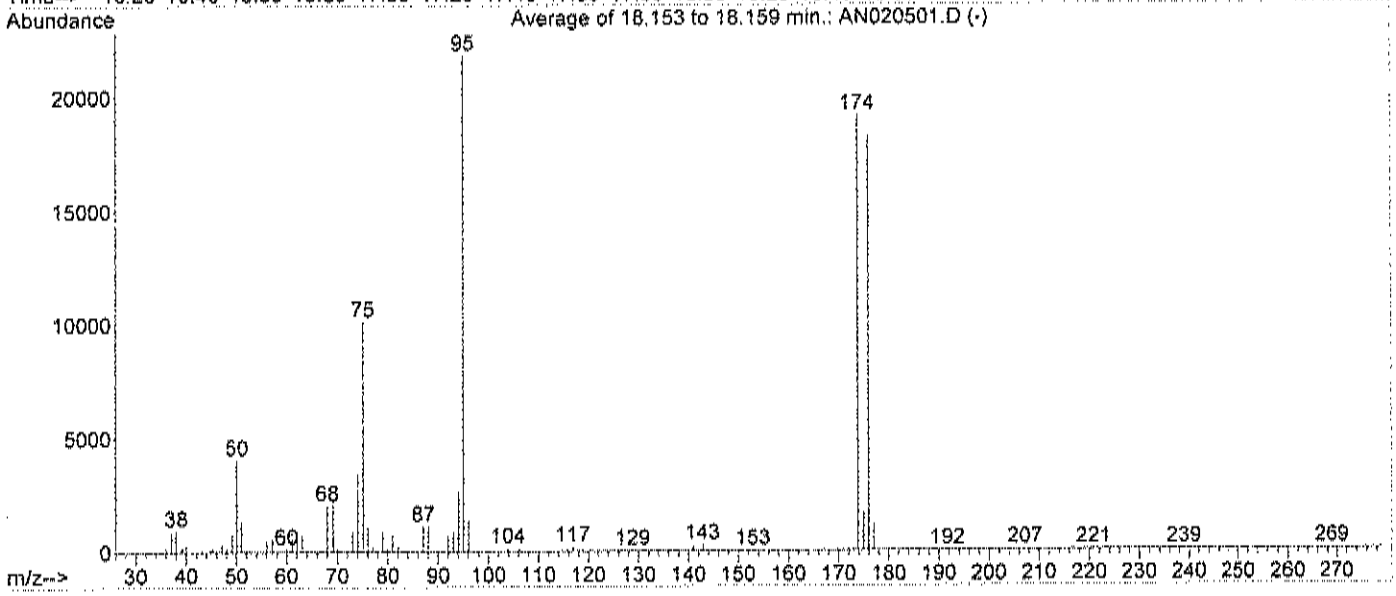
AN020401.D A204_1UG.M Thu Mar 03 11:04:37 2016 MSD1

BFB

Data File : C:\HPCHEM\1\DATA\AN020501.D
Acq On : 5 Feb 2016 9:10 am
Sample : BFB1UG
Misc : A204_1UG
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration

Vial: 1
Operator: RJP
Inst : MSD #1
Multiplr: 1.00





Spectrum Information: Average of 18.153 to 18.159 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	18.6	4070	PASS
75	95	30	66	46.4	10138	PASS
95	95	100	100	100.0	21848	PASS
96	95	5	9	6.5	1422	PASS
173	174	0.00	2	0.7	127	PASS
174	95	50	120	87.6	19146	PASS
175	174	4	9	8.6	1638	PASS
176	174	95	101	95.1	18216	PASS
177	176	5	9	6.5	1190	PASS

AN020501.D A204_1UG.M Thu Mar 03 09:57:58 2016 MSD1

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

RAW QC DATA

CENTEK LABORATORIES, LLC

Date: *03-Mar-16*

ANALYTICAL QC SUMMARY REPORT

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID **AMB1UG-020416** SampType: **MBLK** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **10619**
Client ID: **ZZZZZ** Batch ID: **R10619** TestNo: **TO-15** Analysis Date: **2/4/2016** SeqNo: **124919**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.15	0.15									
1,1,2,2-Tetrachloroethane	< 0.15	0.15									
1,1,2-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.15	0.15									
1,2,4-Trichlorobenzene	< 0.15	0.15									
1,2,4-Trimethylbenzene	< 0.15	0.15									
1,2-Dibromoethane	< 0.15	0.15									
1,2-Dichlorobenzene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
1,2-Dichloropropane	< 0.15	0.15									
1,3,5-Trimethylbenzene	< 0.15	0.15									
1,3-butadiene	< 0.15	0.15									
1,3-Dichlorobenzene	< 0.15	0.15									
1,4-Dichlorobenzene	< 0.15	0.15									
1,4-Dioxane	< 0.30	0.30									
2,2,4-trimethylpentane	< 0.15	0.15									
4-ethyltoluene	< 0.15	0.15									
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									
Benzyl chloride	< 0.15	0.15									
Bromodichloromethane	< 0.15	0.15									
Bromoform	< 0.15	0.15									
Bromomethane	< 0.15	0.15									

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID: AMB1UG-020416 SampType: MBLK TestCode: 0.25CT-TCE- Units: ppbV Prep Date: RunNo: 10619
Client ID: ZZZZZ Batch ID: R10619 TestNo: TO-15 Analysis Date: 2/4/2016 SeqNo: 124919

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	< 0.15	0.15									
Carbon tetrachloride	< 0.040	0.040									
Chlorobenzene	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
Chloroform	< 0.15	0.15									
Chloromethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.15	0.15									
cis-1,3-Dichloropropene	< 0.15	0.15									
Cyclohexane	< 0.15	0.15									
Dibromochloromethane	< 0.15	0.15									
Ethyl acetate	< 0.25	0.25									
Ethylbenzene	< 0.15	0.15									
Freon 11	< 0.15	0.15									
Freon 113	< 0.15	0.15									
Freon 114	< 0.15	0.15									
Freon 12	< 0.15	0.15									
Heptane	< 0.15	0.15									
Hexachloro-1,3-butadiene	< 0.15	0.15									
Hexane	< 0.15	0.15									
Isopropyl alcohol	< 0.15	0.15									
m&p-Xylene	< 0.30	0.30									
Methyl Butyl Ketone	< 0.30	0.30									
Methyl Ethyl Ketone	< 0.30	0.30									
Methyl Isobutyl Ketone	< 0.30	0.30									
Methyl tert-butyl ether	< 0.15	0.15									
Methylene chloride	< 0.15	0.15									
o-Xylene	< 0.15	0.15									
Propylene	< 0.15	0.15									
Styrene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
Tetrahydrofuran	< 0.15	0.15									

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

Centek Laboratories, LLC

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID AMB1UG-020416	SampType: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10619
Client ID: ZZZZZ	Batch ID: R10619	TestNo: TO-15		Analysis Date: 2/4/2016	SeqNo: 124919

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	< 0.15	0.15									
trans-1,2-Dichloroethene	< 0.15	0.15									
trans-1,3-Dichloropropene	< 0.15	0.15									
Trichloroethene	< 0.040	0.040									
Vinyl acetate	< 0.15	0.15									
Vinyl Bromide	< 0.15	0.15									
Vinyl chloride	< 0.040	0.040									

Sample ID AMB1UG-020516	SampType: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10620
Client ID: ZZZZZ	Batch ID: R10620	TestNo: TO-15		Analysis Date: 2/5/2016	SeqNo: 124929

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.15	0.15									
1,1,2,2-Tetrachloroethane	< 0.15	0.15									
1,1,2-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.15	0.15									
1,2,4-Trichlorobenzene	< 0.15	0.15									
1,2,4-Trimethylbenzene	< 0.15	0.15									
1,2-Dibromoethane	< 0.15	0.15									
1,2-Dichlorobenzene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
1,2-Dichloropropane	< 0.15	0.15									
1,3,5-Trimethylbenzene	< 0.15	0.15									
1,3-butadiene	< 0.15	0.15									
1,3-Dichlorobenzene	< 0.15	0.15									
1,4-Dichlorobenzene	< 0.15	0.15									
1,4-Dioxane	< 0.30	0.30									
2,2,4-trimethylpentane	< 0.15	0.15									
4-ethyltoluene	< 0.15	0.15									

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID	AMB1UG-020516	SampType:	MBLK	TestCode:	0.25CT-TCE-	Units:	ppbV	Prep Date:		RunNo:	10620
Client ID:	ZZZZZ	Batch ID:	R10620	TestNo:	TO-15			Analysis Date:	2/5/2016	SeqNo:	124929

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									
Benzyl chloride	< 0.15	0.15									
Bromodichloromethane	< 0.15	0.15									
Bromoform	< 0.15	0.15									
Bromomethane	< 0.15	0.15									
Carbon disulfide	< 0.15	0.15									
Carbon tetrachloride	< 0.040	0.040									
Chlorobenzene	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
Chloroform	< 0.15	0.15									
Chloromethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.15	0.15									
cis-1,3-Dichloropropene	< 0.15	0.15									
Cyclohexane	< 0.15	0.15									
Dibromochloromethane	< 0.15	0.15									
Ethyl acetate	< 0.25	0.25									
Ethylbenzene	< 0.15	0.15									
Freon 11	< 0.15	0.15									
Freon 113	< 0.15	0.15									
Freon 114	< 0.15	0.15									
Freon 12	< 0.15	0.15									
Heptane	< 0.15	0.15									
Hexachloro-1,3-buladiene	< 0.15	0.15									
Hexane	< 0.15	0.15									
Isopropyl alcohol	< 0.15	0.15									
m&p-Xylene	< 0.30	0.30									
Methyl Butyl Ketone	< 0.30	0.30									
Methyl Ethyl Ketone	< 0.30	0.30									
Methyl Isobutyl Ketone	< 0.30	0.30									

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

Centek Laboratories, LLC

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID: **AMB1UG-020516** SampType: **MBLK** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **10620**
Client ID: **ZZZZZ** Batch ID: **R10620** TestNo: **TO-15** Analysis Date: **2/5/2016** SeqNo: **124929**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	< 0.15	0.15									
Methylene chloride	< 0.15	0.15									
o-Xylene	< 0.15	0.15									
Propylene	< 0.15	0.15									
Styrene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
Tetrahydrofuran	< 0.15	0.15									
Toluene	< 0.15	0.15									
trans-1,2-Dichloroethene	< 0.15	0.15									
trans-1,3-Dichloropropene	< 0.15	0.15									
Trichloroethene	< 0.040	0.040									
Vinyl acetate	< 0.15	0.15									
Vinyl Bromide	< 0.15	0.15									
Vinyl chloride	< 0.040	0.040									

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

Centek Laboratories, LLC

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020414.D Vial: 12
Acq On : 4 Feb 2016 5:23 pm Operator: RJP
Sample : AMB1UG-020416 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 05 08:56:37 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.86	128	24415	1.00	ppb	0.04
35) 1,4-difluorobenzene	12.09	114	107761	1.00	ppb	0.00
50) Chlorobenzene-d5	16.59	117	90668	1.00	ppb	0.00
System Monitoring Compounds						
66) Bromofluorobenzene	18.16	95	49691	0.80	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 80.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

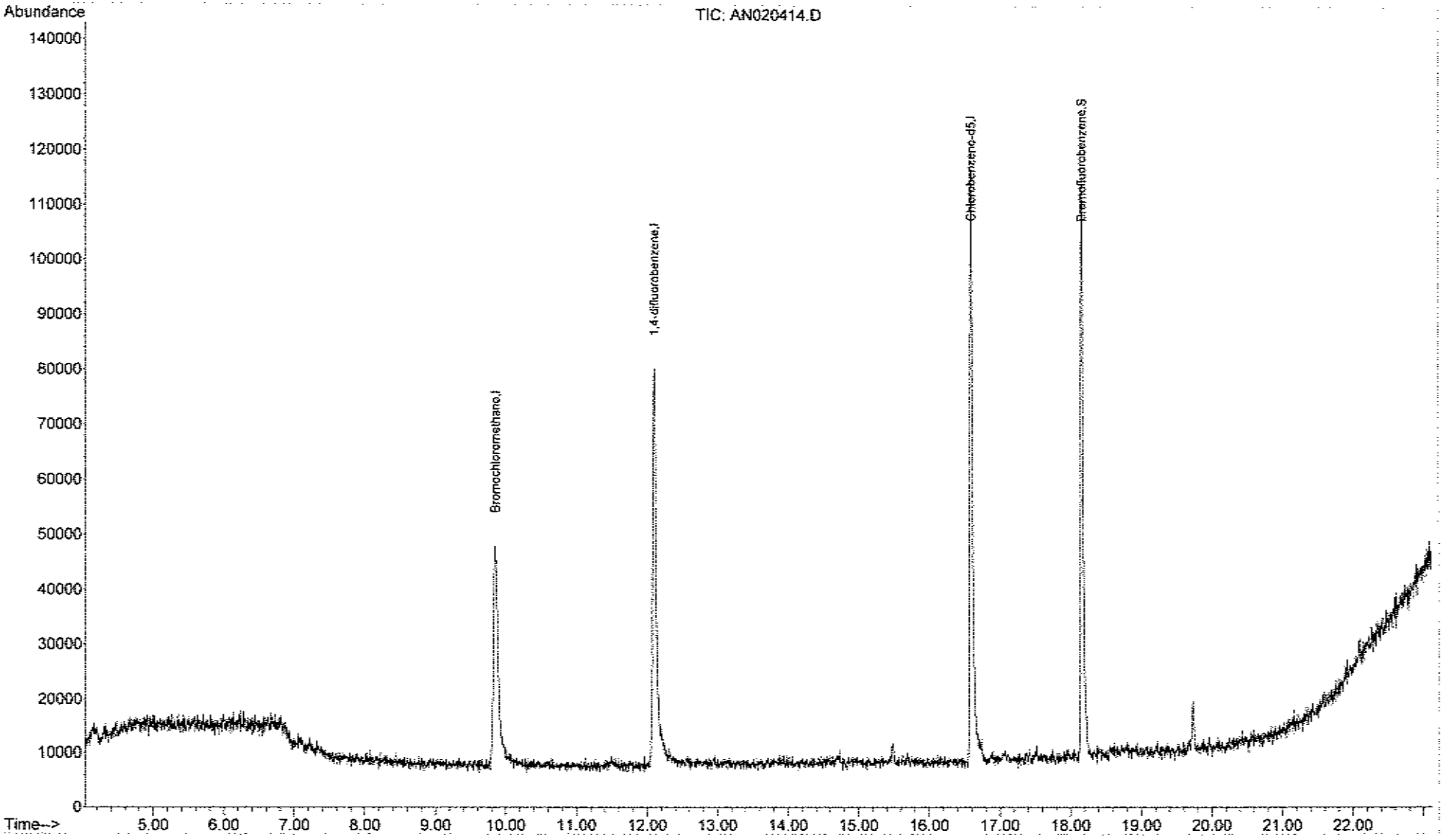
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020414.D
Acq On : 4 Feb 2016 5:23 pm
Sample : AMB1UG-020416
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 8 8:33 2016

Vial: 12
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020504.D Vial: 4
Acq On : 5 Feb 2016 11:20 am Operator: RJP
Sample : AMB1UG-020516 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 06 09:37:14 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.85	128	26093	1.00	ppb	0.03
35) 1,4-difluorobenzene	12.09	114	113355	1.00	ppb	0.00
50) Chlorobenzene-d5	16.59	117	93696	1.00	ppb	0.00
System Monitoring Compounds						
66) Bromofluorobenzene	18.16	95	50171	0.79	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 79.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

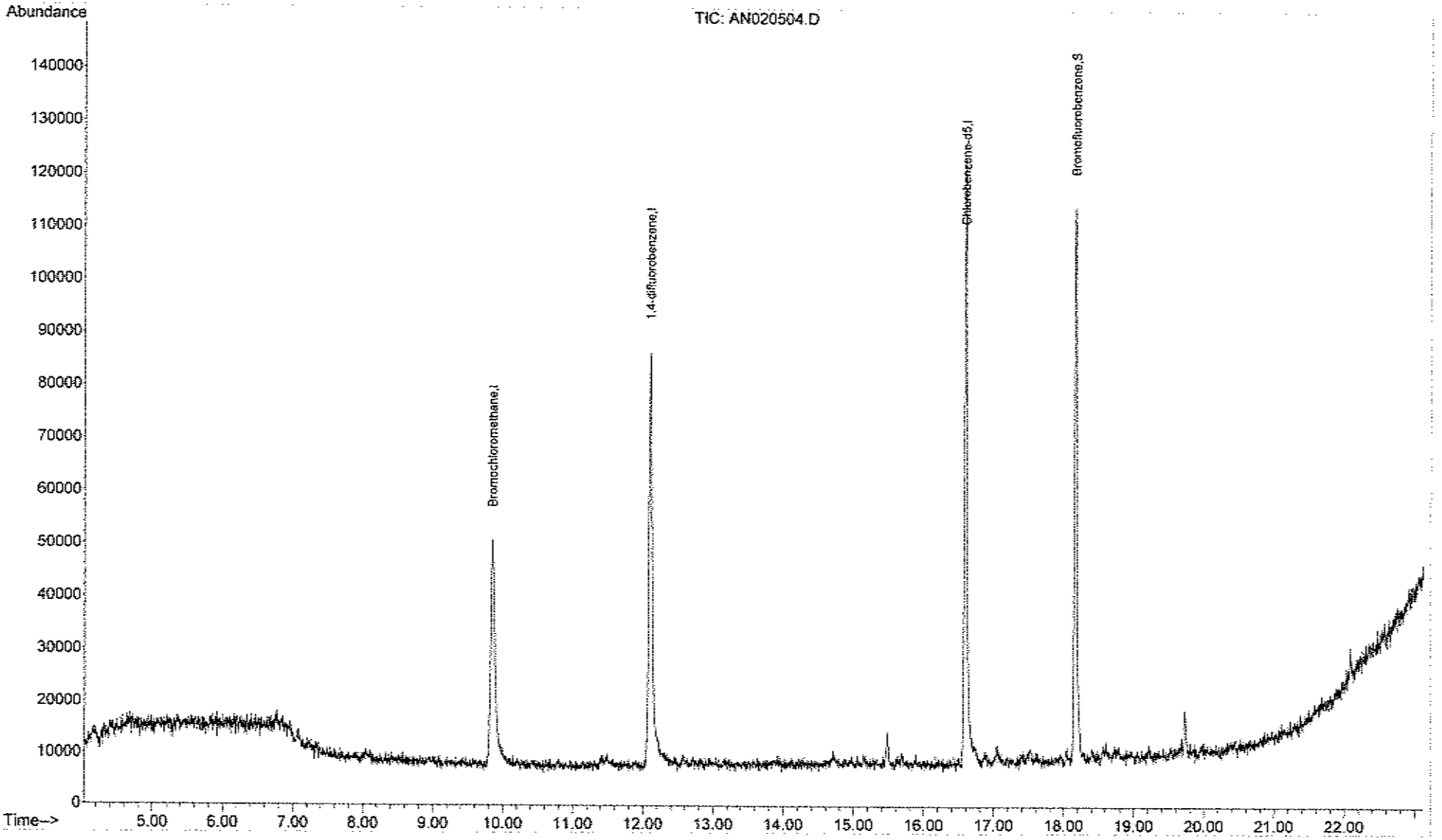
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020504.D
Acq On : 5 Feb 2016 11:20 am
Sample : AMB1UG-020516
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 8 10:11 2016

Vial: 4
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration



AN020504.D A204_1UG.M Thu Mar 03 09:55:10 2016 MSD1

Centek Laboratories, LLC

CENTEK LABORATORIES, LLC

Date: *03-Mar-16*

ANALYTICAL QC SUMMARY REPORT

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID ALCS1UG-020416	SampType: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10619
Client ID: ZZZZZ	Batch ID: R10619	TestNo: TO-15		Analysis Date: 2/4/2016	SeqNo: 124920

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.9000	0.15	1	0	90.0	70	130				
1,1,2,2-Tetrachloroethane	0.8800	0.15	1	0	88.0	70	130				
1,1,2-Trichloroethane	0.9500	0.15	1	0	95.0	70	130				
1,1-Dichloroethane	0.9600	0.15	1	0	96.0	70	130				
1,1-Dichloroethene	0.9700	0.15	1	0	97.0	70	130				
1,2,4-Trichlorobenzene	0.8500	0.15	1	0	85.0	70	130				
1,2,4-Trimethylbenzene	0.9300	0.15	1	0	93.0	70	130				
1,2-Dibromoethane	0.8800	0.15	1	0	88.0	70	130				
1,2-Dichlorobenzene	1.020	0.15	1	0	102	70	130				
1,2-Dichloroethane	0.9200	0.15	1	0	92.0	70	130				
1,2-Dichloropropane	0.9100	0.15	1	0	91.0	70	130				
1,3,5-Trimethylbenzene	0.9200	0.15	1	0	92.0	70	130				
1,3-butadiene	0.9700	0.15	1	0	97.0	70	130				
1,3-Dichlorobenzene	0.9000	0.15	1	0	90.0	70	130				
1,4-Dichlorobenzene	0.8800	0.15	1	0	88.0	70	130				
1,4-Dioxane	0.8100	0.30	1	0	81.0	70	130				
2,2,4-trimethylpentane	0.9500	0.15	1	0	95.0	70	130				
4-ethyltoluene	0.9200	0.15	1	0	92.0	70	130				
Acetone	0.9400	0.30	1	0	94.0	70	130				
Allyl chloride	1.040	0.15	1	0	104	70	130				
Benzene	0.9200	0.15	1	0	92.0	70	130				
Benzyl chloride	0.9100	0.15	1	0	91.0	70	130				
Bromodichloromethane	0.9600	0.15	1	0	96.0	70	130				
Bromoform	0.9500	0.15	1	0	95.0	70	130				
Bromomethane	0.9900	0.15	1	0	99.0	70	130				

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID ALCS1UG-020416	SampType: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10619
Client ID: ZZZZZ	Batch ID: R10619	TestNo: TO-15		Analysis Date: 2/4/2016	SeqNo: 124920

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	0.9500	0.15	1	0	95.0	70	130				
Carbon tetrachloride	0.9200	0.040	1	0	92.0	70	130				
Chlorobenzene	0.9500	0.15	1	0	95.0	70	130				
Chloroethane	1.040	0.15	1	0	104	70	130				
Chloroform	0.9300	0.15	1	0	93.0	70	130				
Chloromethane	0.9100	0.15	1	0	91.0	70	130				
cis-1,2-Dichloroethene	0.9300	0.15	1	0	93.0	70	130				
cis-1,3-Dichloropropene	0.9200	0.15	1	0	92.0	70	130				
Cyclohexane	0.9400	0.15	1	0	94.0	70	130				
Dibromochloromethane	0.9600	0.15	1	0	96.0	70	130				
Ethyl acetate	0.9900	0.25	1	0	99.0	70	130				
Ethylbenzene	0.9800	0.15	1	0	98.0	70	130				
Freon 11	1.040	0.15	1	0	104	70	130				
Freon 113	1.170	0.15	1	0	117	70	130				
Freon 114	0.9500	0.15	1	0	95.0	70	130				
Freon 12	0.9700	0.15	1	0	97.0	70	130				
Heptane	0.9000	0.15	1	0	90.0	70	130				
Hexachloro-1,3-butadiene	0.8600	0.15	1	0	86.0	70	130				
Hexane	0.9200	0.15	1	0	92.0	70	130				
Isopropyl alcohol	0.9800	0.15	1	0	98.0	70	130				
m&p-Xylene	2.030	0.30	2	0	102	70	130				
Methyl Butyl Ketone	0.5800	0.30	1	0	58.0	70	130				S
Methyl Ethyl Ketone	1.040	0.30	1	0	104	70	130				
Methyl Isobutyl Ketone	0.7500	0.30	1	0	75.0	70	130				
Methyl tert-butyl ether	0.9700	0.15	1	0	97.0	70	130				
Methylene chloride	1.040	0.15	1	0	104	70	130				
o-Xylene	0.9800	0.15	1	0	98.0	70	130				
Propylene	0.9600	0.15	1	0	96.0	70	130				
Styrene	0.9100	0.15	1	0	91.0	70	130				
Tetrachloroethylene	0.8300	0.15	1	0	83.0	70	130				
Tetrahydrofuran	0.9100	0.15	1	0	91.0	70	130				

Qualifiers:
. Results reported are not blank corrected
J Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

Centek Laboratories, LLC

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID ALCS1UG-020416	SampType: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10619
Client ID: ZZZZZ	Batch ID: R10619	TestNo: TO-15		Analysis Date: 2/4/2016	SeqNo: 124920

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	0.8800	0.15	1	0	88.0	70	130				
trans-1,2-Dichloroethene	0.9400	0.15	1	0	94.0	70	130				
trans-1,3-Dichloropropene	0.9700	0.15	1	0	97.0	70	130				
Trichloroethene	0.8800	0.040	1	0	88.0	70	130				
Vinyl acetate	0.8500	0.15	1	0	85.0	70	130				
Vinyl Bromide	0.9800	0.15	1	0	98.0	70	130				
Vinyl chloride	0.9400	0.040	1	0	94.0	70	130				

Sample ID ALCS1UG-020516	SampType: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10620
Client ID: ZZZZZ	Batch ID: R10620	TestNo: TO-15		Analysis Date: 2/5/2016	SeqNo: 124930

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.9200	0.15	1	0	92.0	70	130				
1,1,2,2-Tetrachloroethane	0.8600	0.15	1	0	86.0	70	130				
1,1,2-Trichloroethane	0.8800	0.15	1	0	88.0	70	130				
1,1-Dichloroethane	0.9600	0.15	1	0	96.0	70	130				
1,1-Dichloroethene	0.9500	0.15	1	0	95.0	70	130				
1,2,4-Trichlorobenzene	0.9100	0.15	1	0	91.0	70	130				
1,2,4-Trimethylbenzene	0.9100	0.15	1	0	91.0	70	130				
1,2-Dibromoethane	0.9600	0.15	1	0	96.0	70	130				
1,2-Dichlorobenzene	0.9500	0.15	1	0	95.0	70	130				
1,2-Dichloroethane	0.8800	0.15	1	0	88.0	70	130				
1,2-Dichloropropane	0.9500	0.15	1	0	95.0	70	130				
1,3,5-Trimethylbenzene	0.8800	0.15	1	0	88.0	70	130				
1,3-butadiene	0.9300	0.15	1	0	93.0	70	130				
1,3-Dichlorobenzene	0.9600	0.15	1	0	96.0	70	130				
1,4-Dichlorobenzene	0.9500	0.15	1	0	95.0	70	130				
1,4-Dioxane	1.110	0.30	1	0	111	70	130				
2,2,4-trimethylpentane	0.9600	0.15	1	0	96.0	70	130				
4-ethyltoluene	0.8800	0.15	1	0	88.0	70	130				

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

Centek Laboratories, LLC

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID **ALCS1UG-020516** SampType: **LCS** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **10620**
Client ID: **ZZZZZ** Batch ID: **R10620** TestNo: **TO-15** Analysis Date: **2/5/2016** SeqNo: **124930**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	1.020	0.30	1	0	102	70	130				
Allyl chloride	1.040	0.15	1	0	104	70	130				
Benzene	0.9600	0.15	1	0	96.0	70	130				
Benzyl chloride	0.9600	0.15	1	0	96.0	70	130				
Bromodichloromethane	0.9900	0.15	1	0	99.0	70	130				
Bromoform	0.9200	0.15	1	0	92.0	70	130				
Bromomethane	1.030	0.15	1	0	103	70	130				
Carbon disulfide	0.9500	0.15	1	0	95.0	70	130				
Carbon tetrachloride	0.9300	0.040	1	0	93.0	70	130				
Chlorobenzene	0.9100	0.15	1	0	91.0	70	130				
Chloroethane	1.050	0.15	1	0	105	70	130				
Chloroform	0.9200	0.15	1	0	92.0	70	130				
Chloromethane	0.8300	0.15	1	0	83.0	70	130				
cis-1,2-Dichloroethene	0.9400	0.15	1	0	94.0	70	130				
cis-1,3-Dichloropropene	0.9300	0.15	1	0	93.0	70	130				
Cyclohexane	0.9700	0.15	1	0	97.0	70	130				
Dibromochloromethane	0.9600	0.15	1	0	96.0	70	130				
Ethyl acetate	1.030	0.25	1	0	103	70	130				
Ethylbenzene	0.9000	0.15	1	0	90.0	70	130				
Freon 11	1.020	0.15	1	0	102	70	130				
Freon 113	1.040	0.15	1	0	104	70	130				
Freon 114	0.9100	0.15	1	0	91.0	70	130				
Freon 12	0.9600	0.15	1	0	96.0	70	130				
Heptane	0.9200	0.15	1	0	92.0	70	130				
Hexachloro-1,3-butadiene	1.000	0.15	1	0	100	70	130				
Hexane	0.9400	0.15	1	0	94.0	70	130				
Isopropyl alcohol	1.000	0.15	1	0	100	70	130				
m&p-Xylene	1.810	0.30	2	0	90.5	70	130				
Methyl Butyl Ketone	1.180	0.30	1	0	118	70	130				
Methyl Ethyl Ketone	1.010	0.30	1	0	101	70	130				
Methyl Isobutyl Ketone	1.270	0.30	1	0	127	70	130				

Qualifiers:
- . Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID: **ALCS1UG-020516** SampType: **LCS** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **10620**
Client ID: **ZZZZZ** Batch ID: **R10620** TestNo: **TO-15** Analysis Date: **2/5/2016** SeqNo: **124930**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	0.9500	0.15	1	0	95.0	70	130				
Methylene chloride	1.060	0.15	1	0	106	70	130				
o-Xylene	0.9100	0.15	1	0	91.0	70	130				
Propylene	0.9400	0.15	1	0	94.0	70	130				
Styrene	0.9000	0.15	1	0	90.0	70	130				
Tetrachloroethylene	0.9700	0.15	1	0	97.0	70	130				
Tetrahydrofuran	0.9000	0.15	1	0	90.0	70	130				
Toluene	1.060	0.15	1	0	106	70	130				
trans-1,2-Dichloroethene	0.9200	0.15	1	0	92.0	70	130				
trans-1,3-Dichloropropene	0.9700	0.15	1	0	97.0	70	130				
Trichloroethene	0.9400	0.040	1	0	94.0	70	130				
Vinyl acetate	0.8500	0.15	1	0	85.0	70	130				
Vinyl Bromide	0.9900	0.15	1	0	99.0	70	130				
Vinyl chloride	0.9100	0.040	1	0	91.0	70	130				

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

Centek Laboratories, LLC

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020413.D Vial: 11
Acq On : 4 Feb 2016 4:46 pm Operator: RJP
Sample : ALCS1UG-020416 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 05 08:56:35 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.82	128	25053	1.00	ppb		0.00
35) 1,4-difluorobenzene	12.08	114	108479	1.00	ppb		0.00
50) Chlorobenzene-d5	16.58	117	80716	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.15	95	51681	0.94	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 94.00%				
Target Compounds							Qvalue
2) Propylene	4.15	41	29826	0.96	ppb	#	100
3) Freon 12	4.20	85	105759	0.97	ppb		98
4) Chloromethane	4.40	50	30068	0.91	ppb		96
5) Freon 114	4.40	85	86787	0.95	ppb		99
6) Vinyl Chloride	4.59	62	24708	0.94	ppb		86
7) Butane	4.69	43	32112	1.01	ppb		95
8) 1,3-butadiene	4.69	39	21700	0.97	ppb		84
9) Bromomethane	5.05	94	29650	0.99	ppb		94
10) Chloroethane	5.22	64	10880	1.04	ppb	#	83
11) Ethanol	5.38	45	6292m	0.98	ppb		
12) Acrolein	5.94	56	6799m	0.87	ppb		
13) Vinyl Bromide	5.56	106	29280	0.98	ppb		95
14) Freon 11	5.82	101	114446	1.04	ppb		99
15) Acetone	6.06	58	9921	0.94	ppb		99
16) Pentane	6.09	42	21266	1.01	ppb		93
17) Isopropyl alcohol	6.17	45	30063	0.98	ppb	#	46
18) 1,1-dichloroethene	6.58	96	28372	0.97	ppb		94
19) Freon 113	6.76	101	81108	1.17	ppb		92
20) t-Butyl alcohol	6.90	59	55500	1.01	ppb	#	77
21) Methylene chloride	7.06	84	34284	1.04	ppb	#	80
22) Allyl chloride	7.05	41	39073	1.04	ppb		95
23) Carbon disulfide	7.21	76	97269	0.95	ppb		97
24) trans-1,2-dichloroethene	7.99	61	47549	0.94	ppb		94
25) methyl tert-butyl ether	8.04	73	90137	0.97	ppb		90
26) 1,1-dichloroethane	8.42	63	66724	0.96	ppb		98
27) Vinyl acetate	8.44	43	70096	0.85	ppb		100
28) Methyl Ethyl Ketone	8.96	72	16908	1.04	ppb	#	100
29) cis-1,2-dichloroethene	9.36	61	42918	0.93	ppb		95
30) Hexane	8.92	57	50355	0.92	ppb		93
31) Ethyl acetate	9.55	43	75950	0.99	ppb		94
32) Chloroform	9.97	83	75647	0.93	ppb		98
33) Tetrahydrofuran	10.19	42	34451	0.91	ppb		97
34) 1,2-dichloroethane	11.10	62	44440	0.92	ppb		87
36) 1,1,1-trichloroethane	10.78	97	67451	0.90	ppb		100
37) Cyclohexane	11.47	56	48191	0.94	ppb		93
38) Carbon tetrachloride	11.42	117	70516	0.92	ppb		97
39) Benzene	11.40	78	88247	0.92	ppb		99
40) Methyl methacrylate	12.94	41	40236	1.05	ppb		91
41) 1,4-dioxane	13.02	88	15728	0.81	ppb		96
42) 2,2,4-trimethylpentane	12.21	57	167702	0.95	ppb		95
43) Heptane	12.55	43	48740	0.90	ppb		98
44) Trichloroethene	12.70	130	39109	0.88	ppb		99
45) 1,2-dichloropropane	12.82	63	33979	0.91	ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020413.D Vial: 11
Acq On : 4 Feb 2016 4:46 pm Operator: RJP
Sample : ALCS1UG-020416 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 05 08:56:35 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46)	Bromodichloromethane	13.14	83	66119	0.96	ppb	99
47)	cis-1,3-dichloropropene	13.92	75	46935	0.92	ppb	99
48)	trans-1,3-dichloropropene	14.66	75	45144	0.97	ppb	93
49)	1,1,2-trichloroethane	14.95	97	37179	0.95	ppb	100
51)	Toluene	14.70	92	47488	0.88	ppb	97
52)	Methyl Isobutyl Ketone	13.85	43	56576	0.75	ppb	97
53)	Dibromochloromethane	15.63	129	56085m	0.96	ppb	
54)	Methyl Butyl Ketone	15.13	43	43098m	0.58	ppb	
55)	1,2-dibromoethane	15.87	107	55659	0.88	ppb	98
56)	Tetrachloroethylene	15.68	164	31449	0.83	ppb	99
57)	Chlorobenzene	16.63	112	73119	0.95	ppb	90
58)	1,1,1,2-tetrachloroethane	16.73	131	41336	1.00	ppb	92
59)	Ethylbenzene	16.87	91	115952	0.98	ppb	97
60)	m&p-xylene	17.06	91	184293	2.03	ppb	95
61)	Nonane	17.40	43	68023	0.92	ppb	95
62)	Styrene	17.49	104	63879	0.91	ppb	85
63)	Bromoform	17.61	173	52214	0.95	ppb	99
64)	o-xylene	17.51	91	102776	0.98	ppb	91
65)	Cumene	18.04	105	114043	0.88	ppb	99
67)	1,1,2,2-tetrachloroethane	17.95	83	83045	0.88	ppb	97
68)	Propylbenzene	18.56	91	128510m	0.84	ppb	
69)	2-Chlorotoluene	18.60	91	93593m	0.90	ppb	
70)	4-ethyltoluene	18.72	105	108612m	0.92	ppb	
71)	1,3,5-trimethylbenzene	18.78	105	105914m	0.92	ppb	
72)	1,2,4-trimethylbenzene	19.21	105	92440	0.93	ppb	93
73)	1,3-dichlorobenzene	19.50	146	64187	0.90	ppb	97
74)	benzyl chloride	19.58	91	61231	0.91	ppb	99
75)	1,4-dichlorobenzene	19.64	146	60337	0.88	ppb	96
76)	1,2,3-trimethylbenzene	19.67	105	106556	0.98	ppb	95
77)	1,2-dichlorobenzene	19.96	146	74519	1.02	ppb	95
78)	1,2,4-trichlorobenzene	21.80	180	33791m	0.85	ppb	
79)	Naphthalene	22.00	128	87806m	0.85	ppb	
80)	Hexachloro-1,3-butadiene	22.08	225	71600	0.86	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

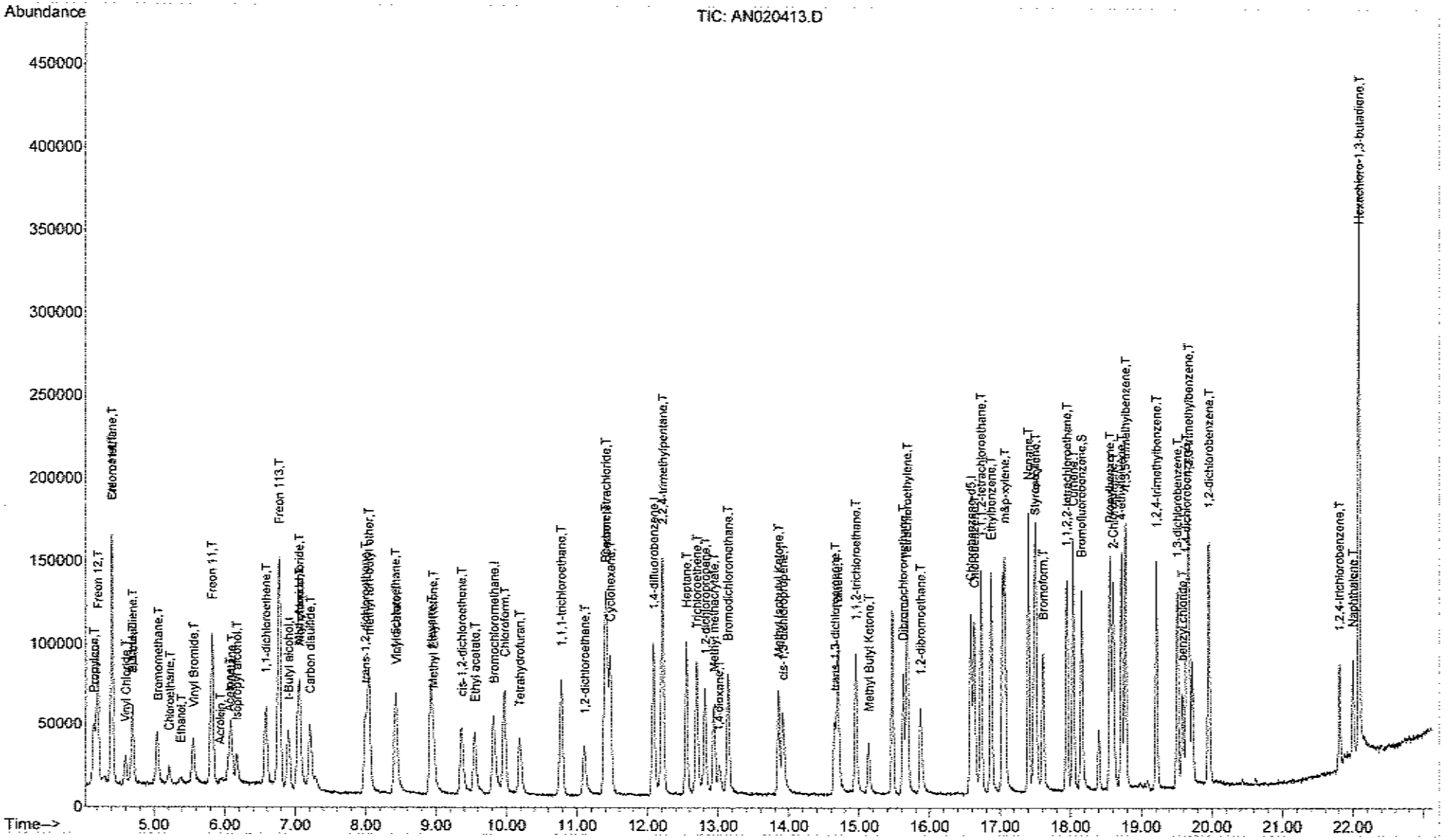
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020413.D
Acq On : 4 Feb 2016 4:46 pm
Sample : ALCS1UG-020416
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 8 8:33 2016

Vial: 11
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration



AN020413.D A204_1UG.M Thu Mar 03 09:54:56 2016 MSD1 Page 3

Centek Laboratories, LLC

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020503.D Vial: 3
Acq On : 5 Feb 2016 10:44 am Operator: RJP
Sample : ALCS1UG-020516 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 06 09:37:06 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.82	128	26058	1.00	ppb		0.00
35) 1,4-difluorobenzene	12.08	114	109201	1.00	ppb		0.00
50) Chlorobenzene-d5	16.58	117	72263	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.15	95	48141	0.98	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 98.00%				
Target Compounds							Qvalue
2) Propylene	4.15	41	30401	0.94	ppb	#	100
3) Freon 12	4.20	85	108653	0.96	ppb		100
4) Chloromethane	4.40	50	28587	0.83	ppb		95
5) Freon 114	4.40	85	86575	0.91	ppb		98
6) Vinyl Chloride	4.60	62	24678	0.91	ppb		88
7) Butane	4.69	43	33730	1.02	ppb		97
8) 1,3-butadiene	4.70	39	21622	0.93	ppb		82
9) Bromomethane	5.05	94	31966	1.03	ppb		97
10) Chloroethane	5.22	64	11427	1.05	ppb		96
11) Ethanol	5.37	45	8196m	1.23	ppb		
12) Acrolein	5.95	56	8607	1.06	ppb	#	5
13) Vinyl Bromide	5.56	106	30881	0.99	ppb		97
14) Freon 11	5.82	101	116776	1.02	ppb		98
15) Acetone	6.06	58	11197	1.02	ppb	#	72
16) Pentane	6.08	42	21832	1.00	ppb		98
17) Isopropyl alcohol	6.16	45	31691	1.00	ppb	#	46
18) 1,1-dichloroethene	6.58	96	28880	0.95	ppb		96
19) Freon 113	6.77	101	74862	1.04	ppb		98
20) t-Butyl alcohol	6.89	59	73390	1.28	ppb	#	76
21) Methylene chloride	7.06	84	36291	1.06	ppb	#	81
22) Allyl chloride	7.03	41	40289	1.04	ppb	#	58
23) Carbon disulfide	7.21	76	101237	0.95	ppb		98
24) trans-1,2-dichloroethene	7.99	61	48602	0.92	ppb		90
25) methyl tert-butyl ether	8.04	73	91206	0.95	ppb		92
26) 1,1-dichloroethane	8.42	63	69369	0.96	ppb		99
27) Vinyl acetate	8.43	43	73554	0.85	ppb		100
28) Methyl Ethyl Ketone	8.96	72	17102	1.01	ppb	#	100
29) cis-1,2-dichloroethene	9.36	61	45313	0.94	ppb		93
30) Hexane	8.92	57	53573	0.94	ppb		88
31) Ethyl acetate	9.54	43	82136	1.03	ppb		94
32) Chloroform	9.97	83	77623	0.92	ppb		98
33) Tetrahydrofuran	10.19	42	35459	0.90	ppb		99
34) 1,2-dichloroethane	11.10	62	44354	0.88	ppb		90
36) 1,1,1-trichloroethane	10.78	97	69571	0.92	ppb		98
37) Cyclohexane	11.47	56	50227	0.97	ppb		92
38) Carbon tetrachloride	11.41	117	72130	0.93	ppb		98
39) Benzene	11.39	78	92507	0.96	ppb		98
40) Methyl methacrylate	12.94	41	39983	1.04	ppb		88
41) 1,4-dioxane	13.02	88	21717	1.11	ppb		98
42) 2,2,4-trimethylpentane	12.21	57	170442	0.96	ppb		94
43) Heptane	12.55	43	50125	0.92	ppb		99
44) Trichloroethene	12.70	130	41997	0.94	ppb		98
45) 1,2-dichloropropane	12.81	63	35976	0.95	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020503.D Vial: 3
Acq On : 5 Feb 2016 10:44 am Operator: RJP
Sample : ALCS1UG-020516 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 06 09:37:06 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46)	Bromodichloromethane	13.14	83	69062	0.99	ppb	99
47)	cis-1,3-dichloropropene	13.91	75	47797	0.93	ppb	99
48)	trans-1,3-dichloropropene	14.65	75	45397	0.97	ppb	96
49)	1,1,2-trichloroethane	14.95	97	34898	0.88	ppb	98
51)	Toluene	14.69	92	51339	1.06	ppb	99
52)	Methyl Isobutyl Ketone	13.85	43	86399	1.27	ppb	96
53)	Dibromochloromethane	15.63	129	49911m	0.96	ppb	
54)	Methyl Butyl Ketone	15.12	43	78352	1.18	ppb	97
55)	1,2-dibromoethane	15.87	107	54645	0.96	ppb	96
56)	Tetrachloroethylene	15.68	164	33203	0.97	ppb	99
57)	Chlorobenzene	16.63	112	63292	0.91	ppb	90
58)	1,1,1,2-tetrachloroethane	16.73	131	33760	0.92	ppb	94
59)	Ethylbenzene	16.87	91	95349	0.90	ppb	96
60)	m&p-xylene	17.06	91	147513	1.81	ppb	92
61)	Nonane	17.40	43	55744	0.84	ppb	95
62)	Styrene	17.48	104	56706	0.90	ppb	83
63)	Bromoform	17.60	173	45137	0.92	ppb	98
64)	o-xylene	17.51	91	85595	0.91	ppb	91
65)	Cumene	18.04	105	92313	0.80	ppb	97
67)	1,1,2,2-tetrachloroethane	17.94	83	72260	0.86	ppb	99
68)	Propylbenzene	18.56	91	114607m	0.84	ppb	
69)	2-Chlorotoluene	18.60	91	84812m	0.91	ppb	
70)	4-ethyltoluene	18.72	105	93008m	0.88	ppb	
71)	1,3,5-trimethylbenzene	18.78	105	90774m	0.88	ppb	
72)	1,2,4-trimethylbenzene	19.21	105	80746	0.91	ppb	93
73)	1,3-dichlorobenzene	19.50	146	61384	0.96	ppb	97
74)	benzyl chloride	19.58	91	58133	0.96	ppb	97
75)	1,4-dichlorobenzene	19.64	146	58372	0.95	ppb	97
76)	1,2,3-trimethylbenzene	19.67	105	86805	0.89	ppb	98
77)	1,2-dichlorobenzene	19.96	146	62658	0.95	ppb	95
78)	1,2,4-trichlorobenzene	21.80	180	32282	0.91	ppb	92
79)	Naphthalene	22.00	128	92815	1.00	ppb	97
80)	Hexachloro-1,3-butadiene	22.08	225	74380	1.00	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

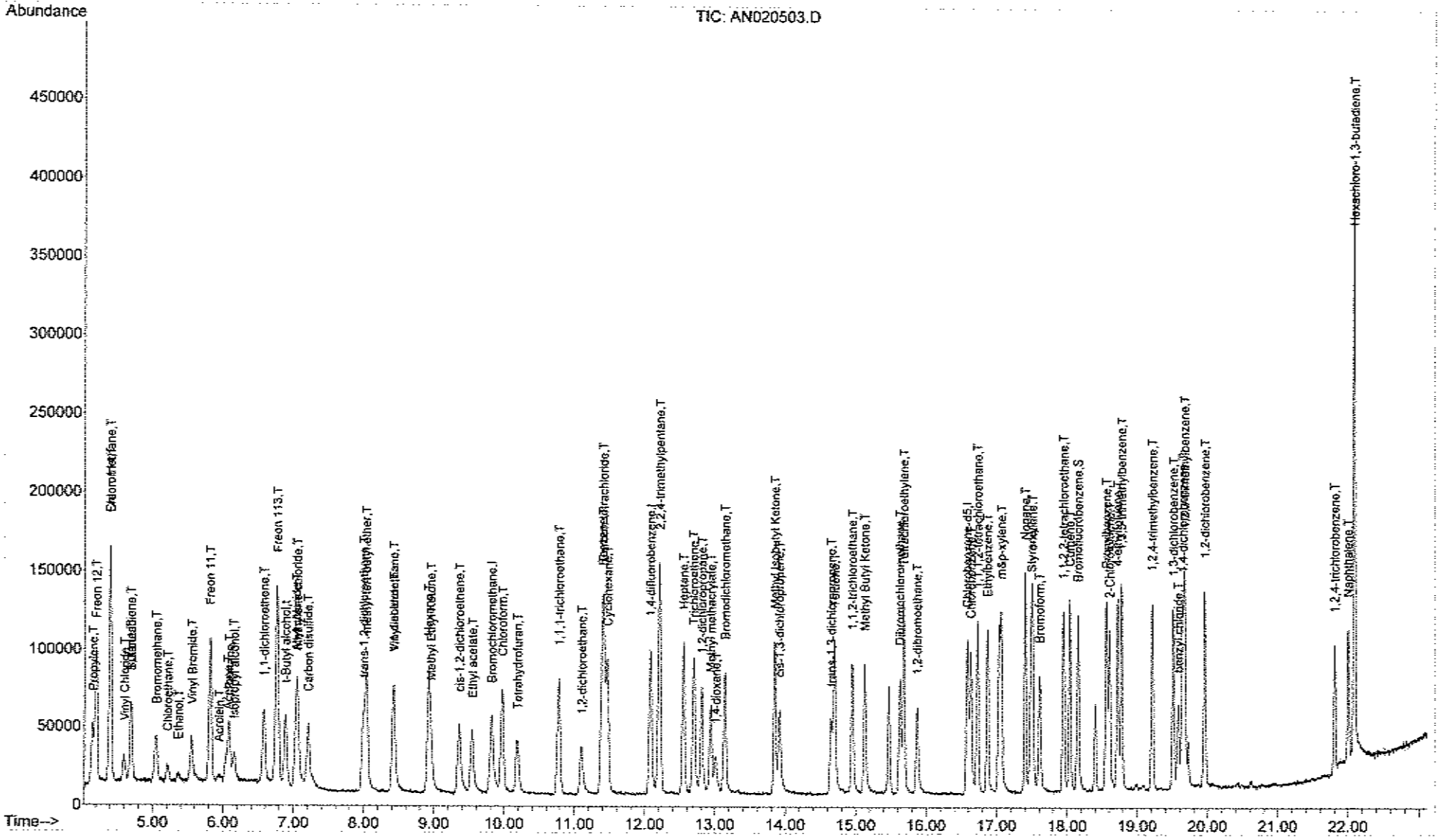
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020503.D
Acq On : 5 Feb 2016 10:44 am
Sample : ALCS1UG-020516
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 8 10:10 2016

Vial: 3
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration



Centek Laboratories, LLC

CENTEK LABORATORIES, LLC

Date: *03-Mar-16*

ANALYTICAL QC SUMMARY REPORT

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID **ALCS1UGD-020416** SampType: **LCSD** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **10619**
Client ID: **ZZZZZ** Batch ID: **R10619** TestNo: **TO-15** Analysis Date: **2/5/2016** SeqNo: **124921**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.8700	0.15	1	0	87.0	70	130	0.9	3.39	30	
1,1,2,2-Tetrachloroethane	0.8600	0.15	1	0	86.0	70	130	0.88	2.30	30	
1,1,2-Trichloroethane	0.8900	0.15	1	0	89.0	70	130	0.95	6.52	30	
1,1-Dichloroethane	0.9500	0.15	1	0	95.0	70	130	0.96	1.05	30	
1,1-Dichloroethene	0.9300	0.15	1	0	93.0	70	130	0.97	4.21	30	
1,2,4-Trichlorobenzene	0.8200	0.15	1	0	82.0	70	130	0.85	3.59	30	
1,2,4-Trimethylbenzene	0.9000	0.15	1	0	90.0	70	130	0.93	3.28	30	
1,2-Dibromoethane	0.9200	0.15	1	0	92.0	70	130	0.88	4.44	30	
1,2-Dichlorobenzene	0.8700	0.15	1	0	87.0	70	130	1.02	15.9	30	
1,2-Dichloroethane	0.8900	0.15	1	0	89.0	70	130	0.92	3.31	30	
1,2-Dichloropropane	0.8900	0.15	1	0	89.0	70	130	0.91	2.22	30	
1,3,5-Trimethylbenzene	0.9100	0.15	1	0	91.0	70	130	0.92	1.09	30	
1,3-butadiene	0.8400	0.15	1	0	84.0	70	130	0.97	14.4	30	
1,3-Dichlorobenzene	0.9400	0.15	1	0	94.0	70	130	0.9	4.35	30	
1,4-Dichlorobenzene	0.9300	0.15	1	0	93.0	70	130	0.88	5.52	30	
1,4-Dioxane	0.8600	0.30	1	0	86.0	70	130	0.81	5.99	30	
2,2,4-Trimethylpentane	0.8900	0.15	1	0	89.0	70	130	0.95	6.52	30	
4-ethyltoluene	0.9400	0.15	1	0	94.0	70	130	0.92	2.15	30	
Acetone	0.8700	0.30	1	0	87.0	70	130	0.94	7.73	30	
Allyl chloride	0.8900	0.15	1	0	89.0	70	130	1.04	15.5	30	
Benzene	0.9100	0.15	1	0	91.0	70	130	0.92	1.09	30	
Benzyl chloride	0.9200	0.15	1	0	92.0	70	130	0.91	1.09	30	
Bromodichloromethane	0.9300	0.15	1	0	93.0	70	130	0.96	3.17	30	
Bromoform	0.9100	0.15	1	0	91.0	70	130	0.95	4.30	30	
Bromomethane	0.9200	0.15	1	0	92.0	70	130	0.99	7.33	30	

Qualifiers:
. Results reported are not blank corrected
J Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID: **ALCS1UGD-020416** SampType: **LCSD** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **10619**
Client ID: **ZZZZZ** Batch ID: **R10619** TestNo: **TO-15** Analysis Date: **2/5/2016** SeqNo: **124921**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	0.9400	0.15	1	0	94.0	70	130	0.95	1.06	30	
Carbon tetrachloride	0.9100	0.040	1	0	91.0	70	130	0.92	1.09	30	
Chlorobenzene	0.9100	0.15	1	0	91.0	70	130	0.95	4.30	30	
Chloroethane	0.9400	0.15	1	0	94.0	70	130	1.04	10.1	30	
Chloroform	0.9300	0.15	1	0	93.0	70	130	0.93	0	30	
Chloromethane	0.8100	0.15	1	0	81.0	70	130	0.91	11.6	30	
cis-1,2-Dichloroethene	0.9500	0.15	1	0	95.0	70	130	0.93	2.13	30	
cis-1,3-Dichloropropene	0.9100	0.15	1	0	91.0	70	130	0.92	1.09	30	
Cyclohexane	0.9800	0.15	1	0	98.0	70	130	0.94	4.17	30	
Dibromochloromethane	0.9200	0.15	1	0	92.0	70	130	0.96	4.26	30	
Ethyl acetate	0.9600	0.25	1	0	96.0	70	130	0.99	3.08	30	
Ethylbenzene	0.9500	0.15	1	0	95.0	70	130	0.98	3.11	30	
Freon 11	0.9400	0.15	1	0	94.0	70	130	1.04	10.1	30	
Freon 113	0.9000	0.15	1	0	90.0	70	130	1.17	26.1	30	
Freon 114	0.9100	0.15	1	0	91.0	70	130	0.95	4.30	30	
Freon 12	0.9800	0.15	1	0	98.0	70	130	0.97	1.03	30	
Heptane	0.8200	0.15	1	0	82.0	70	130	0.9	9.30	30	
Hexachloro-1,3-buladiene	0.9000	0.15	1	0	90.0	70	130	0.86	4.55	30	
Hexane	0.9600	0.15	1	0	96.0	70	130	0.92	4.26	30	
Isopropyl alcohol	0.9000	0.15	1	0	90.0	70	130	0.98	8.51	30	
m&p-Xylene	1.990	0.30	2	0	99.5	70	130	2.03	1.99	30	
Methyl Butyl Ketone	0.9200	0.30	1	0	92.0	70	130	0.58	45.3	30	R
Methyl Ethyl Ketone	1.020	0.30	1	0	102	70	130	1.04	1.94	30	
Methyl Isobutyl Ketone	0.9800	0.30	1	0	98.0	70	130	0.75	26.6	30	
Methyl tert-butyl ether	0.9800	0.15	1	0	98.0	70	130	0.97	1.03	30	
Methylene chloride	0.9600	0.15	1	0	96.0	70	130	1.04	8.00	30	
o-Xylene	1.010	0.15	1	0	101	70	130	0.98	3.02	30	
Propylene	0.8700	0.15	1	0	87.0	70	130	0.96	9.84	30	
Styrene	0.9700	0.15	1	0	97.0	70	130	0.91	6.38	30	
Tetrachloroethylene	0.9500	0.15	1	0	95.0	70	130	0.83	13.5	30	
Tetrahydrofuran	0.9300	0.15	1	0	93.0	70	130	0.91	2.17	30	

Qualifiers:
. Results reported are not blank corrected
J Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

Centek Laboratories, LLC

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID ALCS1UGD-020416	SampType: LCSD	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10619
Client ID: ZZZZZ	Batch ID: R10619	TestNo: TO-15		Analysis Date: 2/5/2016	SeqNo: 124921

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	0.9900	0.15	1	0	99.0	70	130	0.88	11.8	30	
trans-1,2-Dichloroethene	0.9500	0.15	1	0	95.0	70	130	0.94	1.06	30	
trans-1,3-Dichloropropene	0.9200	0.15	1	0	92.0	70	130	0.97	5.29	30	
Trichloroethene	0.9000	0.040	1	0	90.0	70	130	0.88	2.25	30	
Vinyl acetate	0.8500	0.15	1	0	85.0	70	130	0.85	0	30	
Vinyl Bromide	0.8900	0.15	1	0	89.0	70	130	0.98	9.63	30	
Vinyl chloride	0.8900	0.040	1	0	89.0	70	130	0.94	5.46	30	

Sample ID ALCS1UGD-020516	SampType: LCSD	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10620
Client ID: ZZZZZ	Batch ID: R10620	TestNo: TO-15		Analysis Date: 2/5/2016	SeqNo: 124931

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.9400	0.15	1	0	94.0	70	130	0.92	2.15	30	
1,1,2,2-Tetrachloroethane	0.9800	0.15	1	0	98.0	70	130	0.86	13.0	30	
1,1,2-Trichloroethane	0.9400	0.15	1	0	94.0	70	130	0.88	6.59	30	
1,1-Dichloroethane	0.9800	0.15	1	0	98.0	70	130	0.96	2.06	30	
1,1-Dichloroethene	1.060	0.15	1	0	106	70	130	0.95	10.9	30	
1,2,4-Trichlorobenzene	0.8000	0.15	1	0	80.0	70	130	0.91	12.9	30	
1,2,4-Trimethylbenzene	0.9500	0.15	1	0	95.0	70	130	0.91	4.30	30	
1,2-Dibromoethane	0.9800	0.15	1	0	98.0	70	130	0.96	2.06	30	
1,2-Dichlorobenzene	1.000	0.15	1	0	100	70	130	0.95	5.13	30	
1,2-Dichloroethane	0.8800	0.15	1	0	88.0	70	130	0.88	0	30	
1,2-Dichloropropane	0.9900	0.15	1	0	99.0	70	130	0.95	4.12	30	
1,3,5-Trimethylbenzene	0.9500	0.15	1	0	95.0	70	130	0.88	7.65	30	
1,3-butadiene	1.000	0.15	1	0	100	70	130	0.93	7.25	30	
1,3-Dichlorobenzene	1.020	0.15	1	0	102	70	130	0.96	6.06	30	
1,4-Dichlorobenzene	1.010	0.15	1	0	101	70	130	0.95	6.12	30	
1,4-Dioxane	0.9200	0.30	1	0	92.0	70	130	1.11	18.7	30	
2,2,4-trimethylpentane	0.9700	0.15	1	0	97.0	70	130	0.96	1.04	30	
4-ethyltoluene	0.9700	0.15	1	0	97.0	70	130	0.88	9.73	30	

Qualifiers:

- `.` Results reported are not blank corrected
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Centek Laboratories, LLC

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID: **ALCS1UGD-020516** SampType: **LCSD** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **10620**
Client ID: **ZZZZZ** Batch ID: **R10620** TestNo: **TO-15** Analysis Date: **2/5/2016** SeqNo: **124931**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	1.010	0.30	1	0	101	70	130	1.02	0.985	30	
Allyl chloride	1.090	0.15	1	0	109	70	130	1.04	4.69	30	
Benzene	0.9800	0.15	1	0	98.0	70	130	0.96	2.06	30	
Benzyl chloride	1.000	0.15	1	0	100	70	130	0.96	4.08	30	
Bromodichloromethane	1.000	0.15	1	0	100	70	130	0.99	1.01	30	
Bromoform	1.030	0.15	1	0	103	70	130	0.92	11.3	30	
Bromomethane	1.050	0.15	1	0	105	70	130	1.03	1.92	30	
Carbon disulfide	0.9800	0.15	1	0	98.0	70	130	0.95	3.11	30	
Carbon tetrachloride	0.9700	0.040	1	0	97.0	70	130	0.93	4.21	30	
Chlorobenzene	0.9400	0.15	1	0	94.0	70	130	0.91	3.24	30	
Chloroethane	1.090	0.15	1	0	109	70	130	1.05	3.74	30	
Chloroform	0.9500	0.15	1	0	95.0	70	130	0.92	3.21	30	
Chloromethane	0.9100	0.15	1	0	91.0	70	130	0.83	9.20	30	
cis-1,2-Dichloroethene	0.9700	0.15	1	0	97.0	70	130	0.94	3.14	30	
cis-1,3-Dichloropropene	0.9400	0.15	1	0	94.0	70	130	0.93	1.07	30	
Cyclohexane	0.9700	0.15	1	0	97.0	70	130	0.97	0	30	
Dibromochloromethane	1.030	0.15	1	0	103	70	130	0.96	7.04	30	
Ethyl acetate	1.000	0.25	1	0	100	70	130	1.03	2.96	30	
Ethylbenzene	0.9700	0.15	1	0	97.0	70	130	0.9	7.49	30	
Freon 11	1.130	0.15	1	0	113	70	130	1.02	10.2	30	
Freon 113	1.250	0.15	1	0	125	70	130	1.04	18.3	30	
Freon 114	1.000	0.15	1	0	100	70	130	0.91	9.42	30	
Freon 12	0.9900	0.15	1	0	99.0	70	130	0.96	3.08	30	
Heptane	0.9100	0.15	1	0	91.0	70	130	0.92	1.09	30	
Hexachloro-1,3-butadiene	1.010	0.15	1	0	101	70	130	1	0.995	30	
Hexane	0.9200	0.15	1	0	92.0	70	130	0.94	2.15	30	
Isopropyl alcohol	0.9800	0.15	1	0	98.0	70	130	1	2.02	30	
m&p-Xylene	2.030	0.30	2	0	102	70	130	1.81	11.5	30	
Methyl Butyl Ketone	1.030	0.30	1	0	103	70	130	1.18	13.6	30	
Methyl Ethyl Ketone	1.030	0.30	1	0	103	70	130	1.01	1.96	30	
Methyl Isobutyl Ketone	1.110	0.30	1	0	111	70	130	1.27	13.4	30	

Qualifiers:
. Results reported are not blank corrected
J Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

CLIENT: Hanson Van Vleet
Work Order: C1602007
Project: Tim Bayly Site

TestCode: 0.25CT-TCE-VC

Sample ID: **ALCS1UGD-020516** SampType: **LCSD** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **10620**
Client ID: **ZZZZZ** Batch ID: **R10620** TestNo: **TO-15** Analysis Date: **2/5/2016** SeqNo: **124931**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	0.9200	0.15	1	0	92.0	70	130	0.95	3.21	30	
Methylene chloride	1.100	0.15	1	0	110	70	130	1.06	3.70	30	
o-Xylene	1.040	0.15	1	0	104	70	130	0.91	13.3	30	
Propylene	0.9700	0.15	1	0	97.0	70	130	0.94	3.14	30	
Styrene	0.9700	0.15	1	0	97.0	70	130	0.9	7.49	30	
Tetrachloroethylene	1.000	0.15	1	0	100	70	130	0.97	3.05	30	
Tetrahydrofuran	0.9500	0.15	1	0	95.0	70	130	0.9	5.41	30	
Toluene	1.010	0.15	1	0	101	70	130	1.06	4.83	30	
trans-1,2-Dichloroethene	0.9500	0.15	1	0	95.0	70	130	0.92	3.21	30	
trans-1,3-Dichloropropene	0.9500	0.15	1	0	95.0	70	130	0.97	2.08	30	
Trichloroethene	0.9500	0.040	1	0	95.0	70	130	0.94	1.06	30	
Vinyl acetate	0.8300	0.15	1	0	83.0	70	130	0.85	2.38	30	
Vinyl Bromide	1.080	0.15	1	0	108	70	130	0.99	8.70	30	
Vinyl chloride	0.9700	0.040	1	0	97.0	70	130	0.91	6.38	30	

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

Centek Laboratories, LLC

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020436.D Vial: 34
Acq On : 5 Feb 2016 7:28 am Operator: RJP
Sample : ALCS1UGD-020416 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 05 08:53:48 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.83	128	29334	1.00	ppb		0.00
35) 1,4-difluorobenzene	12.08	114	129405	1.00	ppb		0.00
50) Chlorobenzene-d5	16.58	117	88021	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.16	95	61437	1.02	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 102.00%				
Target Compounds							Qvalue
2) Propylene	4.15	41	31759	0.87	ppb	#	100
3) Freon 12	4.21	85	124745	0.98	ppb		100
4) Chloromethane	4.40	50	31335	0.81	ppb		97
5) Freon 114	4.41	85	97022	0.91	ppb		97
6) Vinyl Chloride	4.60	62	27260	0.89	ppb		89
7) Butane	4.70	43	36703	0.98	ppb		93
8) 1,3-butadiene	4.70	39	21839	0.84	ppb		87
9) Bromomethane	5.05	94	32137	0.92	ppb		90
10) Chloroethane	5.22	64	11554	0.94	ppb		89
11) Ethanol	5.38	45	8307	1.11	ppb		92
12) Acrolein	5.96	56	8212	0.90	ppb		83
13) Vinyl Bromide	5.56	106	31330	0.89	ppb		90
14) Freon 11	5.83	101	120377	0.94	ppb		99
15) Acetone	6.06	58	10730	0.87	ppb	#	90
16) Pentane	6.10	42	22279	0.90	ppb		97
17) Isopropyl alcohol	6.18	45	32390	0.90	ppb	#	46
18) 1,1-dichloroethene	6.59	96	31619	0.93	ppb		90
19) Freon 113	6.78	101	72543	0.90	ppb		95
20) t-Butyl alcohol	6.91	59	47386	0.73	ppb		96
21) Methylene chloride	7.06	84	37014	0.96	ppb		87
22) Allyl chloride	7.04	41	38839m	0.89	ppb		
23) Carbon disulfide	7.22	76	113348	0.94	ppb		97
24) trans-1,2-dichloroethene	8.00	61	56697	0.95	ppb		95
25) methyl tert-butyl ether	8.05	73	106941	0.98	ppb		96
26) 1,1-dichloroethane	8.42	63	77725	0.95	ppb		100
27) Vinyl acetate	8.44	43	82572	0.85	ppb		100
28) Methyl Ethyl Ketone	8.97	72	19382	1.02	ppb	#	100
29) cis-1,2-dichloroethene	9.36	61	51033	0.95	ppb		94
30) Hexane	8.93	57	61312	0.96	ppb		86
31) Ethyl acetate	9.55	43	86366	0.96	ppb		93
32) Chloroform	9.98	83	88181	0.93	ppb		99
33) Tetrahydrofuran	10.20	42	41043	0.93	ppb		98
34) 1,2-dichloroethane	11.11	62	50440	0.89	ppb		91
36) 1,1,1-trichloroethane	10.78	97	78343	0.87	ppb		100
37) Cyclohexane	11.47	56	60170	0.98	ppb		89
38) Carbon tetrachloride	11.41	117	83421	0.91	ppb		98
39) Benzene	11.39	78	103556	0.91	ppb		98
40) Methyl methacrylate	12.95	41	45342	0.99	ppb	#	85
41) 1,4-dioxane	13.02	88	19889	0.86	ppb		98
42) 2,2,4-trimethylpentane	12.21	57	188841	0.89	ppb		94
43) Heptane	12.55	43	53012	0.82	ppb		91
44) Trichloroethene	12.70	130	47797	0.90	ppb		98
45) 1,2-dichloropropane	12.82	63	40002	0.89	ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020436.D Vial: 34
Acq On : 5 Feb 2016 7:28 am Operator: RJP
Sample : ALCS1UGD-020416 Inst : MSD #1
Misc : A204_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 05 08:53:48 2016 Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46)	Bromodichloromethane	13.14	83	76758	0.93	ppb	99
47)	cis-1,3-dichloropropene	13.92	75	55115	0.91	ppb	99
48)	trans-1,3-dichloropropene	14.65	75	51046	0.92	ppb	93
49)	1,1,2-trichloroethane	14.95	97	41715	0.89	ppb	100
51)	Toluene	14.70	92	58105	0.99	ppb	98
52)	Methyl Isobutyl Ketone	13.85	43	80960	0.98	ppb	97
53)	Dibromochloromethane	15.63	129	58792m	0.92	ppb	
54)	Methyl Butyl Ketone	15.13	43	74174	0.92	ppb	98
55)	1,2-dibromoethane	15.87	107	63558	0.92	ppb	97
56)	Tetrachloroethylene	15.68	164	39640	0.95	ppb	99
57)	Chlorobenzene	16.63	112	77099	0.91	ppb	86
58)	1,1,1,2-tetrachloroethane	16.73	131	40950	0.91	ppb	94
59)	Ethylbenzene	16.87	91	123528	0.95	ppb	96
60)	m&p-xylene	17.07	91	197517	1.99	ppb	92
61)	Nonane	17.40	43	76467	0.95	ppb	96
62)	Styrene	17.48	104	73912	0.97	ppb	87
63)	Bromoform	17.61	173	54627	0.91	ppb	100
64)	o-xylene	17.51	91	115374	1.01	ppb	93
65)	Cumene	18.04	105	128495	0.91	ppb	97
67)	1,1,2,2-tetrachloroethane	17.95	83	87556	0.86	ppb	98
68)	Propylbenzene	18.56	91	145526m	0.87	ppb	
69)	2-Chlorotoluene	18.60	91	107530m	0.95	ppb	
70)	4-ethyltoluene	18.72	105	121498m	0.94	ppb	
71)	1,3,5-trimethylbenzene	18.78	105	113993m	0.91	ppb	
72)	1,2,4-trimethylbenzene	19.21	105	96809	0.90	ppb	94
73)	1,3-dichlorobenzene	19.51	146	73117	0.94	ppb	97
74)	benzyl chloride	19.58	91	67768	0.92	ppb	99
75)	1,4-dichlorobenzene	19.64	146	70279	0.93	ppb	96
76)	1,2,3-trimethylbenzene	19.67	105	101083	0.85	ppb	91
77)	1,2-dichlorobenzene	19.96	146	69580	0.87	ppb	97
78)	1,2,4-trichlorobenzene	21.80	180	35555	0.82	ppb	93
79)	Naphthalene	22.00	128	90535	0.80	ppb	96
80)	Hexachloro-1,3-butadiene	22.08	225	81878	0.90	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

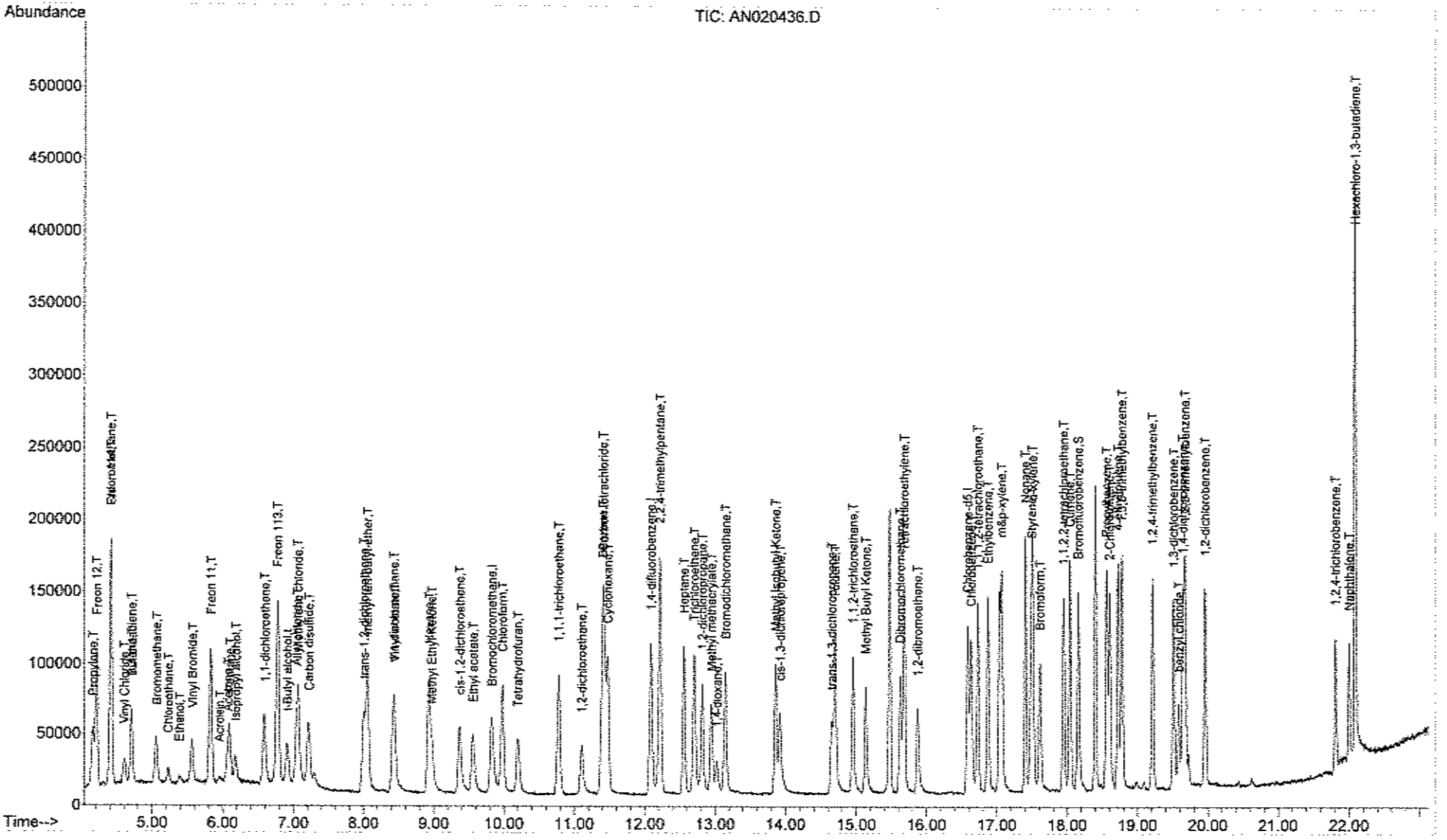
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020436.D
Acq On : 5 Feb 2016 7:28 am
Sample : ALCS1UGD-020416
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 8 9:03 2016

Vial: 34
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020522.D
Acq On : 5 Feb 2016 10:52 pm
Sample : ALCS1UGD-020516
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 06 07:45:19 2016

Vial: 22
Operator: RJP
Inst : MSD #1
Multiplr: 1.00
Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	9.82	128	23663	1.00	ppb		0.00
35) 1,4-difluorobenzene	12.08	114	97942	1.00	ppb		0.00
50) Chlorobenzene-d5	16.58	117	65771	1.00	ppb		0.00
System Monitoring Compounds							
66) Bromofluorobenzene	18.15	95	46963	1.05	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 105.00%				
Target Compounds							Qvalue
2) Propylene	4.16	41	28297	0.97	ppb	#	100
3) Freon 12	4.20	85	101791	0.99	ppb		100
4) Chloromethane	4.40	50	28532	0.91	ppb		95
5) Freon 114	4.41	85	86046	1.00	ppb		99
6) Vinyl Chloride	4.60	62	23903	0.97	ppb		91
7) Butane	4.69	43	30679	1.02	ppb	#	91
8) 1,3-butadiene	4.71	39	21123	1.00	ppb		82
9) Bromomethane	5.05	94	29552	1.05	ppb		91
10) Chloroethane	5.22	64	10791	1.09	ppb		98
11) Ethanol	5.36	45	7153	1.18	ppb		96
12) Acrolein	5.96	56	7712	1.05	ppb	#	64
13) Vinyl Bromide	5.56	106	30491	1.08	ppb		97
14) Freon 11	5.82	101	116551	1.13	ppb		99
15) Acetone	6.06	58	10102	1.01	ppb	#	85
16) Pentane	6.09	42	21543	1.08	ppb		96
17) Isopropyl alcohol	6.16	45	28339	0.98	ppb	#	46
18) 1,1-dichloroethene	6.58	96	29193	1.06	ppb		93
19) Freon 113	6.76	101	81815	1.25	ppb		90
20) t-Butyl alcohol	6.90	59	57599	1.11	ppb	#	77
21) Methylene chloride	7.06	84	34313	1.10	ppb	#	83
22) Allyl chloride	7.04	41	38417	1.09	ppb		95
23) Carbon disulfide	7.21	76	94658	0.98	ppb		100
24) trans-1,2-dichloroethene	7.99	61	45672	0.95	ppb		92
25) methyl tert-butyl ether	8.04	73	80261	0.92	ppb		90
26) 1,1-dichloroethane	8.42	63	64767	0.98	ppb		99
27) Vinyl acetate	8.44	43	65153	0.83	ppb		99
28) Methyl Ethyl Ketone	8.96	72	15818	1.03	ppb	#	100
29) cis-1,2-dichloroethene	9.36	61	42173	0.97	ppb		96
30) Hexane	8.92	57	47568	0.92	ppb		92
31) Ethyl acetate	9.54	43	72707	1.00	ppb		95
32) Chloroform	9.97	83	72788	0.95	ppb		99
33) Tetrahydrofuran	10.19	42	33844	0.95	ppb		97
34) 1,2-dichloroethane	11.10	62	40257	0.88	ppb		90
36) 1,1,1-trichloroethane	10.77	97	64178	0.94	ppb		100
37) Cyclohexane	11.47	56	45124	0.97	ppb		94
38) Carbon tetrachloride	11.41	117	67568	0.97	ppb		98
39) Benzene	11.39	78	84929	0.98	ppb		96
40) Methyl methacrylate	12.94	41	35477	1.02	ppb		88
41) 1,4-dioxane	13.02	88	16228	0.92	ppb		99
42) 2,2,4-trimethylpentane	12.21	57	154517	0.97	ppb		95
43) Heptane	12.55	43	44431	0.91	ppb		98
44) Trichloroethene	12.70	130	38175	0.95	ppb		100
45) 1,2-dichloropropane	12.81	63	33452	0.99	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020522.D
Acq On : 5 Feb 2016 10:52 pm
Sample : ALCS1UGD-020516
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 06 07:45:19 2016

Vial: 22
Operator: RJP
Inst : MSD #1
Multiplr: 1.00
Quant Results File: A204_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 04 16:19:42 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46)	Bromodichloromethane	13.14	83	62237	1.00	ppb	99
47)	cis-1,3-dichloropropene	13.91	75	43108	0.94	ppb	99
48)	trans-1,3-dichloropropene	14.65	75	39895	0.95	ppb	94
49)	1,1,2-trichloroethane	14.95	97	33168	0.94	ppb	98
51)	Toluene	14.69	92	44404	1.01	ppb	98
52)	Methyl Isobutyl Ketone	13.85	43	68322	1.11	ppb	96
53)	Dibromochloromethane	15.63	129	48844m	1.03	ppb	
54)	Methyl Butyl Ketone	15.13	43	62268	1.03	ppb	98
55)	1,2-dibromoethane	15.87	107	50612	0.98	ppb	96
56)	Tetrachloroethylene	15.68	164	30999	1.00	ppb	99
57)	Chlorobenzene	16.63	112	59151	0.94	ppb	91
58)	1,1,1,2-tetrachloroethane	16.72	131	32323	0.96	ppb	92
59)	Ethylbenzene	16.87	91	94212	0.97	ppb	98
60)	m&p-xylene	17.06	91	150534	2.03	ppb	95
61)	Nonane	17.40	43	56779	0.94	ppb	95
62)	Styrene	17.48	104	55465	0.97	ppb	86
63)	Bromoform	17.61	173	46130	1.03	ppb	99
64)	o-xylene	17.50	91	88760	1.04	ppb	93
65)	Cumene	18.04	105	94526	0.90	ppb	99
67)	1,1,2,2-tetrachloroethane	17.94	83	75322	0.98	ppb	98
68)	Propylbenzene	18.55	91	113178m	0.91	ppb	
69)	2-Chlorotoluene	18.60	91	78495m	0.92	ppb	
70)	4-ethyltoluene	18.71	105	92915m	0.97	ppb	
71)	1,3,5-trimethylbenzene	18.77	105	88864m	0.95	ppb	
72)	1,2,4-trimethylbenzene	19.21	105	76375	0.95	ppb	93
73)	1,3-dichlorobenzene	19.50	146	59747	1.02	ppb	97
74)	benzyl chloride	19.58	91	55265	1.00	ppb	99
75)	1,4-dichlorobenzene	19.64	146	56685	1.01	ppb	96
76)	1,2,3-trimethylbenzene	19.67	105	82792	0.93	ppb	96
77)	1,2-dichlorobenzene	19.95	146	59672	1.00	ppb	97
78)	1,2,4-trichlorobenzene	21.80	180	26019	0.80	ppb	95
79)	Naphthalene	21.99	128	65839	0.78	ppb	98
80)	Hexachloro-1,3-butadiene	22.08	225	68474	1.01	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

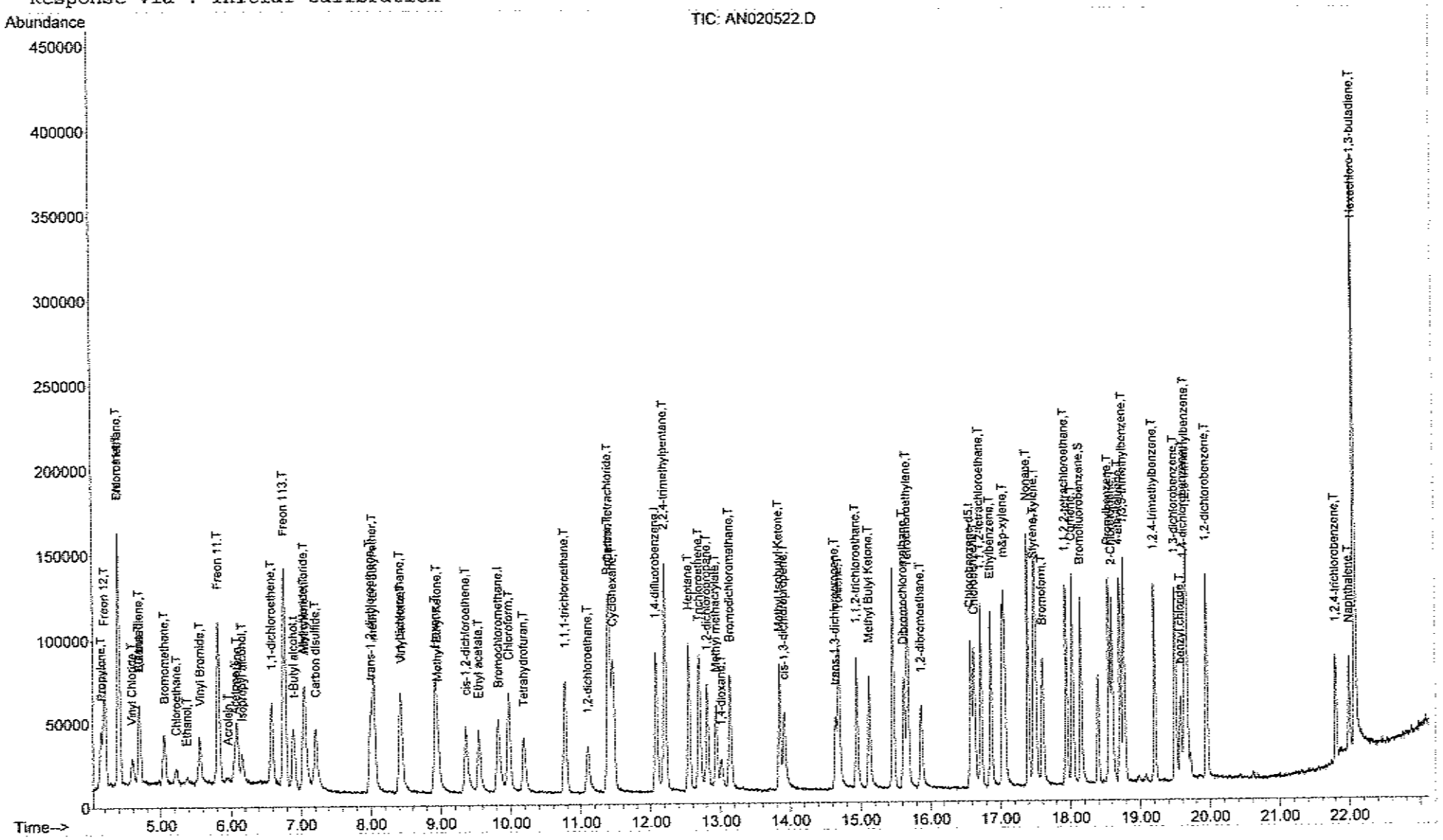
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AN020522.D
Acq On : 5 Feb 2016 10:52 pm
Sample : ALCS1UGD-020516
Misc : A204_1UG
MS Integration Params: RTEINT.P
Quant Time: Feb 8 10:48 2016

Vial: 22
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A204_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration



AN020522.D A204_1UG.M Thu Mar 03 09:55:14 2016 MSD1

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

INJECTION LOG

Centek Laboratories, LLC

Injection Log

Directory: C:\HPChem\1\DATA2

Analytical Standard Stock # A1238
Surrogate Stock # A1239
LCS Stock # 1240
Method Ref: EPA TO-15 / Jan 1999

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
111	8	An020334.d	1.	WAC020316H	A131_1UG	4 Feb 2016 07:29
112	9	An020335.d	1.	WAC020316I	A131_1UG	4 Feb 2016 08:06
113		An020336.d	1.	No MS or GC data present		
114	11	An020401.d	1.	BFB1UG	A131_1UG	4 Feb 2016 08:43
115	12	An020402.d	1.	A1UG_	A131_1UG	4 Feb 2016 09:22
116	1	An020403.d	1.	A1UG_2.0	A204_1UG	4 Feb 2016 10:07
117	2	An020404.d	1.	A1UG_1.5	A204_1UG	4 Feb 2016 10:47
118	3	An020405.d	1.	A1UG_1.25	A204_1UG	4 Feb 2016 11:26
119	4	An020406.d	1.	A1UG_1.0	A204_1UG	4 Feb 2016 12:05
120	5	An020407.d	1.	A1UG_0.75	A204_1UG	4 Feb 2016 12:43
121	6	An020408.d	1.	A1UG_0.50	A204_1UG	4 Feb 2016 13:21
122	7	An020409.d	1.	A1UG_0.30	A204_1UG	4 Feb 2016 13:58
123	8	An020410.d	1.	A1UG_0.15	A204_1UG	4 Feb 2016 14:34
124	9	An020411.d	1.	A1UG_	A204_1UG	4 Feb 2016 15:11
125	10	An020412.d	1.	A1UG_0.04	A204_1UG	4 Feb 2016 15:48
126	11	An020413.d	1.	ALCS1UG-020416	A204_1UG	4 Feb 2016 16:46
127	12	An020414.d	1.	AMB1UG-020416	A204_1UG	4 Feb 2016 17:23
128	13	An020415.d	1.	C1602009-001A	A204_1UG	4 Feb 2016 18:02
129	14	An020416.d	1.	C1602007-003A	A204_1UG	4 Feb 2016 18:41
130	15	An020417.d	1.	C1602007-004A	A204_1UG	4 Feb 2016 19:20
131	16	An020418.d	1.	C1602007-005A	A204_1UG	4 Feb 2016 19:58
132	17	An020419.d	1.	C1602007-006A	A204_1UG	4 Feb 2016 20:37
133	18	An020420.d	1.	C1602007-001A 10X	A204_1UG	4 Feb 2016 21:14
134	19	An020421.d	1.	C1602007-002A 10X	A204_1UG	4 Feb 2016 21:50
135	20	An020422.d	1.	C1602002-004A	A204_1UG	4 Feb 2016 22:29
136	21	An020423.d	1.	C1602002-001A 10X	A204_1UG	4 Feb 2016 23:06
137	22	An020424.d	1.	C1602002-002A 10X	A204_1UG	4 Feb 2016 23:42
138	23	An020425.d	1.	C1602002-003A 10X	A204_1UG	5 Feb 2016 00:19
139	24	An020426.d	1.	C1602008-002A	A204_1UG	5 Feb 2016 00:58
140	25	An020427.d	1.	C1602008-003A	A204_1UG	5 Feb 2016 01:37
141	26	An020428.d	1.	C1602008-004A	A204_1UG	5 Feb 2016 02:16
142	27	An020429.d	1.	C1602008-005A	A204_1UG	5 Feb 2016 02:55
143	28	An020430.d	1.	C1602008-001A 10X	A204_1UG	5 Feb 2016 03:34
144	29	An020431.d	1.	C1602007-001A	A204_1UG	5 Feb 2016 04:13
145	30	An020432.d	1.	C1602007-002A	A204_1UG	5 Feb 2016 04:52
146	31	An020433.d	1.	C1602002-001A	A204_1UG	5 Feb 2016 05:31
147	32	An020434.d	1.	C1602002-002A	A204_1UG	5 Feb 2016 06:10
148	33	An020435.d	1.	C1602002-003A	A204_1UG	5 Feb 2016 06:49
149	34	An020436.d	1.	ALCS1UGD-020416	A204_1UG	5 Feb 2016 07:28
150	35	An020437.d	1.		A204_1UG	5 Feb 2016 08:06
151	1	An020501.d	1.	BFB1UG	A204_1UG	5 Feb 2016 09:10
152	2	An020502.d	1.	A1UG_1.0	A204_1UG	5 Feb 2016 09:58
153	3	An020503.d	1.	ALCS1UG-020516	A204_1UG	5 Feb 2016 10:44
154	4	An020504.d	1.	AMB1UG-020516	A204_1UG	5 Feb 2016 11:20
155	5	An020505.d	1.	C1602009-001A 10X	A204_1UG	5 Feb 2016 11:57
156	6	An020506.d	1.	C1602007-003A 10X	A204_1UG	5 Feb 2016 12:33
157	7	An020507.d	1.	C1602007-004A 5X	A204_1UG	5 Feb 2016 13:10
158	8	An020508.d	1.	C1602007-005A 5X	A204_1UG	5 Feb 2016 13:47
159	9	An020509.d	1.	C1602002-004A 10X	A204_1UG	5 Feb 2016 14:24
160	10	An020510.d	1.	C1602002-002A 90X	A204_1UG	5 Feb 2016 15:00
161	11	An020511.d	1.	C1602008-002A 9X	A204_1UG	5 Feb 2016 16:00
162	12	An020512.d	1.	C1602008-002A 90X	A204_1UG	5 Feb 2016 16:37
163	13	An020513.d	1.	C1602008-003A 9X	A204_1UG	5 Feb 2016 17:16
164	14	An020514.d	1.	C1602008-003A 90X	A204_1UG	5 Feb 2016 17:52
165	15	An020515.d	1.	C1602008-004A 9X	A204_1UG	5 Feb 2016 18:31

Centek Laboratories, LLC

Injection Log

Directory: C:\HPChem\1\DATA2

Internal Standard Stock # A1235
Standard Stock # 1235
LCS Stock # 1240
Method Ref: EPA TO-15 / Jan. 1999

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
166	16	An020516.d	1.	C1602008-004A 90X	A204_1UG	5 Feb 2016 19:08
167	17	An020517.d	1.	C1602008-005A 10X	A204_1UG	5 Feb 2016 19:45
168	18	An020518.d	1.	C1602008-005A 40X	A204_1UG	5 Feb 2016 20:21
169	19	An020519.d	1.	C1602008-001A 729X	A204_1UG	5 Feb 2016 21:00
170	20	An020520.d	1.	C1602008-001A 7290X	A204_1UG	5 Feb 2016 21:37
171	21	An020521.d	1.	C1602008	A204_1UG -001A	5 Feb 2016 22:13
172	22	An020522.d	1.	ALCS1UGD-020516	A204_1UG	5 Feb 2016 22:52
173	26	An020523.d	1.	C1602004-001A	A204_1UG	5 Feb 2016 23:31
174	27	An020524.d	1.	C1602004-002A	A204_1UG	6 Feb 2016 00:10
175	28	An020525.d	1.	C1602004-003A	A204_1UG	6 Feb 2016 00:49
176	29	An020526.d	1.	C1602017-006A	A204_1UG	6 Feb 2016 01:25
177	1	An020527.d	1.	C1602017-001A 10X	A204_1UG	6 Feb 2016 02:01
178	2	An020528.d	1.	C1602017-002A 10X	A204_1UG	6 Feb 2016 02:38
179	3	An020529.d	1.	C1602017-003A 10X	A204_1UG	6 Feb 2016 03:14
180	4	An020530.d	1.	C1602017-004A 10X	A204_1UG	6 Feb 2016 03:51
181	5	An020531.d	1.	C1602017-005A 10X	A204_1UG	6 Feb 2016 04:28
182	6	An020532.d	1.	C1602015-001A 10X	A204_1UG	6 Feb 2016 05:04
183	7	An020533.d	1.	C1602015-002A 10X	A204_1UG	6 Feb 2016 05:41
184	8	An020534.d	1.	C1602015-003A 10X	A204_1UG	6 Feb 2016 06:17
185	9	An020535.d	1.	C1602015-004A 10X	A204_1UG	6 Feb 2016 06:54
186		An020536.d	1.	No MS or GC data present		
187	10	An020601.d	1.	BFB1UG	A204_1UG	6 Feb 2016 08:03
188	11	An020602.d	1.	BFB1UG	A204_1UG	6 Feb 2016 08:46
189	12	An020603.d	1.	A1UG_1.0	A204_1UG	6 Feb 2016 09:25
190	13	An020604.d	1.	ALCS1UG-020616	A204_1UG	6 Feb 2016 10:07
191	14	An020605.d	1.	AMB1UG-020616	A204_1UG	6 Feb 2016 10:51
192	15	An020606.d	1.	C1602017-001A	A204_1UG	6 Feb 2016 11:36
193	16	An020607.d	1.	C1602017	A204_1UG -001A 40X	6 Feb 2016 12:13
194	17	An020608.d	1.	C1602017-002A	A204_1UG	6 Feb 2016 12:52
195	18	An020609.d	1.	C1602017	A204_1UG -002A 40X	6 Feb 2016 13:29
196	19	An020610.d	1.	C1602017	A204_1UG -002A 40X	6 Feb 2016 14:06
197	20	An020611.d	1.	C1602017-003A	A204_1UG	6 Feb 2016 14:45
198	21	An020612.d	1.	C1602017	A204_1UG -003A 40X	6 Feb 2016 15:21
199	22	An020613.d	1.	C1602017-004A	A204_1UG	6 Feb 2016 16:00
200	23	An020614.d	1.	C1602017	A204_1UG -004A 40X	6 Feb 2016 16:37
201	24	An020615.d	1.	C1602017-005A	A204_1UG	6 Feb 2016 17:15
202	25	An020616.d	1.	C1602017	A204_1UG -005A 40X	6 Feb 2016 17:52
203	26	An020617.d	1.	C1602015-001A	A204_1UG	6 Feb 2016 18:31
204	27	An020618.d	1.	C1602015-002A	A204_1UG	6 Feb 2016 19:09
205	28	An020619.d	1.	C1602015-003A	A204_1UG	6 Feb 2016 19:48
206	29	An020620.d	1.	C1602015-004A	A204_1UG	6 Feb 2016 20:27
207	30	An020621.d	1.	C1602004-001A	A204_1UG	6 Feb 2016 21:04
208	31	An020622.d	1.	C1602004-002A	A204_1UG	6 Feb 2016 21:41
209	32	An020623.d	1.	C1602004-003A	A204_1UG	6 Feb 2016 22:17
210	30	An020624.d	1.	ALCS1UGD-020616	A204_1UG	6 Feb 2016 22:56
211	41	An020625.d	1.	C1602005-033A	A204_1UG	6 Feb 2016 23:33
212	42	An020626.d	1.	C1602005-001A	A204_1UG	7 Feb 2016 00:12
213	43	An020627.d	1.	C1602005-002A	A204_1UG	7 Feb 2016 00:51
214	44	An020628.d	1.	C1602005-003A	A204_1UG	7 Feb 2016 01:30
215	45	An020629.d	1.	C1602005-004A	A204_1UG	7 Feb 2016 02:08
216	46	An020630.d	1.	C1602005-005A	A204_1UG	7 Feb 2016 02:47
217	47	An020631.d	1.	C1602005-006A	A204_1UG	7 Feb 2016 03:26
218	48	An020632.d	1.	C1602005-007A	A204_1UG	7 Feb 2016 04:05
219	49	An020633.d	1.	C1602005-008A	A204_1UG	7 Feb 2016 04:44
220	21	An020634.d	1.	C1602005-009A	A204_1UG	7 Feb 2016 05:23

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

STANDARDS LOG

GC/MS Calibration Standards Logbook

Std #	Date Prep	Date Exp	Description	Stock #	Stock Conc	Initial Vol (psig)	Finial Vol (psia)	Final Conc (ppb)	Prep by	Chkd by
A-1159	12/17/15	12/24/15	TO15 IUG IS	A1150	~~1ppm~~ 50ppb	0.9	45	1ppb	MD	
A-1160	↓	↓	STD	A1151	↓	↓	↓	↓	↓	
A-1161	↓	↓	LCS	A1152	↓	↓	↓	↓	↓	
A-1162	12/24/15	12/31/15	TO15 IS	A0547	~~12/24/15~~ 4ppm	1.5	30	50ppb	MD	
A-1163	↓	↓	STD	A0534	~~50ppb~~	↓	↓	↓	↓	
A-1164	↓	↓	LCS	A0548	~~17.5ppm~~	↓	↓	↓	↓	
A-1165	↓	↓	4PCH	9515	~~500ppb~~	↓	↓	↓	↓	
A-1166	↓	↓	4PCH 5	A1165	~~1ppm~~ 50ppb	3.0	~~45~~ 30	5	↓	
A-1167	↓	↓	FORM 50	A0974	11.5ppm	0.20	45	50	↓	
A-1168	↓	↓	SILOX	9584	500ppb	3.0	30	↓	↓	
A-1169	↓	↓	SULF	A0270	1ppm	1.5	↓	↓	↓	
A-1170	↓	↓	H2S	A0269	10ppm	↓	↓	500	↓	
A-1171	↓	↓	TO15 IUG IS	A1162	50ppb	0.9	45	1	↓	
A-1172	↓	↓	STD	A1163	↓	↓	↓	↓	↓	
A-1173	↓	↓	LCS	A1164	↓	↓	↓	↓	↓	
A-1174	12/19/15	12/18/16	TO 15 IS	FF-11200	LINDE		2200 psig	1 ppm	WJ	
A-1175	1/4/16	1/11/16	TO15 IS	A1174	1ppm	1.5	30	50ppb	MD	
A-1176	↓	↓	STD	A0534	↓	↓	↓	↓	↓	
A-1177	↓	↓	LCS	A0548	↓	↓	↓	↓	↓	
A-1178	↓	↓	4PCH	9515	↓	↓	↓	↓	↓	
A-1179	↓	↓	4PCH5	A1178	50ppb	3.0	↓	5	↓	

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Centek Laboratories, LLC

GC/MS Calibration Standards Logbook

Std #	Date Prep	Date Exp	Description	Stock #	Stock Conc	Initial Vol (psig)	Finial Vol (psia)	Final Conc (ppb)	Prep by	Chkd by
A-1201	1/15/16	1/22/16	TO15 APH	A1188	1ppm	1.5	30	50	MP	
A-1202	↓	↓	TO15 LL APH	A1201	50ppb	0.9	45	1	↓	
A-1203	1/15/16	1/15/17	TO15 MIX	–	1ppm	LINDE TO15 MIX		1ppm	MP	
A-1204	1/18/16	1/18/17	LCS TO15	"	A05344 STD IS NOW LCS			1ppm	L.L.	
A-1205	1/18/16	1/25/16	TO15 IS	A1174	1ppm	1.5	30	50ppb	MP	
A-1206			LCS	A1204						
A-1207			STD	A1203						
A-1208			TO15 FORM	A0974	11.5ppm	0.20	45			
A-1209			SILOX	~~MP7584~~ A0088	A0087/500ppb	3.0	30			
A-1210			SULF	A0276	1ppm	1.5				
A-1211			H2S	A0265	10ppm			500ppb		
A-1212			TO15 4PCH	9519	1ppm	1.5	30	50 ppb		
A-1213			4PCH5	A1212	50ppb	3.0		5ppb		
A-1214			TO15 LL IS	A1205		0.9	45	1 ppb		
A-1215			STD	A1207						
A-1216			LCS	A1206						
A-1217	1/25/16	2/1/16	TO15 IS	A1174	1ppm	1.5	30	50 ppb	WD	
A-1218			~~STD~~	A1203						
A-1219			LCS	A1204						
A-1220			4PCH	9519						
A-1221			4PCH5	A1220	50ppb	3.0	30	5		

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Centek Laboratories, LLC

Centek Laboratories, LLC

GC/MS Calibration Standards Logbook

Std #	Date Prep	Date Exp	Description	Stock #	Stock Conc	Initial Vol (psig)	Finial Vol (psia)	Final Conc (ppb)	Prep by	Chkd by
A-1222	1/25/16	2/1/16	TO15 FORM	A0974	11.5 ppm	0.20	45	50	WD	
A-1223	↓	↓	SILOX	A1068 / A1069	500 ppb	3.0	30	50	↓	
A-1224			SULF	A0270	1 ppm	1.5	30	50		
A-1225			H_2S	A0269	10 ppm	1.5	30	500		
A-1226			TO15 14G IS	A1217	50ppb	0.9	45	1		
A-1227			STD	A1218	↓	↓	↓	↓	↓	
A-1228	↓	↓	LCS	A1219	↓	↓	↓	↓	↓	
A-1229	2/1/16	2/8/16	TO15 IS	A1174	1 ppm	1.5	30	50	WD	
A-1230			STD	A1203 / A1174						
A-1231			LCS	A1204						
A-1232			4PCH	9519	↓	↓	↓	↓		
A-1233			4PCHS	A1232	50 ppb	3.0	30	5		
A-1234			FORM	A0974	11.5 ppm	0.20	45	50		
A-1235			SILOX	A1068 / A1069	500 ppb	3.0	30	50		
A-1236			SULF	A0270	1 ppm	1.5	30	50		
A-1237			H_2S	A0269	10 ppm	1.5	30	500		
A-1238			TO15 14G IS	A1229	50 ppb	0.9	45	1		
A-1239			STD	A1230	↓	↓	↓	↓	↓	
A-1240	↓	↓	LCS	A1231	↓	↓	↓	↓	↓	
A-1241	2/8/16	2/15/16	TO15 IS	A1174	1 ppm	1.5	30	50	WD	
A-1242	↓	↓	STD	A1203	↓	↓	↓	↓	↓	

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Centek Laboratories, LLC

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

CANISTER CLEANING LOG

Centek Laboratories, LLC

Instrument: Entech 3100

Canister Number	QC Can Number	Number of Cycles	Date	QC Batch Number	Detection Limits	Leak Test 24hr (psig str/stp)	
354	201	30	1.26.16	WAC012616A	1ug/m3 to 0.25	+ 30	+ 30
558						+	+
496						+	+
221						+	+
201				WAC012616B		+	+
136	360					+	+
1188						+	+
164						+	+
236						+	+
360				WAC012616C		+	+
544	202					+	+
234						+	+
471						+	+
207						+	+
202						+	+
						+	+
						+	+
						+	+
						+	+
						+	+
						+	+
						+	+
						+	+
						+	+
						+	+
						+	+

Cleaned by: _____ Form C151

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Centek Laboratories, LLC

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA2\JAN2016\AN012607.D Vial: 1
Acq On : 26 Jan 2016 12:18 pm Operator: RJP
Sample : WAC012616A Inst : MSD #1
Misc : A104_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 27 08:43:37 2016 Quant Results File: A104_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A104_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Mon Jan 04 19:42:58 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

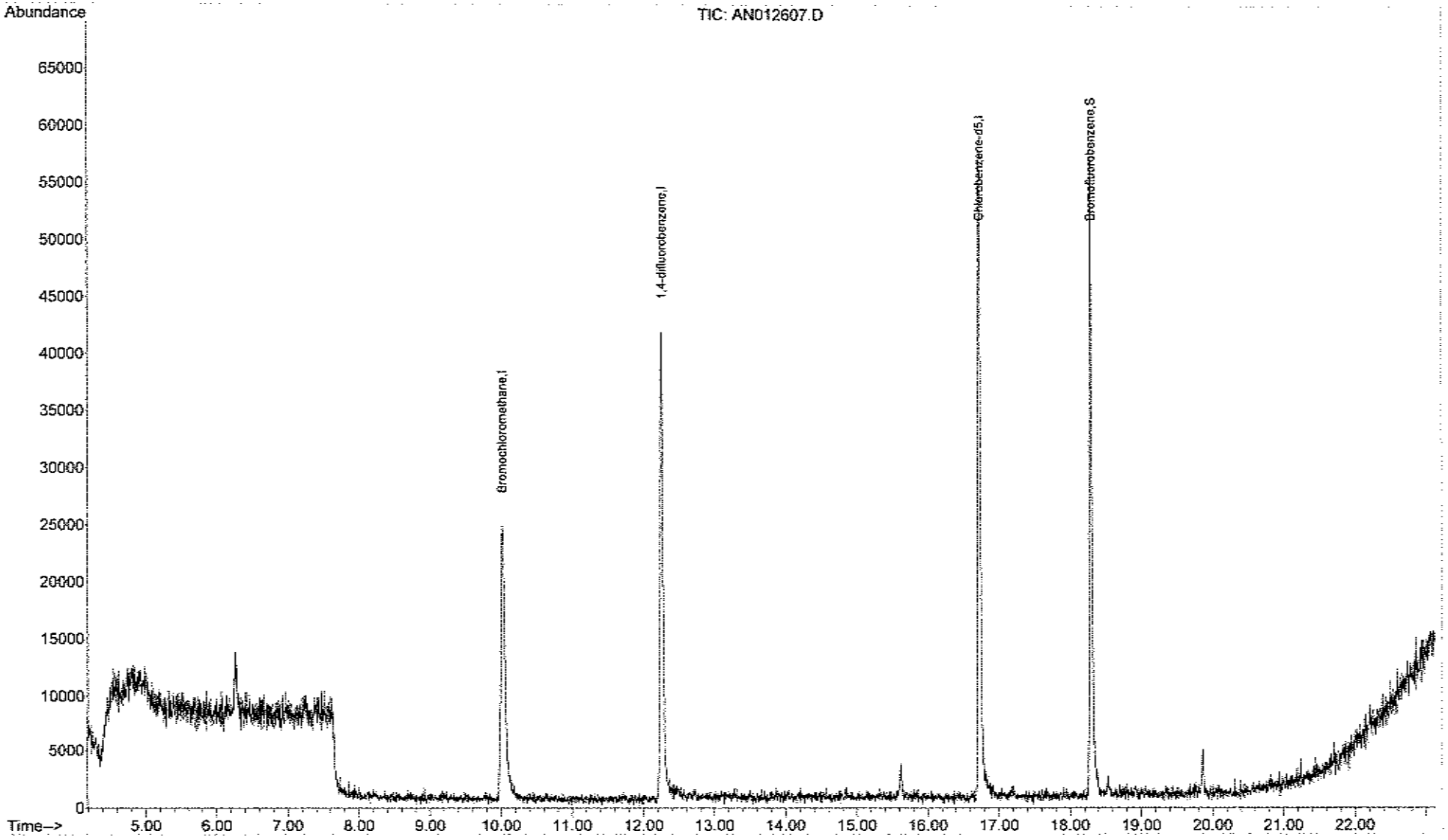
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	10.01	128	12933	1.00	ppb	0.00
35) 1,4-difluorobenzene	12.25	114	44431	1.00	ppb	0.00
50) Chlorobenzene-d5	16.72	117	39921	1.00	ppb	0.00
System Monitoring Compounds						
66) Bromofluorobenzene	18.29	95	22379	0.72	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 72.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
AN012607.D A204_1UG.M Tue Mar 08 09:16:38 2016 MSD1 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA2\JAN2016\AN012607.D Vial: 1
Acq On : 26 Jan 2016 12:18 pm Operator: RJP
Sample : WAC012616A Inst : MSD #1
Misc : A104_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 27 8:49 2016 Quant Results File: A104_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA2\JAN2016\AN012608.D Vial: 2
Acq On : 26 Jan 2016 12:54 pm Operator: RJP
Sample : WAC012616B Inst : MSD #1
Misc : A104_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 27 08:43:38 2016 Quant Results File: A104_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A104_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Mon Jan 04 19:42:58 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

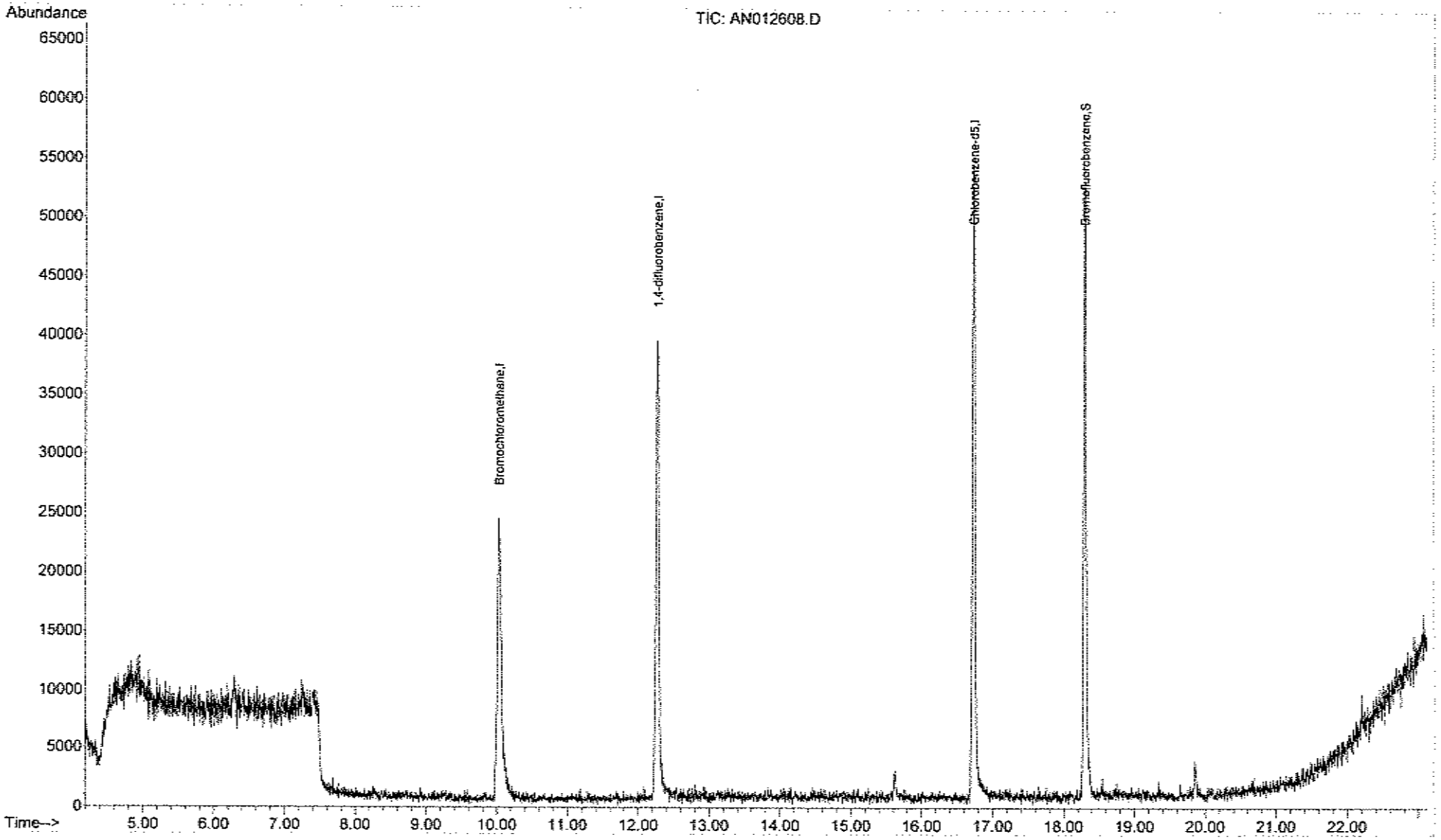
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	10.02	128	12458	1.00	ppb	0.00
35) 1,4-difluorobenzene	12.26	114	43067	1.00	ppb	0.00
50) Chlorobenzene-d5	16.72	117	39530	1.00	ppb	0.00
System Monitoring Compounds						
66) Bromofluorobenzene	18.29	95	21839	0.71	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 71.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
AN012608.D A204_1UG.M Tue Mar 08 09:16:41 2016 MSD1 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA2\JAN2016\AN012608.D Vial: 2
Acq On : 26 Jan 2016 12:54 pm Operator: RJP
Sample : WAC012616B Inst : MSD #1
Misc : A104_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 27 8:49 2016 Quant Results File: A104_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration



AN012608.D A204_1UG.M Tue Mar 08 09:16:42 2016 MSD1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA2\JAN2016\AN012609.D Vial: 3
Acq On : 26 Jan 2016 1:31 pm Operator: RJP
Sample : WAC012616C Inst : MSD #1
Misc : A104_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 27 08:43:39 2016 Quant Results File: A104_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A104_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Mon Jan 04 19:42:58 2016
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

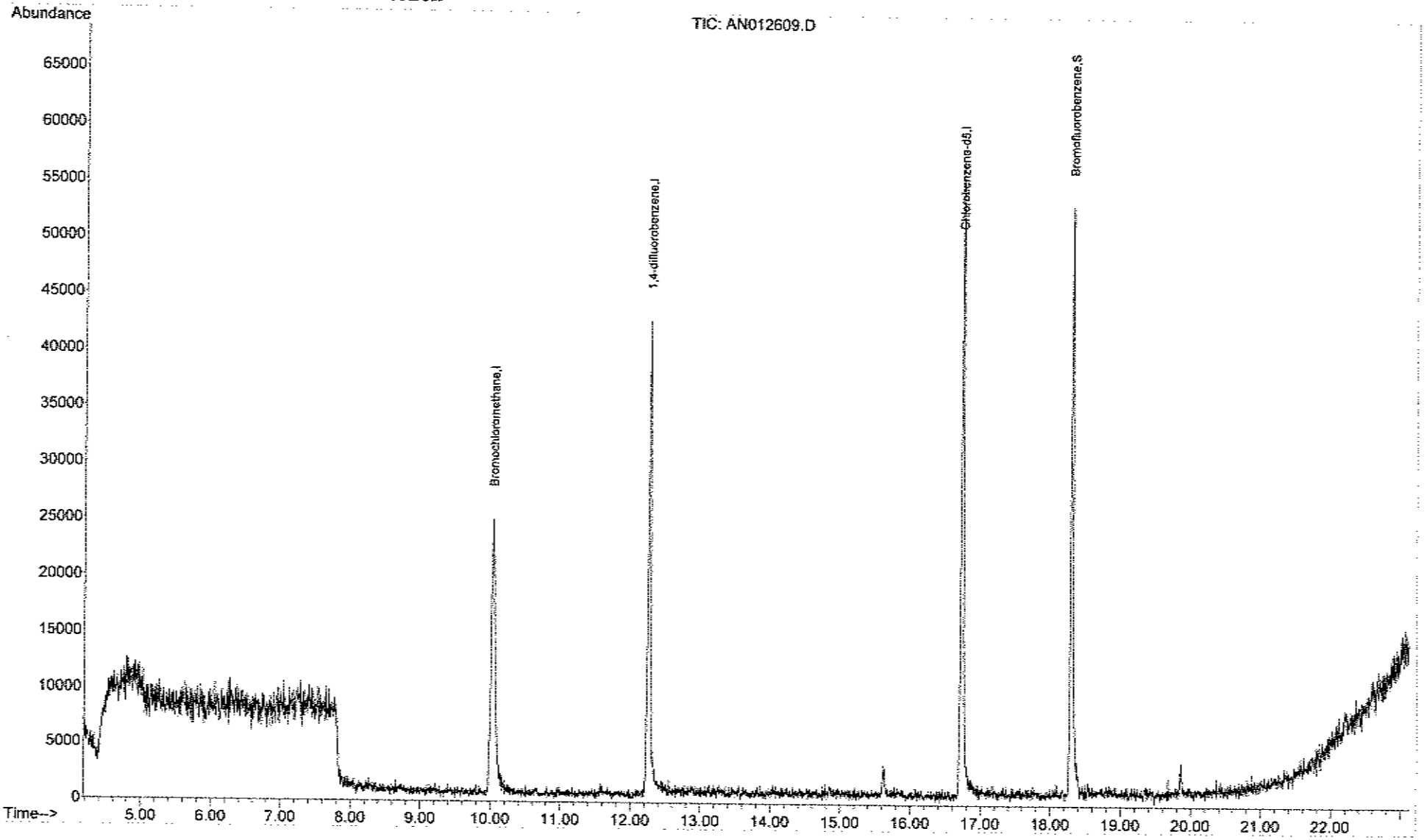
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	10.02	128	12387	1.00	ppb	0.00
35) 1,4-difluorobenzene	12.26	114	42878	1.00	ppb	0.00
50) Chlorobenzene-d5	16.72	117	39907	1.00	ppb	0.00
System Monitoring Compounds						
66) Bromofluorobenzene	18.29	95	22445	0.73	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 73.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
AN012609.D A204_1UG.M Tue Mar 08 09:16:44 2016 MSD1 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA2\JAN2016\AN012609.D Vial: 3
Acq On : 26 Jan 2016 1:31 pm Operator: RJP
Sample : WAC012616C Inst : MSD #1
Misc : A104_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 27 8:43 2016 Quant Results File: A104_1UG.RES

Method : C:\HPCHEM\1\METHODS\A204_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Mar 03 09:50:16 2016
Response via : Initial Calibration



AN012609.D A204_1UG.M Tue Mar 08 09:16:45 2016 MSD1

Centek Laboratories, LLC

APPENDIX L

DATA USABILITY SUMMARY REPORTS (DUSR)

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
harry@frontiernet.net

June 15, 2016; Revised July 11, 2016

Kirby VanVleet
Hanson Van Vleet, LLC
902 Route 146
Clifton Park, NY 12065

RE: **D**ata **U**sability **S**ummary **R**eport for the Tim Bayly Property, 800 Broadway Site
Phoenix SDG Nos. GBJ62104, GBJ86812, and GBK17096
Centek SDG No. C1602007

Dear Mr. Van Vleet:

Review has been completed for the data generated by Phoenix Environmental Laboratories, Inc and Centek Laboratories that pertain to samples collected between 07/20/15 and 02/01/16 at the 800 Broadway, Rensselaer, NY site. Three soil samples were processed for TCL volatiles, TCL semivolatiles, TCL pesticides, TCL PCBs, and TAL metals. Twenty nine soil samples and two field duplicates were processed for TCL semivolatiles, TCL pesticides, TCL PCBs, and TAL metals. Thirty soil samples and two field duplicates were processed for TCL volatiles, and one soil sample was processed for TCL semivolatiles. Three aqueous samples and a field duplicate were processed for TCL volatiles, TCL semivolatiles, TCL pesticides, TCL PCBs, and total and dissolved fractions of TAL metals. One aqueous sample was processed for TCL volatiles, TCL semivolatiles, dissolved metals, and total cyanide, and five aqueous samples and a trip blank were analyzed for TCL volatiles. Six 6L summa canisters were processed for volatiles. The analytical protocols utilized are those of the USEPA SW846 and USEPA TO-15.

The data packages submitted contain full deliverables for validation, and this usability report is generated from review of the summary form information, with full review of sample raw data, and limited review of associated QC raw data. The reported summary forms have been reviewed for application of validation qualifiers, using guidance from the USEPA Region 2 validation SOPs, the USEPA National Functional Guidelines for Data Review, the specific laboratory methodologies, and professional judgment, as affects the usability of the data. The following items were reviewed:

* Laboratory Narrative Discussion
* Custody Documentation
* Holding Times
* Surrogate and Internal Standard Recoveries
* Matrix Spike Recoveries/Duplicate Correlations
* Preparation, Calibration, and Canister Blanks
* Control Spike/Laboratory Control Samples
* Instrumental Tunes
* Calibration/Low Level Standards
* ICP Serial Dilution

* Instrument IDLs
* Sample Result Verification

The data review includes evaluation of the specific items noted in The NYS DER-10 Appendix B section 2.0 (c). The items listed above that show deficiencies are discussed within the text of this narrative. The laboratory QC forms illustrating the excursions can be found within the laboratory data package.

In summary, most sample results are usable either as reported, with edit, or with qualification. However, the following items of concern are noted:

- Due to laboratory scheduling error, the semivolatile results for MW-4 are qualified as estimated, with an unknown possible level of bias, and are of borderline usability
- Inconsistencies were observed in detected volatile concentrations in some of the soil samples

Data completeness, representativeness, and the analytical method comparability are acceptable. Accuracy and precision for the soils are acceptable; however, no aqueous sample matrix spikes were performed for the organic analytes, and matrix effect on those recoveries has not been determined.

Included with this report are listings of sample identifications covered in this report and the laboratory EQuIS deliverables (for target analytes) and excel tables (for Tentatively Identified Compounds), edited to reflect qualifications recommended within this report.

The following text discusses quality issues of concern.

Chain-of-Custody

There were no final relinquish entries on the custody forms associated with samples collected 09/01/15.

The request for total cyanide analysis on MW-4 was not present on the custody form or documented in the data package.

The custody form should have noted that both of the aqueous metals fractions were submitted in preserved containers.

Writeovers on the custody forms should have been dated and initialed.

Blind Field Duplicates

Blind field duplicate evaluations were performed on MW-11 (S-8, 7.5FT), MW-6 S-7 13-14FT, MW-8 S-10 19-20FT, and MW-8. Correlations fall within validation guidelines, with the exception of those for the following, results for which are qualified as estimated in the parent sample and its duplicate:

- calcium in MW-11 (S-8, 7.5FT)
- bis(2-ethylhexyl)phthalate in MW-8
- calcium lead, manganese, and antimony in MW-6 S-7 13-14FT

TCL Volatile Analyses by EPA 8260C

Matrix spikes were processed on MW-6 S-2 4FT, MW-7 S-10 19.5FT, and MW-9(S-3,3.5FT), and show recoveries and correlations within validation guidelines, with the following exceptions, results for which are qualified as estimated in the parent sample:

Parent Sample	Analyte	Outlying % Recoveries
MW-6 S-2 4FT	1,2,4-trichlorobenzene	64,60
	1,2,3-trichlorobenzene	68,61
MW-7 S-10 19.5FT	1,2,3-trichlorobenzene	69,66

The detections of acetone in the samples collected in October are considered external contamination, and have been edited to non-detection, due to presence in the associated trip blank.

Results for compounds flagged by the laboratory as "E" have been derived from the dilution analyses of the samples. Those flagged "E" for which no dilution was performed have been qualified as estimated in value as they reflect responses above the calibration range of the instrument.

Several soil samples collected in July were analyzed at both low and medium (methanol extraction) level. Significant variances between low and medium level results were consistently observed for most of the detected analyte concentrations. In some cases, the detected concentrations were more than two orders of magnitude higher in the medium level. The higher concentrations are reported, and qualified as estimated due to the variances. Additionally, the medium level concentrations may have a low bias due to the use of a previously opened container. Inspection of the raw data does not provide insight as to why the large variances.

S-A showed one low internal standard recovery in the low level analysis, and therefore the medium level analysis results were used for the eight associated analytes. This resulted in elevated reporting limits for the affected analytes.

Calibration standards show acceptable responses, with the exception of those for the following the results for that compound have been qualified as estimated in the indicated samples:

- bromomethane (35%D) in samples MW-6 and MW-9
- 1,2,4-trichlorobenzene and 1,2,3-trichlorobenzene (22%D) in samples MW-7 S-2A 3.5FT, MW-7 S-4 7.5FT, MW-7 S-5 9FT, MW-7 S-8 14.5FT, and MW-7 S-10 19.5FT

Back-up documentation for the Tentatively Identified Compounds (TICs) was not provided in the data package, nor were their results reported on the laboratory EQuIS EDDs. The back-up documentation was resubmitted and reviewed, and the TIC results were reported on separate laboratory excel files.

The TICs that are identified as "unknown" should not have been flagged by the laboratory with the "N" flag, meaning tentative identification.

MW-3 was performed only at twofold dilution due to foaming of the undiluted sample. This results in proportionally elevated reporting limits.

TCL Semivolatiles by EPA 8270C by Full Scan and SIM

MW-4 was extracted for pesticide analysis rather than semivolatile analysis. Therefore, semivolatile surrogates were not added, and that evaluation for recovery and accuracy is not available. Additionally, errors were made in the addition of internal standards at analysis, thus prohibiting that evaluation of matrix effect. Results of for the semivolatiles have been qualified as estimated, and are borderline usability.

All results for MW-9(S-6,6-7FT) are qualified as estimated due to low recoveries of the surrogate standards on repeated analysis.

The detection of bis(2-ethylhexyl)phthalate in MW-4 derived from the SIM analysis is considered external contamination, and has been edited to non-detection, due to presence in the associated method blank.

Results for compounds flagged by the laboratory as "E" have been derived from the dilution analyses of the samples.

Matrix spikes of MW-8 S-2 3-4FT, MW-11(S-11,9.5-10.5FT), and MW-6 S-2 3-4FT show recoveries and correlations within the ranges/limits utilized by the laboratory. However, the laboratory utilizes a very generous recovery acceptance range of 20% to 120%, rather than the analyte-specific protocol-required ranges that are to be determined by the laboratory.

Calibration standards showed acceptable responses, with the following exceptions, the results for which are qualified as estimated in the indicated samples: benzaldehyde (54%D) in samples MW-1, MW-7, MW-8,and MW-12.

Back-up documentation for the Tentatively Identified Compounds (TICs) was not provided in the data package, nor were their results reported on the laboratory EQuIS EDDs. The back-up documentation was resubmitted and reviewed, and the TIC results were reported on separate laboratory excel files.

The TICs that are identified as "unknown" should not have been flagged by the laboratory with the "N" flag, meaning tentative identification. Those flagged by the laboratory as "A" or identified as 4-hydroxy-4-methyl-2-pentanone are extraction artifacts and have been removed from consideration as sample components. Sample TICs that were present in associated method blanks should have been flagged as "B" by the laboratory. These have been removed from consideration as sample components.

Aroclor PCBs and TCL Pesticides by EPA methods 608, 8081B, and 8082A

Due to low recoveries of surrogate standards DCB on both columns, the results for pesticides in MW-7 and MW-8, and for PCBs in MW-7, MW-8, and MW-12, are qualified as estimated in value, with a possible low bias.

Results for compounds flagged by the laboratory as "E" have been derived from the dilution analyses of the samples.

The pesticide and Aroclor 1016/1260 matrix spikes of MW-7 S-10 18.5-19.5 and MW-8 S-2 3-34FT, and the pesticide matrix spikes of M-11(S-11,9.5-10.5FT) show recoveries and correlations within laboratory acceptance ranges,

The detections of a-chlordane and g-chlordane in MW-10(S-5-5.6ft) are qualified as tentative in identification and estimated in value due to poor dual column quantitative correlations.

The report forms and EQuIS files report Method Detection Limit (MDL) values that are not generated according to the USEPA or NELAC definition of MDLs.

TAL Metals by EPA 6010C, 7010, 7470, and 7471

Matrix spikes of antimony, selenium, and thallium on MW-1, and mercury on MW-11(S-2,2-3FT) and the dissolved fraction of MW-7, show acceptable recoveries and correlations. The following additional matrix spikes show outliers listed below; results for those elements in the parent samples are qualified as estimated:

Parent Sample	Element	Outlying % Recoveries
MW-7 (total)	aluminum	197
MW-8 S-2 3-4FT	barium	129
	potassium	424
	sodium	160
MW-7 S-10 18.5-19.5FT	barium	197
	manganese	874
	sodium	152
	antimony	50.3
MW-11 (S-11, 9.5-10.5FT)	potassium	353
	sodium	167
	antimony	71.8

The ICP serial dilution evaluation of MW-11 (S-11, 9.5-10.5FT) shows an outlying correlation for lead (439%D), and the results for that element in the parent sample has been qualified as estimated in value.

The ICP serial dilution evaluations of MW-7 (total), MW-8 S-2 3-4FT, and MW-7 S-10 18.5-19.5 show acceptable correlations.

Blanks how no contamination affecting sample reported results.

Wet Chemistry Analyses for Total Cyanide by 9010/9012

Review was conducted for method compliance, holding times, transcription, calculations, standard and blank acceptability, accuracy and precision, etc., as applicable to each procedure. All were found acceptable for the validated samples, unless noted specifically within this text.

Due to inadequate preservation, the total cyanide result for MW-4 is qualified as estimated, with a low bias.

No cyanide matrix spike evaluations were performed, and therefore, the matrix effect on that analyte recovery has not been determined.

Volatile Analyses by EPA TO-15

Holding times and instrument tunes meet requirements. Method and canister blanks show no contamination. The clean canister certifications were reviewed during validation.

Surrogate and internal standard responses are within protocol requirements.

Initial and continuing calibration standard responses fall within validation guidelines.

Please do not hesitate to contact me if you have comments or questions regarding this report.

Very truly yours,

Judy Harry

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Client and Laboratory Sample IDs

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

September 02, 2015 **SDG I.D.: GBJ62104**

Hanson VanVleet LLC JIM BAYLY PROPERTY

Sample Id Cross Reference

Client Id	Lab Id	Matrix
MW-8 S-2 3FT	BJ62104	SOIL
MW-8 S-2 3-4FT	BJ62105	SOIL
MW-8 S-4 8FT	BJ62106	SOIL
MW-8 S-4 7-8FT	BJ62107	SOIL
MW-8 S-6B 11FT	BJ62108	SOIL
MW-8 S-6B 11-12FT	BJ62109	SOIL
MW-8 S-8 15FT	BJ62110	SOIL
MW-8 S-8 15-16FT	BJ62111	SOIL
MW-8 S-10 20FT	BJ62112	SOIL
MW-8 S-10 19-20FT	BJ62113	SOIL
MW-8 S-11 25FT	BJ62114	SOIL
MW-8 S-11 24-25FT	BJ62115	SOIL
S-A	BJ62116	SOIL
S-B	BJ62117	SOIL
MW-6 S-2 4FT	BJ62118	SOIL
MW-6 S-2 3-4FT	BJ62119	SOIL
MW-6 S-4 6FT	BJ62120	SOIL
MW-6 S-4 6-7FT	BJ62121	SOIL
MW-6 S-6 10FT	BJ62122	SOIL
MW-6 S-6 10-11FT	BJ62123	SOIL
MW-6 S-7 13FT	BJ62124	SOIL
MW-6 S-7 13-14FT	BJ62125	SOIL
MW-6 S-11 25FT	BJ62126	SOIL
MW-6 S-9A 17.5FT	BJ62127	SOIL
MW-6 S-9A 16.5-17.5FT	BJ62128	SOIL
MW-6 S-9C 17.6FT	BJ62129	SOIL
MW-6 S-9C 17.6-18FT	BJ62130	SOIL
MW-6 S-10 18.1FT	BJ62131	SOIL
MW-6 S-10 18.1-19FT	BJ62132	SOIL

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH NELAC
NY # 11301

NY Analytical Services Protocol Format

September 02, 2015 **SDG I.D.: GBJ62104**

Hanson VanVleet LLC JIM BAYLY PROPERTY

MW-7 S-2A 3.5FT	BJ62133	SOIL
MW-7 S-2A 3-4FT	BJ62134	SOIL
MW-7 S-4 7.5FT	BJ62135	SOIL
MW-7 S-4 6.5-7.5FT	BJ62136	SOIL
MW-7 S-5 9FT	BJ62137	SOIL
MW-7 S-5 8.3-9.3FT	BJ62138	SOIL
MW-7 S-8 14.5FT	BJ62139	SOIL
MW-7 S-8 14.5-15.5FT	BJ62140	SOIL
MW-7 S-10 19.5FT	BJ62141	SOIL
MW-7 S-10 18.5-19.5FT	BJ62142	SOIL

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH NELAC NY # 11301

NY Analytical Services Protocol Format

December 15, 2015 **SDG I.D.: GBJ86812**

Hanson VanVleet LLC TIM BAYLY PROPERTY

Sample Id Cross Reference

Client Id	Lab Id	Matrix
MW-9 (S-3, 3.5 FT)	BJ86812	SOIL
MW-9 (S-3, 3-3.75 FT)	BJ86813	SOIL
MW-9 (S-4, 4.0 FT)	BJ86814	SOIL
MW-9 (S-4, 3.75-4.75 FT)	BJ86815	SOIL
MW-9 (S-6, 6.5 FT)	BJ86816	SOIL
MW-9 (S-6, 6-7 FT)	BJ86817	SOIL
MW-9 (S-8, 8.0 FT)	BJ86818	SOIL
MW-9 (S-8, 7.75-8.0 FT)	BJ86819	SOIL
MW-10 (S-3, 3.5 FT)	BJ86820	SOIL
MW-10 (S-3, 3-4 FT)	BJ86821	SOIL
MW-10 (S-5, 5-6 FT)	BJ86822	SOIL
MW-10 (S-5 - 5.6 FT)	BJ86823	SOIL
MW-10 (S-6, 6.5 FT)	BJ86824	SOIL
MW-10 (S-6, 6-7 FT)	BJ86825	SOIL
MW-10 (S-10, 9.5 FT)	BJ86826	SOIL
MW-10 (S-10, 9-10 FT)	BJ86827	SOIL
MW-11 (S-3 2.5 FT)	BJ86828	SOIL
MW-11 (S-3, 2-3 FT)	BJ86829	SOIL
MW-11 (S-4, 3.5 FT)	BJ86830	SOIL
MW-11 (S-4, 3-4 FT)	BJ86831	SOIL
MW-11 (S-8, 7.5 FT)	BJ86832	SOIL
MW-11 (S-8 7.8 FT)	BJ86833	SOIL
MW-11 (S-10, 9.0 FT)	BJ86834	SOIL
MW-11 (S-10 8.5-9.5 FT)	BJ86835	SOIL
MW-11 (S-11, 10 FT)	BJ86836	SOIL
MW-11 (S-11, 9.5-10.5 FT)	BJ86837	SOIL
MW-11 (S-12, 11.0 FT)	BJ86838	SOIL
MW-11 (S-12, 10.5-11.5 FT)	BJ86839	SOIL

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH
NY # 11301

NY Analytical Services Protocol Format

November 17, 2015

SDG I.D.: GBK17096

Hanson VanVleet LLC TIM BAYLY

Sample Id Cross Reference

Client Id	Lab Id	Matrix
MW-1	BK17096	GROUND WATER
MW-1	BK17097	GROUND WATER
MW-3	BK17098	GROUND WATER
MW-4	BK17099	GROUND WATER
MW-4	BK17100	GROUND WATER
MW-5	BK17101	GROUND WATER
MW-6	BK17102	GROUND WATER
MW-7	BK17103	GROUND WATER
MW-7	BK17104	GROUND WATER
MW-8	BK17105	GROUND WATER
MW-12	BK17106	GROUND WATER
MW-9	BK17107	GROUND WATER
MW-10	BK17108	GROUND WATER
BLANK	BK17109	GROUND WATER

CENTEK LABORATORIES, LLC

Date: *08-Mar-16*

CLIENT: Hanson Van Vleet
Project: Tim Bayly Site
Lab Order: C1602007

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
C1602007-001A	SS-1	544.435	2/1/2016	2/3/2016
C1602007-002A	SS-2	236.374	2/1/2016	2/3/2016
C1602007-003A	IA-1	471.382	2/1/2016	2/3/2016
C1602007-004A	IA-2	234.345	2/1/2016	2/3/2016
C1602007-005A	IA-3	202.379	2/1/2016	2/3/2016
C1602007-006A	OA-1	360.388	2/1/2016	2/3/2016

APPENDIX M

FISH AND WILDLIFE RESOURCE IMPACT ANALYSIS (FWRIA)

ENVIRONMENTAL DESIGN
PARTNERSHIP, LLP
900 Route 146
Clifton Park, NY 12065
(518) 371-7621

FISH & WILDLIFE IMPACT ANALYSIS
Inactive Hazardous Waste Sites

Project Location:
800 Broadway, Rensselaer
Rensselaer County, New York

Prepared for:
Hanson VanVleet, LLC
902 Route 146
Clifton Park, New York 12065

Prepared by:
The Environmental Design Partnership, LLP
900 Route 146
Clifton Park, New York 12065

December 2016

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5	Significant Coastal Fish & Wildlife Habitat	2-3

LIST OF ATTACHMENTS

Attachment	Description
1	Environmental Resource Mapper Significant Natural Communities Report
2	NYS Wild, Scenic & Recreational Rivers
3	NYSDOS Coastal Fish & Wildlife Rating Forms
4	Photograph Documentation, October 20, 2016
5	Vegetation Cover Type

1.0 INTRODUCTION

Hanson VanVleet (HVV) retained The Environmental Design Partnership, LLP (EDP) to conduct a Fish and Wildlife Impact Analysis (FWIA) for an inactive hazardous waste site (Site No.: C442043) at the request of the New York State Department of Environmental Conservation (NYSDEC) in response to the Remedial Investigation Report (RIR) submitted for the project.

The property is owned by Tim Bayly and is located at 800 Broadway in the City of Rensselaer, Rensselaer County, New York (**Figure 1**). The site is located within an urbanized area and is approximately 3,548 square feet in size and is almost entirely occupied by the existing building. The site is at an approximate elevation of 40 to 50 feet above mean seas level (amsl). In general, the site is gently sloped to the west toward Broadway. Beyond Broadway, there is a sharp elevation decent down to railroad tracks. The land between the railroad tracks and the Hudson River is under active construction. The Hudson River is the nearest waterbody and is located approximately 1,300 feet west of the site. An unnamed tributary to the Hudson River is located approximately 1,350 feet east of the site.

A site inspection was conducted by EDP biologists on October 19, 2016 to investigate the building and the immediate surroundings for wildlife usage. In addition to our on-site investigation, EDP conducted ground-truth spot checks of natural resources within a half-mile radius of the site. Minimal evidence of wildlife usage of the site was identified within the building's main floor but no evidence of digging or burrowing was identified within the basement or along the outside perimeter of the structure. The primary evidence of wildlife usage found was nesting within the building walls and feeding on nuts brought in from outside sources. The use appeared to be limited to Gnawing Mammals (Rodentia) such as squirrels (Sciuridae) and mice (Cricetidae). No evidence of bat (Chiroptera) usage such as guano droppings was observed.

Given that no digging or burrowing evidence was identified on-site or in the immediate surroundings, which would be the primary pathway for wildlife exposure, it is the professional opinion of EDP that a full FWIA is not warranted for this site. Furthermore, the contamination present was from a point source (former dry cleaner) to the groundwater which will be prevented

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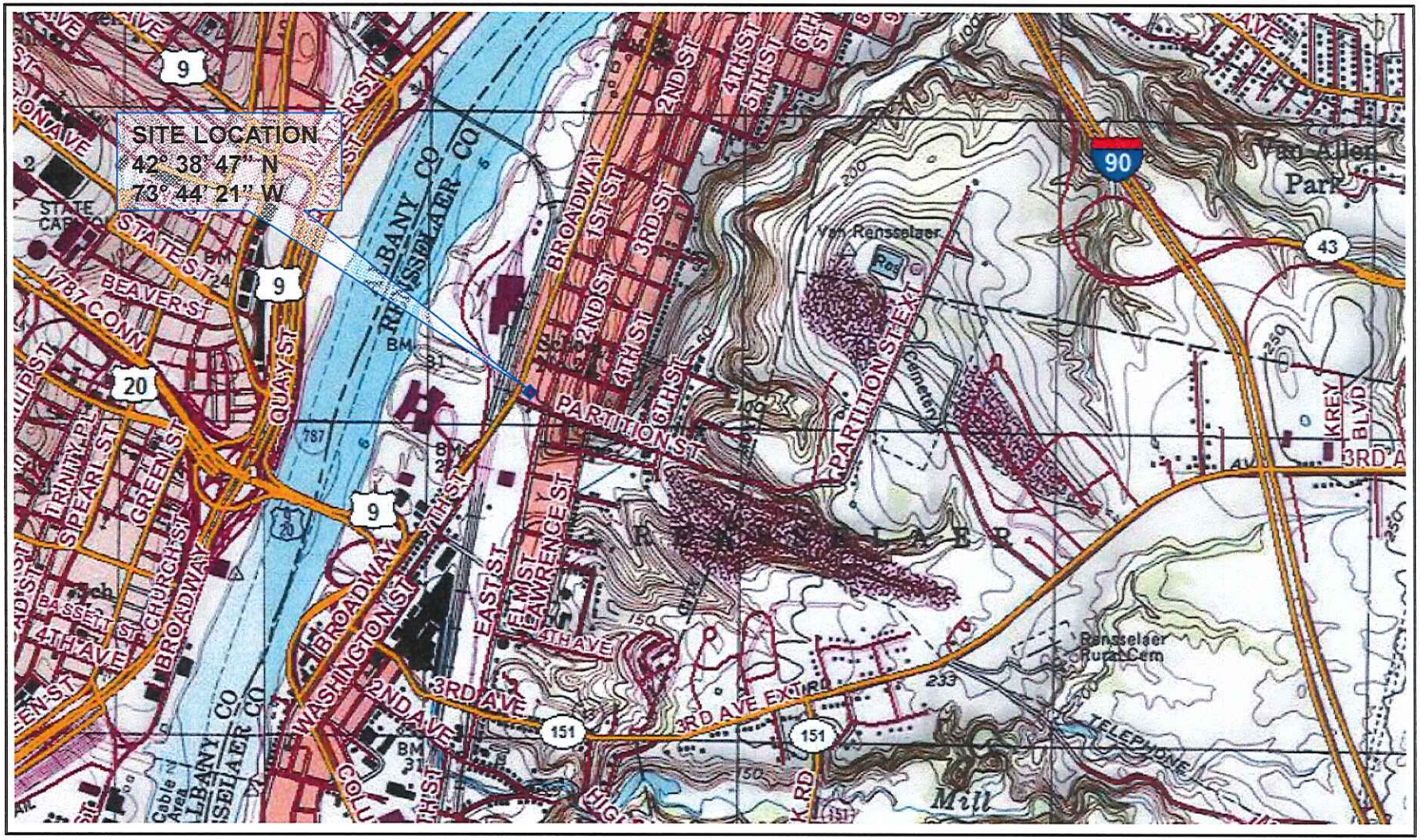

NOT TO SCALE

edp	**800 Broadway, Rensselaer, NY** Tim Bayly Property **SITE LOCATION MAP**	The Environmental Design Partnership, LLP © 2004 **FIGURE 1**

from discharging to surface water, there is no widespread soil contamination and there is no habitat present for an endangered, threatened or special concern species present.

The remainder of this report details the methods and findings of the research conducted by EDP including the identification and general description of fish and wildlife resources within a half mile of the site.

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2.0 MAPPED FISH & WILDLIFE RESOURCES

EDP conducted an online investigation to determine the presence of significant natural resource communities within a half mile of the site. Most of the information was obtained from the NYSDEC Environmental Resource Mapper (ERM). Significant Coastal Fish and Wildlife Habitats were identified using the NYS Department of State Office of Planning and Development NYS Coastal Boundary Map. The following sections summarize the findings of this online investigation.

2.1 Significant Natural Communities & Rare, Threatened & Endangered Species Habitats

The ERM identified one Significant Natural Community within a half mile of the site, The Hudson River Estuary, which is approximately 1,300 feet west of the site (**Figure 2**). The following rare plant species associated with the Hudson River Estuary in the vicinity of the project include the following according to the ERM:

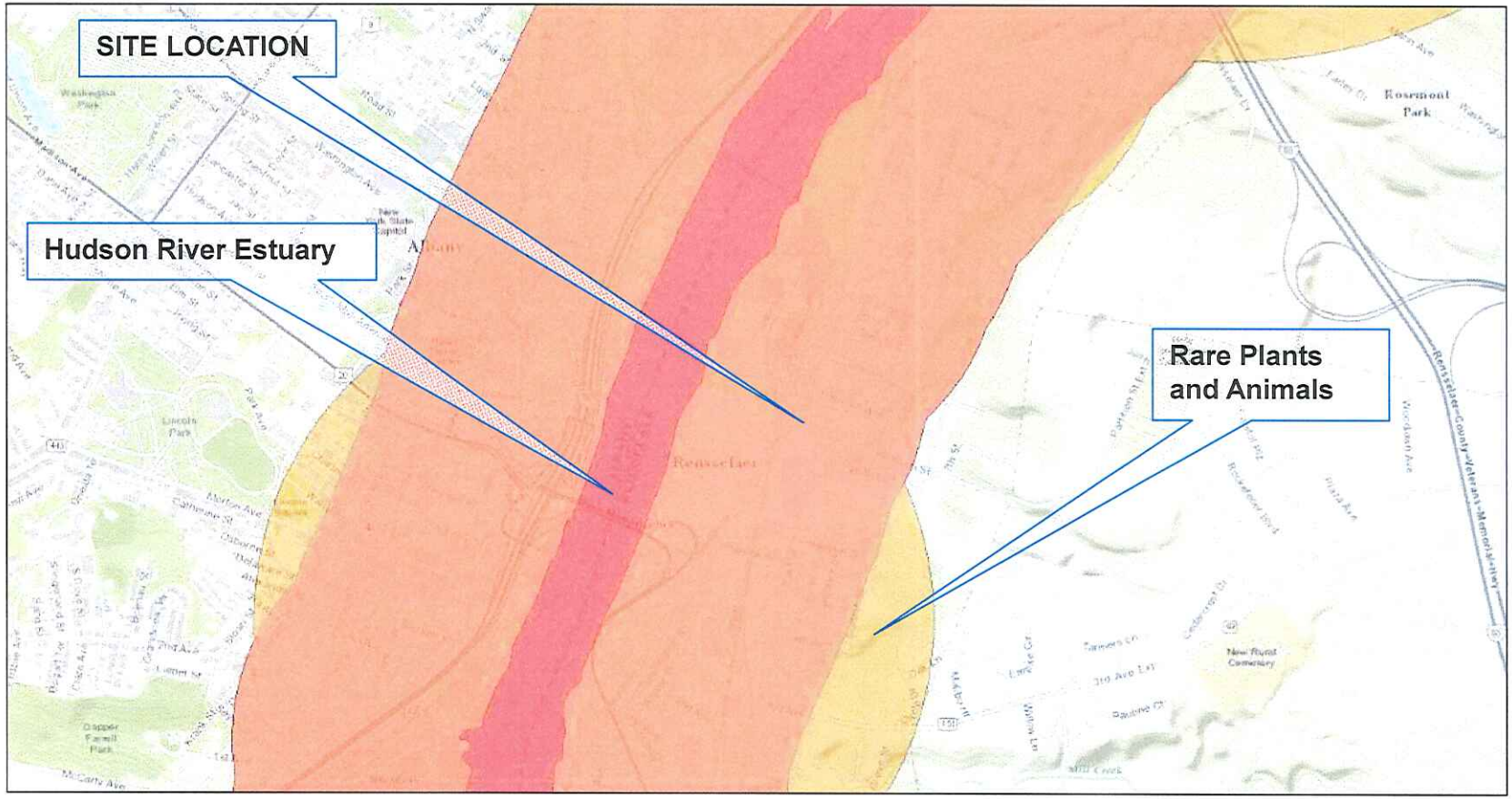
- Delmarva Beggar-ticks (*Bidens bidentoides*), last documented: 10-11-1945 at the Port of Albany
- Mock-pennyroyal (*Hedeoma hispida*), last documented: 6-24-1950 at the Port of Albany
- Small's Knotweed (*Polygonum aviculare ssp. Buxiforme*), last documented: 7-25-1974 at the Port of Albany
- Troublesome Sedge (*Carex molesta*), last documented: 7-17-1947 at the Port of Albany
- Hop Sedge (*Carex lupulinus ssp. lupulinus*), last documented: 7-31-1950 at the Port of Albany

The ERM only identified one rare animal species in the vicinity of the project and associated with the Hudson River Estuary. The species identified included the Yellow Lampmussel (*Lampsilis cariosa*). No date was provided for the last time this species was documented.

All plant and animal species listed by the ERM were from historic records. EDP sent a formal information request to the NYS Natural Heritage Program but has not received a response at the time in which this report was prepared. The report obtained from the ERM is included as **Attachment 1**.

N

Significant Natural Communities & Rare Plants & Animals



Source:
NYSDEC Environmental Resource Mapper
http://www.dec.ny.gov/gis/erm/
Retrieved: 11/16/16

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800 Broadway, Rensselaer, NY

Tim Bayly Property

SIGNIFICANT NATURAL COMMUNITIES

The Environmental Design Partnership, LLP © 2004

FIGURE 2

Additionally, several species were identified by the USFWS website and DEC GIS and noted in the "Final Generic Environmental Impact Statement, Rensselaer Waterfront Development Project, Marx Properties, Inc.":

- Bald eagle (*Haliaeetus leucocephalus*), listed as possibly occurring within the boundaries of the Hudson River
- Indiana bat (*Myotis sodalis*), the Hudson River could provide suitable foraging and summer roosting habitat.
- Shortnose sturgeon (*Acipenser brevirostrum*), listed by NOAA-NMFS as likely to be present within the Hudson River, especially during mid-April through June
- Peregrine falcon (*Falco mexicanus*), nests on ledges or holes of rocky cliffs or on manmade structures such as bridges and tall buildings and use natural open areas for foraging.
- Alewife floater (*Anodonta implicate*), occurs in the Hudson River, but has declined due to the invasion of zebra mussels (*Dreissena polymorpha*)

2.2 NYS Regulated Wetlands

There are no NYS Freshwater Wetlands mapped within a half mile of the site according to the EMR (**Figure 3**).

2.3 Waterways

According to the ERM all waterways within a half mile of the site, including the Hudson River, are classified as Class "C" with a "C" standard (**Figure 4**). The closest waterways are the Hudson River which is approximately 1,300 feet to the west and an unnamed tributary to the Hudson River approximately 1,350 feet east of the site.

2.4 Wild, Scenic & Recreational Rivers

There are no rivers within a half mile of the project that are designated as Wild, Scenic or Recreational by Article 15 Title 27 of the NYS Environmental Conservation Law. Portions of the Hudson River are designated several miles north of the site in the Adirondack Region. A list of Wild, Scenic and Recreational Rivers is included as **Attachment 2**.

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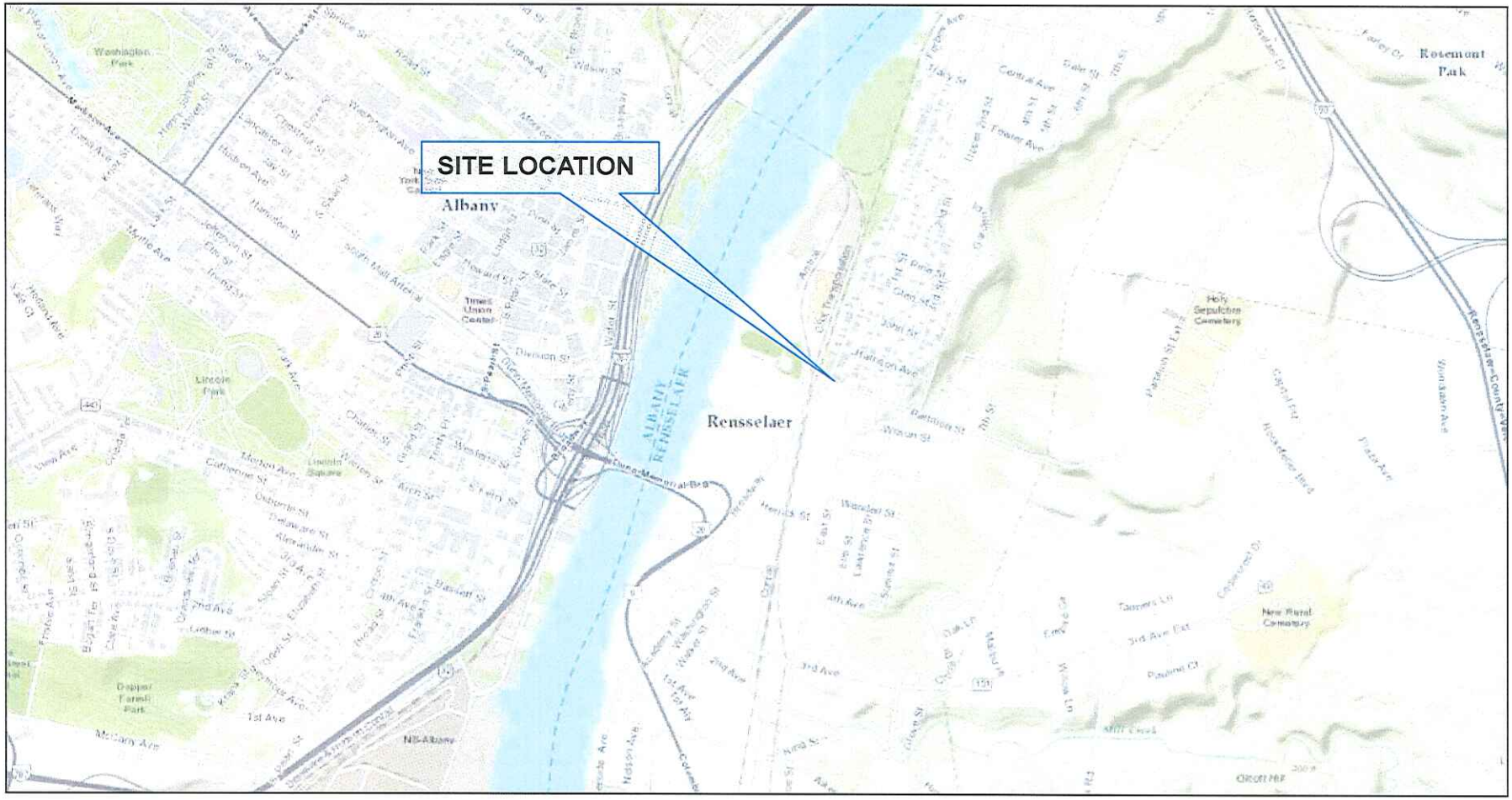
NYS Freshwater Wetlands



Source:
NYSDEC Environmental Resource Mapper
http://www.dec.ny.gov/gis/erm/
Retrieved: 11/16/16

NOT TO SCALE

800 Broadway, Rensselaer, NY

Tim Bayly Property

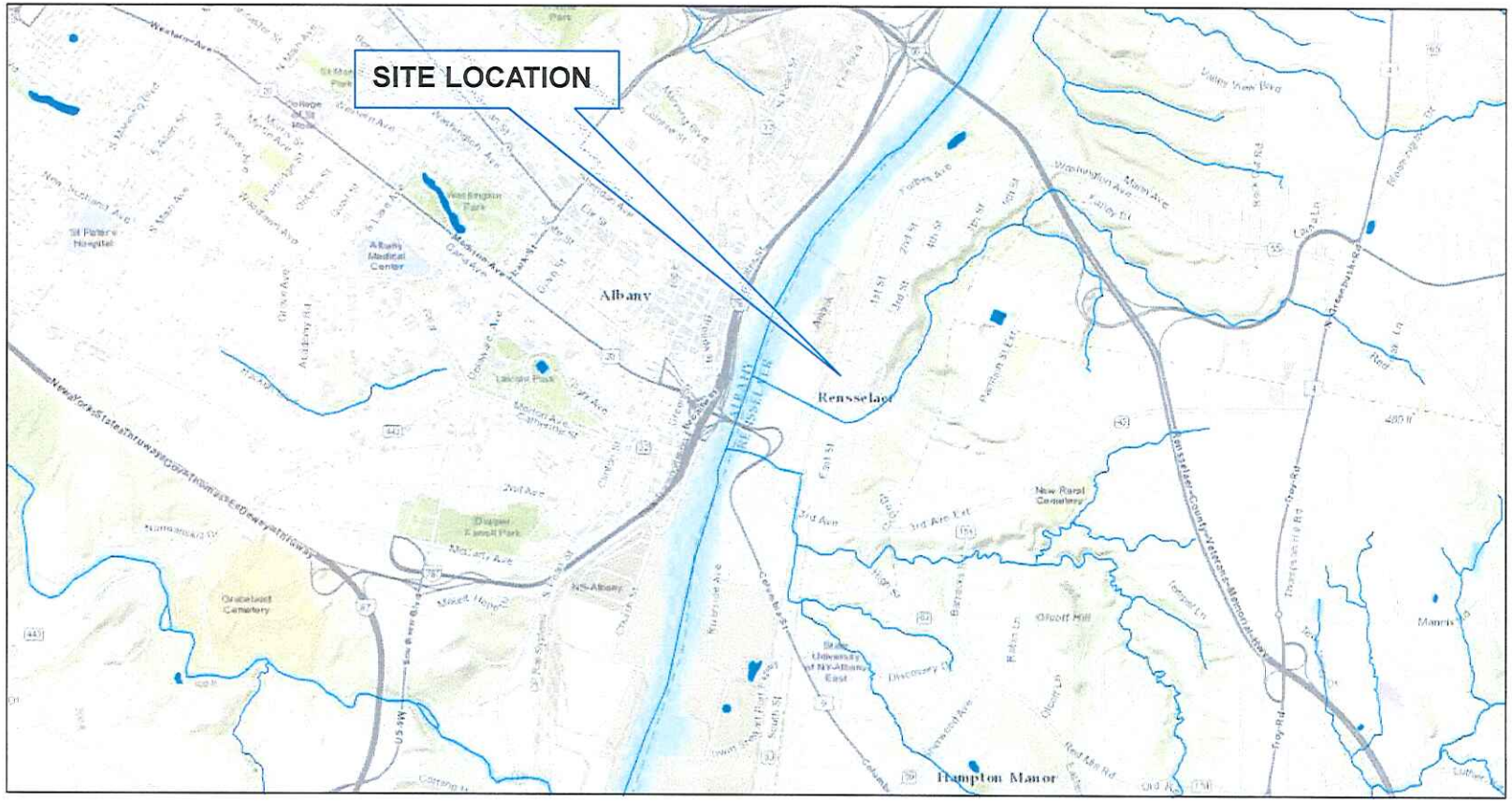
NYS Freshwater Wetlands Map

The Environmental Design Partnership, LLP © 2004

FIGURE 3

N

NYS Classified Waters



Source:
NYSDEC Environmental Resource Mapper
http://www.dec.ny.gov/gis/erm/
Retrieved: 11/16/16

NOT TO SCALE

800 Broadway, Rensselaer, NY

Tim Bayly Property

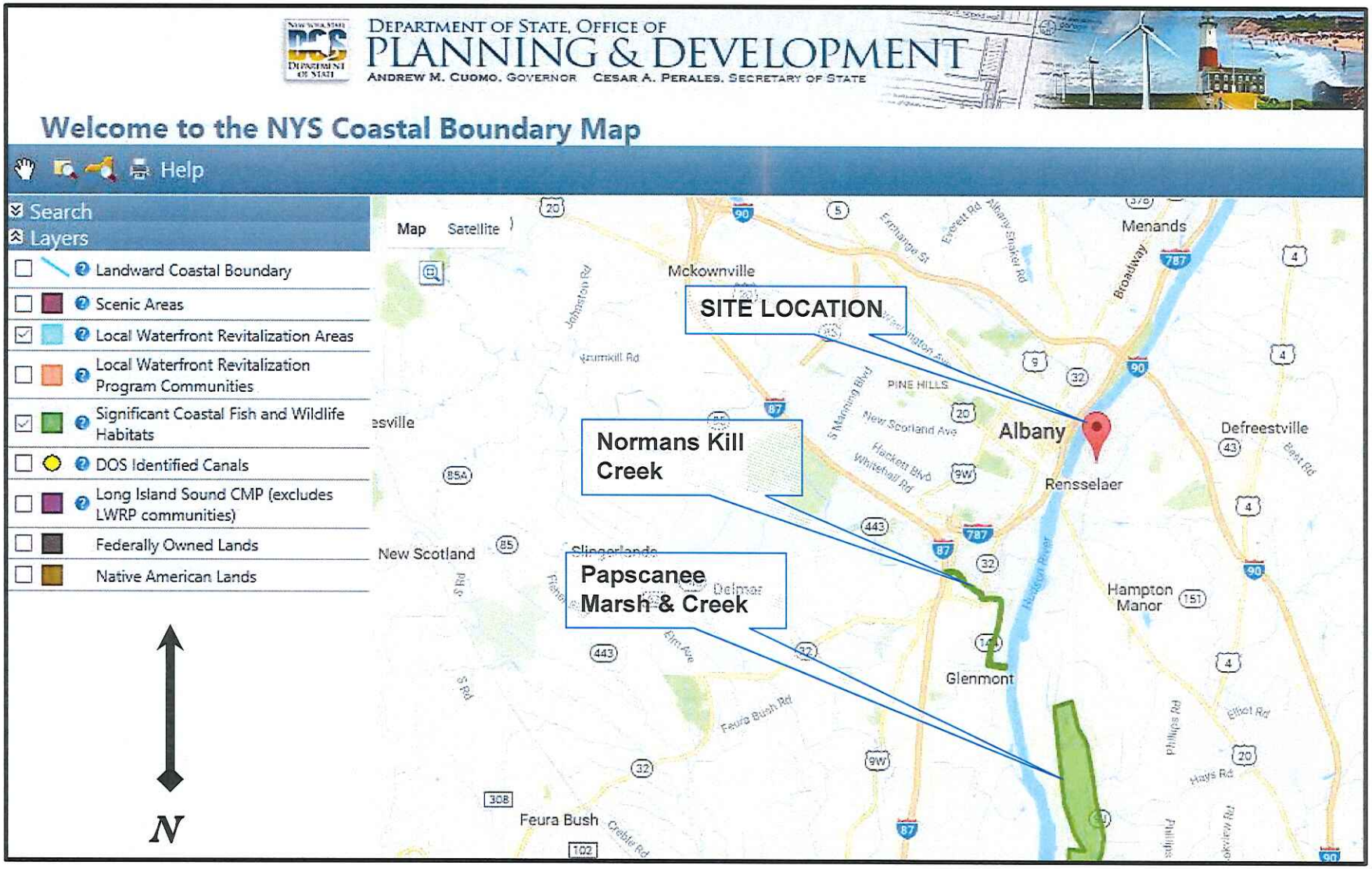
NYS CLASSIFIED WATERS

The Environmental Design Partnership, LLP © 2004

FIGURE 4

2.5 Significant Coastal Fish & Wildlife Habitat, Stream & Lakes\

There are no designated Significant Coastal Fish and Wildlife Habitats (SCFWH) mapped by the NYS Department of State (DOS) within a half mile of the project. The closest mapped SCFWH are the Normans Kill Creek and the Papscanee Marsh and Creek which are both greater than two miles south of the site (**Figure 5**). The Coastal Fish and Wildlife Rating Forms for each site are included with **Attachment 3**.



NOT TO SCALE

800 Broadway, Rensselaer, NY

Tim Bayly Property

SIGNIFICANT COASTAL FISH & WILDLIFE HABITAT

The Environmental Design Partnership, LLP © 2004

FIGURE 5

3.0 ECOLOGICAL COMMUNITIES

EDP identified six ecological communities within a half mile of the site. The communities were classified in accordance with "Ecological Communities of New York State, Second Edition", (Edinger et al. 2002). The following Ecological Communities were identified within a half mile radius of the site:

Esturine System:

- Tidal River

Riverine System:

- Rocky Headwater Stream

Terrestrial System:

- Forested Upland, Successional Northern Hardwoods

Terrestrial Cultural System:

- Mowed Lawn with Trees
- Railroad
- Active Construction

3.1 Esturine Systems

The Hudson River is tidal river that is downgradient from the site approximately 1,300 feet to the west. The river possesses both year-round resident fish species as well as anadromous species that use the river for spawning as adults and then return to the ocean. Their young use the river as a nursery before migrating to the ocean. Characteristic fish of the Hudson River include Atlantic tomcod (*Microgadus tomcod*), hogchoker (*Trinectes maculatus*), striped bass (*Marone saxatilis*), American shad (*Alosa sapidissima*), banded killish (*Fundulus diaphanous*),

bay anchovy (*Anchoa mitchilli*), pumpkinseed (*Lepomis gibbosus*), blueback herring (*Alosa aestivalis*), white perch (*Marone americana*) and alewife (*Alosa pseudoharengus*).

3.2 Riverine Systems

The unnamed tributary to the Hudson River located approximately 1,350 feet east of the site is best classified as a "Rocky headwater stream" although its functions have likely been severely degraded from the surrounding development, urban runoff and human alterations of its bed and banks. The banks of the stream, in the sections where it was accessible to EDP, have been replaced with retaining walls to stabilize the yards of adjacent land owners.

3.3 Terrestrial Systems

The typical terrestrial ecological system within the half-mile study area was "Successional northern hardwoods". The dominant trees found within this community included black walnut (*Juglans nigra*), American elm (*Ulmus americana*), boxelder (*Acer negundo*), Norway maple (*Acer negundo*), red oak (*Quercus rubra*), and eastern cottonwood (*Populus deltoids*).

Characteristic wildlife found within successional northern hardwood communities might include yellow-bellied sapsucker (*Sphyrapicus varius*), chestnut-sided warbler (*Dendroica pensylvanica*), Nashville warbler (*Vermivora ruficapilla*), eastern gray squirrel (*Sciurus carolinensis*), eastern chipmunk (*Tamius striatus*), red fox (*Vulpes fulva*), raccoon (*Procyon lotor*) and striped skunk (*Mephitis mephitis*).

3.4 Terrestrial Cultural Systems

Of the three terrestrial cultural systems within the study area, "Mowed lawn with trees" is the dominant ecological community. The site is located within a dense residential urban setting. Characteristic animals within these ecological communities in eastern grey squirrel, American robin (*Turdus migratorius*), mourning dove (*Zenaida macroura*) and mocking bird (*Mimus polyglottos*).

A railroad line and active construction site, both devoid of vegetation, are located between the site and Hudson River. Aside from the occasional transient individual, these areas do not likely attract much wildlife.

Photograph documentation of both the site and natural resources within a half mile of the site is included as **Attachment 4**. The photographs are keyed to a vegetation cover type map which is included as **Attachment 5**.

4.0 CONCLUSIONS

Despite the presence of significant natural communities in close proximity to the site, most notably the Hudson River Estuary, it is the professional opinion of EDP that there is no risk of contaminant migration to the resources. It does not appear that wildlife species occurring within the boundaries of the Hudson River, including the bald eagle, shortnose sturgeon and alewife floater, will be exposed to contaminants. Evidence of wildlife usage appears to be limited to the building's first floor which is above-grade and out of the zones for contaminated soils and groundwater. Additionally, based on the results of the RIR, it appears that the contamination is confined to the soils under the building and the adjacent sidewalk and paved areas and sampling data demonstrates that contaminant levels are either below NYS standards or non-detetct beyond the existing building limits and City right-of-way.

Although some evidence of wildlife usage of the building interior was present, it appears to be nesting and feeding related, using materials such as walnuts and vegetation debris brought in from off-site sources. The walnuts were likely brought into the building from the small patch of successional northern hardwoods adjacent to the Stewart's Store located near the site where black walnut was a dominant tree. All wildlife sign observed was above-grade on the building's first floor. No evidence of digging or burrowing within the exposed soil inside the building's basement or around the outside perimeter was observed. Although peregrine falcons and other birds may occur in the area, any rodents they might feed on would not be exposed to contaminants as they do not appear to be utilizing the contaminated area of the building. Lastly, no evidence of roosting bats was present within the building.

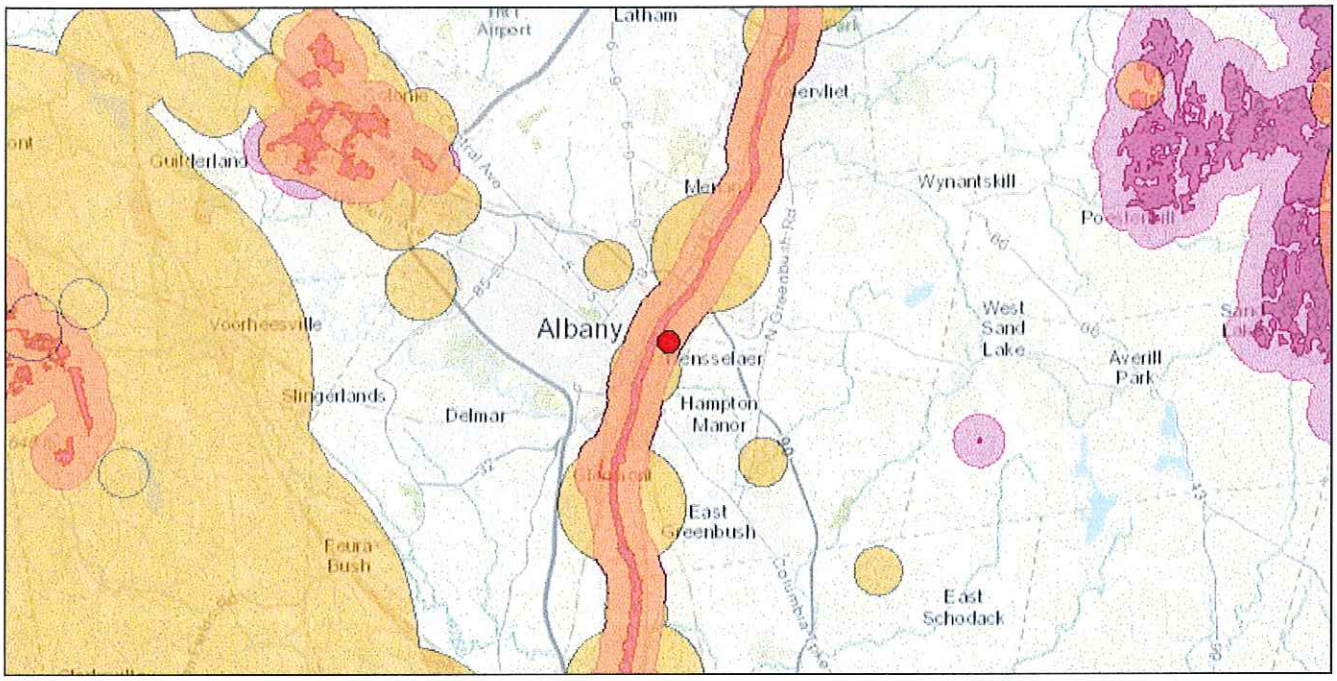
References:

Edinger, G.J., D.J. Evans, S.Gebauer, T.G. Howard, D.M. Hunt, and A.M. Olivero (editors). 2002. Ecological communities of New York State. Second Edition. A revised and expanded edition of Carol Reschke's Ecological Communities of New York State. (Draft Review). New York Natural Heritage Program, New York State Department of Environmental Conservation, Albany, NY. 136pp.

ATTACHMENT 1

Environmental Resource Mapper Significant Natural Communities Report

Environmental Resource Mapper



The coordinates of the point you clicked on are:

UTM 18	**Easting:**	603424.185	**Northing:**	4722553.125
Longitude/Latitude	**Longitude:**	-73.738	**Latitude:**	42.649

The approximate address of the point you clicked on is:
1000 Broadway, Rensselaer, New York, 12144

County: Rensselaer
City: Rensselaer
USGS Quad: TROY SOUTH

DEC Region

Region 4:
(Capital Region/Northern Catskills) Albany, Columbia, Delaware, Greene, Montgomery, Otsego, Rensselaer, Schenectady and Schoharie counties. For more information visit http://www.dec.ny.gov/about/611.html.

Old or Potential Records (Not displayed on the map)

Common Name: Delmarva Beggar-ticks
Scientific Name: Bidens bidentoides
Date Last Documented: 1945-10-11
Location: Albany Port
NYS Protected:

Common Name: Yellow Lampmussel
Scientific Name: Lampsilis cariosa
Date Last Documented: no date
Location: Hudson River Albany
NYS Protected: U

Common Name: Mock-pennyroyal
Scientific Name: Hedeoma hispida
Date Last Documented: 1950-06-24
Location: Albany Port
NYS Protected:

Common Name: Small's Knotweed
Scientific Name: Polygonum aviculare ssp. buxiforme
Date Last Documented: 1974-07-25
Location: Albany Port
NYS Protected:

Common Name: Troublesome Sedge
Scientific Name: Carex molesta
Date Last Documented: 1947-07-17
Location: Albany Port
NYS Protected:

Common Name: Hop Sedge
Scientific Name: Cyperus lupulinus ssp. lupulinus
Date Last Documented: 1950-07-31
Location: Albany Port
NYS Protected:

Waterbody Classifications for Rivers/Streams

Regulation: 863-709
Standard: C
Classification: C

Significant Natural Communities

Natural Community Name: Tidal river
Location: Hudson River Estuary
Ecological System: Tidal Wetlands (Estuary)

Natural Communities in the Vicinity

Natural Community Name: Tidal river
Location: Hudson River Estuary
Ecological System: Tidal Wetlands (Estuary)

Rare Plants and Rare Animals

This location is in the vicinity of one or more Rare Animals and/or Rare Plants

National Wetands Inventory

Attribute: PUBHh
Type: Freshwater Pond
Acres: 0.1389155285629885

Attribute: R1UBV
Type: Riverine
Acres: 25166.099832345633

Attribute: R3UBH
Type: Riverine
Acres: 8.883254093695814

For more information about the National Wetands Inventory wetlands visit http://www.fws.gov/wetlands/

If your project or action is within or near an area with a rare animal, a permit may be required if the species is listed as endangered or threatened and the department determines the action may be harmful to the species or its habitat.

If your project or action is within or near an area with rare plants and/or significant natural communities, the environmental impacts may need to be addressed.

The presence of a unique geological feature or landform near a project, unto itself, does not trigger a requirement for a NYS DEC permit. Readers are advised, however, that there is the chance that a unique feature may also show in another data layer (ie. a wetland) and thus be subject to permit jurisdiction.

Please refer to the "Need a Permit?" tab for permit information or other authorizations regarding these natural resources.

Disclaimer: If you are considering a project or action in, or near, a wetland or a stream, a NYS DEC permit may be required. The Environmental Resources Mapper does not show all natural resources which are regulated by NYS DEC, and for which permits from NYS DEC are required. For example, Regulated Tidal Wetlands, and Wild, Scenic, and Recreational Rivers, are currently not included on the maps.

ATTACHMENT 2

NYS Wild, Scenic & Recreational Rivers

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Wild, Scenic and Recreational Rivers

Wild Rivers

1. Cedar River: (a) Approximately seven miles from the southwest boundary of lot 82, Township 17, Totten and Crossfield's Purchase to the Hamilton County line; and
   (b) Approximately seven and three-tenths miles from the outlet of Cedar Lakes to a point where a road crosses the river approximately one and one-half miles upstream of Cedar River flow.
2. Cold River: Approximately fourteen miles from the Duck Hole to the confluence with the Raquette River and the entire three-mile length of Ouluska Pass Brook.
3. Hudson River: Approximately ten and one-half miles from the confluence of the Cedar River to the confluence with the Boreas River.
4. Indian River: Approximately thirteen miles from Brook Trout lake to the confluence with the South Branch of the Moose River.
5. Kunjamuk River: Approximately eight miles from the outlet of South Pond to a fish barrier dam near the southwest boundary of Lot 9, Township 31, Gorton Tract.
6. Opalescent River: Approximately eleven miles from Flowed Lands to the confluence with the Hudson River.
7. Oswegatchie River, Main Branch: Approximately eighteen and one-half miles from the Partlow Mill Dam to the southernmost boundary between private and state land at Inlet.
8. Oswegatchie River, Middle Branch: Approximately fourteen and one-half miles from the north boundary of Lot 27, Watson's East Triangle to a point one mile downstream of the confluence with Wolf Creek.
9. Piseco Outlet: Approximately four and one fifth miles from a point one-half mile east of the Route 10 bridge crossing to the confluence with the West Branch of the Sacandaga River.
10. Sacandaga River, East Branch: Approximately eleven and one-half miles from Botheration Pond to a point one-half mile above the confluence with Cook Brook.
11. Sacandaga River, West Branch: (a) Approximately seven miles from the confluence of the Piseco Lake outlet to the confluence with Dugway Creek;
    (b) Approximately nine miles from the source near Silver Lake Mountain to the Silver Lake wilderness boundary near Route 10; and
    (c) Approximately two and seven-tenths miles from the confluence with Cow Creek to the confluence with Piseco outlet.
12. West Canada Creek: Approximately eight miles from Mud Lake to the Old Mitchell dam site.
13. West Canada Creek, South Branch: Approximately five and nine-tenths miles from the headwaters near T-Lake Falls to a footbridge crossing located approximately one mile upstream of the Floe.

Scenic Rivers

1. Ampersand Brook: Approximately eight miles from Ampersand Pond to the confluence with the Raquette River.
2. Ausable River: Approximately nine miles from Marcy swamp to St. Hubert's.

3. Black River: Approximately seven and eight-tenths miles from the point where Farr Road crosses the river to the point where the river intersects the Adirondack Park boundary.
4. Blue Mountain Stream: Approximately nine miles from the outlet of Clear Pond to the confluence with Pleasant Lake stream.
5. Bog River: Approximately seven and three-tenths miles from the dam below Hitchens Pond to Big Tupper Lake.
6. Boreas River: Approximately eleven and one-half miles from Cheney Pond to the confluence with the Hudson River.
7. Bouquet River: (a) Approximately six miles of the North Fork from the headwaters on Dial Mountain to the bridge on Route 73; and
   (b) Approximately five and one-half miles of the South Fork from the headwaters to the bridge on Route 73.
8. Carmens River: (a) Approximately two and one-quarter miles from its headwaters at the north boundary of Cathedral Pines Park (formerly Camp Wilderness), Suffolk County, southerly to its intersection with the southern boundary of Camp Sobaco (Girl Scout Camp);
   (b) Approximately two and one-half miles from Yaphank Avenue, Suffolk County, southerly to the Concrete Wing Dam in Southhaven Park; and
   (c) Approximately two and one-half miles from the south side of Sunrise Highway, Suffolk County, southerly to the mouth of the river (a line between Long Point and Sandy Point) at its confluence with Great South Bay.
9. Cedar River: (a) Approximately five miles from the Hamilton County line to the confluence with the Hudson River; and
   (b) Approximately ten miles from a point where a road crosses the river one and one-half miles pstream of Cedar River flow to a point where a southerly extension of the northeast state land boundary of Lot 96, Township 33, Totten and Crossfield's Purchase, would intersect the river.
10. Deer River: Approximately six and two-tenths miles from the outlet of Deer River flow to a point where the river intersects the Adirondack Park boundary.
11. East Canada Creek: Approximately twenty and nine-tenths miles from Powley Place to a point at which the creek intersects the Adirondack Park boundary near Sprite Creek at the southwest corner of Lot 45, Town of Oppenheim, Lott and Low's Patent.
12. Genesee River: Within Letchworth State Park.
13. Grasse River, Middle Branch: Approximately fourteen and one-half miles from the confluence of Blue Mountain stream and Pleasant Lake stream to the confluence of the South Branch of the Grasse River.
14. Grasse River, North Branch: Approximately twentyfive and four-tenths miles from the outlet of Church Pond to a point where the North Branch intersects the Adirondack Park boundary.
15. Grasse River, South Branch: (a) Approximately thirtyfive and two-tenths miles from the outlet of Center Pond to the confluence with the outlet of Allen Pond; and
   (b) Approximately three and seven-tenths miles from the most southerly point where the South Branch of the Grasse River intersects the Adirondack Park boundary, north to the confluence with the Middle Branch of the Grasse River.
16. Hudson River: (a) Approximately nine miles from the hamlet of Newcomb to the confluence with the Cedar River; and
   (b) Approximately four miles from the confluence with the Boreas River to a point one mile north of the hamlet of North River.

17. Independence River: Approximately twentysix miles from the outlet of Little Independence Pond to the point where the Sperryville Bridge crosses the river.
18. Jordan River: Approximately eighteen miles from the outlet of Marsh Pond to Carry Falls Reservoir.
19. Kuniamuk River: Approximately ten and four-tenths miles from a fish barrier dam near the southwest boundary of Lot 9, Township 31, Gorton Tract, to the confluence with the Sacandaga River.
20. Lonq Pond Outlet: Approximately sixteen miles from the outlet of Long Pond to the confluence with the West Branch of the St. Regis River.
21. Marion River: Approximately five miles from the outlet of Utowana lake to Raquatte Lake.
22. Moose River, Main Branch: Approximately fifteen and four-fifths miles from the confluence of the South and Middle Branches of the Moose River to a point where the Main Branch intersects the Adirondack Park boundary.
23. Moose River, North Branch: Approximately six miles from the outlet of Big Moose Lake to the confluence with the outlet of Goose Pond.
24. Moose River, South Branch: (a) Approximately eighteen miles from the east boundary of the state land immediately west of Little Moose Lake to the west boundary of the state land near Rock Dam;
(b) Approximately six and one-half miles from the east boundary of the state land just north of Woodhull Mountain downstream to the state land boundary near the confluence with the middle branch of the Moose River; and
(c) Approximately fourteen and two-fifths miles from the west boundary of state land near Rock Dam to the east boundary of state land north of Woodhull Mountain.
25. Nissequoque River: Approximately one and four-tenths miles from the dam at the outlet of New Mill Pond to the pedestrian bridge south of Route 25/25A including its tributaries and ponds identified as P288 Phillips Millpond, P289 Willow Pond, P290 Upper Vail Pond, P291 Webster Pond, and P291a Lower Vail Pond (on a certain map titled "Official Classifications - Surface Waters of Western Suffolk County," published by the Water Resources Council and prepared by the New York Department of Health) in Suffolk County.
26. Osweqatchie River, Middle Branch: (a) Approximately nine miles from the outlet of Walker Lake to the north boundary of Lot 27, Watson's East Triangle; and
(b) Approximately fourteen and two-fifths miles from a point one mile downstream of the confluence with Wolf Creek to a point where the Middle Branch intersects the Adirondack Park boundary at the southeast boundary of Lot 993, Township of Diana, Macomb's Purchase, Great Tract 4.
27. Osweqatchie River, West Branch: Approximately seven miles from the outlet of Buck Pond to a point approximately one mile upstream of Round Pond at the point where a foot and snowmobile bridge crosses the West Branch.
28. Otter Brook: Approximately ten miles from the outlet of Lost Pond to the confluence with the South Branch of the Moose River.
29. Peconic River: (a) Approximately ten and one-half miles from the western boundary of the Red Maple swamp to the Long Island railroad bridge between Connecticut and Edwards Avenue; and
(b) Approximately three miles from Middle Country Road (State Route 25) to the confluence with the previously described segment of the Peconic including tributaries T112-5, T112-6 and T112-7.
30. Raquette River: (a) Approximately twenty miles from the outlet of Long Lake to the confluence with a small stream from the northeast, located approximately one mile downstream from Trombley Landing; and
(b) Approximately thirteen and eight-tenths miles from the confluence with Dead Creek to a point

where the river intersects the north boundary of Lot 1, Township 5, Tannery Lot near Carry Falls Reservoir.

31. Red River: Approximately nine and seven-tenths miles from the headwaters of the river to the confluence with the South Branch of the Moose River.
32. Rock River: Approximately six and nine-tenths miles from the O'Neil flow road crossing to the confluence with the Cedar River.
33. Round Lake Outlet: Approximately two and seven-tenths miles from the outlet of Round Lake to the confluence with the Bog River.
34. St. Reqis River, East Branch: Approximately fourteen and one-half miles from a point where Route 30 crosses the East Branch near Meacham Lake, to a point one-half mile upstream from Everton Falls.
35. St. Reqis River, Main Branch: Approximately fifteen and five-tenths miles from a point where a private road to Bay Pond crosses the Main Branch in Lot 16, Township 17, Macomb's Purchase, Great Tract 1, to the confluence with Balsam Brook.
36. St, Reqis River, West Branch: Approximately thirtyfive miles from the outlet of Little Fish Pond to a point one-half mile downstream from the confluence with Fenner Meadow Brook.
37. West Canada Creek: Approximately seventeen miles from a point where the creek intersects that state land boundary approximately two miles upstream of the Old Mitchell Dam site, to the Route 8 bridge crossing near Nobleboro.
38. West Stoney Creek: Approximately seven and seven-tenths miles from the Tannery Road crossing to the confluence with Hatch Brook.

Receational Rivers

1. Ausable River, East Branch: Approximately twenty-eight and three-tenths miles from St. Huberts to the confluence with the West Branch.
2. Ausable River, Main Branch: Approximately twenty-two miles from the confluence of the East and West Branches of the Ausable River to Lake Champlain.
3. Ausable River, West Branch: (a) Approximately five miles from the state boundary along the River Road east of Big Cherry Patch Pond downstream to the state boundary immediately west of High Falls; and
   (b) Approximately twenty-nine and one-half miles from the headwaters of the West Branch near Heart Lake to the confluence with the East Branch.
4. Black River: Approximately six and three-fifths miles from the outlet of North Lake to a point where Farr Road crosses the river.
5. Bouquet River: Approximately forty-seven and seven-tenths miles from the confluence with the North Fork of the Bouquet River to Lake Champlain.
6. Carmens River: (a) Approximately two miles from its intersection with the southern boundary of Camp Sobaco (Girl Scout Camp), southerly to Yaphank Avenue, Suffolk County; and
   (b) Approximately one mile southerly from the Concrete Wing Dam in Southhaven Park, Suffolk County, to Sunrise highway.
7. Cedar River: Approximately eleven miles from a point at which a southerly extension of the northeast state land boundary parallel to the southwest boundary of Lot 96, Township 33, Totten and Crossfield's Purchase would intersect the river to the southwest boundary of Lot 82, Township 17, Totten and Crossfield's Purchase.

8. Connetquot River: Approximately five and three-fourths miles from Johnson Avenue, Suffolk County, south to the Sunrise highway.
9. Fall Creek: Approximately 1.8 miles from the southern boundary of Cayuga Lake to the west face of the foot bridge running across Fall Creek, which foot bridge is located between Thurston Avenue on the west and Beebe Lake on the east (in the City of Ithaca, Tompkins County).
10. Grasse River, South Branch: Approximately five and one-fifth miles from the confluence with the outlet of Allen Pond to the most southerly point where the South Branch intersects the Adirondack Park boundary.
11. Hudson River: (a) Approximately twelve and seven-tenths miles from the confluence with the Opalescent River to a point where Route 28N crosses the Hudson Riverat Newcomb;
(b) Approximately forty-five and nine-tenths miles from a point one mile north of North River to the confluence with the Sacandaga River.
12. Independence River: Approximately one-half mile from a point where the Sperryville bridge crosses the river to a point where the river intersects the Adirondack Park boundary.
13. Indian River: Approximately eight and three-tenths miles from the outlet of Indian Lake to the confluence with the Hudson River.
14. Moose River, Middle Branch: Approximately thirteen and four-tenths miles from the confluence with the North Branch of the Moose River to the confluence with the South Branch of the Moose River.
15. Moose River, North Branch: Approximately thirteen miles from the confluence with the outlet of Goose Pond to the confluence with the Middle Branch of the Moose River.
16. Nissequogue River: (a) Approximately one and four-tenths miles from State Route 347 to the dam at the outlet of New Mill Pond including its tributaries identified as P292-1 to Brooksite Drive and two unnamed tributaries P292-2 and P292-3; and
(b) Approximately five miles from the pedestrian walkway and dam at the outlet of Phillips Millpond to its confluence with Long Island Sound including its tributaries and ponds connected therewith [specifically described as T-62 on a certain map entitled "Official Classifications - Surface Waters of Western Suffolk County," prepared by the New York State Department of Health and published by the Water Resources Council].
17. Oswegatchie River, Main Branch: Approximately two and three-tenths miles from the southernmost boundary between private and state land at Inlet to Wanakena.
18. Oswegatchie River, West Branch: Approximately six and one-tenth miles from a point approximately one mile upstream of Round Pond at the point where a foot and snowmobile bridge crosses the West Branch to a point where the river intersects the Adirondack Park boundary.
19. Peconic River: (a) Approximately five and one-half miles from the Long Island railroad bridge between Connecticut and Edwards Avenue to Grangabel Park dam in Riverhead;
(b) Approximately two miles of the Little River (tributary TI12-2) from and including Wildwood Lake to its confluence with the Peconic River.
20. Ramapo River: Approximately three and one-half miles from the Orange County line to the site of an abandoned power dam in the hamlet of Ramapo.
21. Raquette River: (a) Approximately twenty-two miles from the outlet of Raquette Lake to the outlet of Long Lake; and
(b) Approximately seventeen miles from the confluence of the Raquette River and a small stream from the northeast, at a point approximately one mile downstream from Trombley Landing to the confluence with Dead Creek.

22. Rock River: Approximately one and one-fifth miles from the outlet of Lake Durant to the O'Neil flow road crossing.
23. St. Regis River, East Branch: Approximately six and one-tenth miles from a point one-half mile upstream of Everton Falls to the confluence with the Main Branch of the St. Regis River.
24. St. Regis River, Main Branch: (a) Approximately seven miles from the St. Regis Church to a point where a private road to Bay Pond crosses the Main Branch in Lot 16, Township 17, Macomb's Purchase, Great Tract 1; and
    (b) Approximately eighteen miles from the confluence with Balsam Brook to a point at which the river intersects the Adirondack Park boundary.
25. St. Regis River, West Branch: Approximately five and one-half miles from a point one-half mile downstream of the confluence with Fenner Meadow Brook to a point where the West Branch intersects the Adirondack Park boundary.
26. Sacandaga River, East Branch: Approximately fourteen miles from a point approximately one-half mile above Cook Brook to the confluence with the Main Branch of the Sacandaga River.
27. Sacandaga River, Main Branch: Approximately thirty-one miles from the outlet of Lake Pleasant to the inlet of Great Sacandaga Lake.
28. Sacandaga River, West Branch: (a) Approximately ten and three-fifths miles from the Silver Lake wilderness boundary near the most upstream Route 10 bridge crossing to the confluence with Cow Creek; and
    (b) Approximately seven and two-tenths miles from the confluence of Dugway Creek to the confluence with the Main Branch of the Sacandaga River.
29. Salmon River: Approximately twelve and three-tenths miles from the outlet of Elbow Ponds to the point where the river intersects the Adirondack Park Boundary.
30. Saranac River, Main Branch: Approximately sixty and two-fifths miles from the outlet of Upper Saranac Lake to the point where the river intersects the Adirondack Park boundary.
31. Schroon River: Approximately sixty-six and seven-tenths miles from the outlet of the former Dead Water Pond to the confluence with the Hudson River.
32. Shawangunk Kill River: From the border of Ulster and Orange Counties to its confluence with the Wallkill River.
33. West Canada Creek: Approximately eleven miles from the Route 8 bridge crossing near Nobleboro to the Harvey Road bridge crossing.
34. West Canada Creek, South Branch: Approximately nine and seven-tenths miles from the footbridge crossing one mile upstream of the Floe to the confluence with the Main Branch of the West Canada Creek.
35. West Stony Creek: (a) Approximately six miles from the Persch Road crossing (to Tannery Road Crossing); and
    (b) Approximately two and seven-tenths miles from the confluence with Hatch Brook to the confluence with the Main Branch of the Sacandaga River.

ATTACHMENT 3

NYSDOS Coastal Fish & Wildlife Rating Forms

COASTAL FISH AND WILDLIFE RATING FORM

Name of area: **Normans Kill**
Designated: **November 15, 1987**
Date Revised: **August 15, 2012**
County: **Albany**
Town(s): **Bethlehem, Albany**
7 1/2, Quadrangles: **Albany, NY; Delmar, NY**

Assessment Criteria	**Score**
Ecosystem Rarity (ER) -- the uniqueness of the plant and animal community in the area and the physical, structural and chemical features supporting this community.	
ER Assessment -- One of the major freshwater tributaries of the upper Hudson River, which is accessible to anadromous fishes, and contains freshwater tidal wetland areas.	**16**
Species Vulnerability (SV) – the degree of vulnerability throughout its range in New York State of a species residing in the ecosystem or utilizing the ecosystem for its survival.	
SV Assessment – No endangered, threatened or special concern species have been found in the area.	**0**
Human Use (HU) -- the conduct of significant, demonstrable commercial, recreational, or educational wildlife-related human use, either consumptive or non-consumptive, in the area or directly dependent upon the area.	
HU Assessment -- Recreational fishing opportunities attract many Albany County anglers to the area.	**4**
Population Level (PL) – the concentration of a species in the area during its normal, recurring period of occurrence, regardless of the length of that period of occurrence.	
PL Assessment -- Significant spawning habitat for migratory fishes in the upper Hudson River. Geometric mean: $\sqrt{4} \times \sqrt{9} = 6$	**6**
Replaceability (R) – ability to replace the area, either on or off site, with an equivalent replacement for the same fish and wildlife and uses of those same fish and wildlife, for the same users of those fish and wildlife.	
R Assessment – Irreplaceable	**1.2**
Habitat Index(ER+SV+HU+PL)= 26	**Significance (HI x R)= 31.2**

LOCATION AND DESCRIPTION OF HABITAT

The Normans Kill is located on the west side of the Hudson River, on the boundary between the City of Albany and the Town of Bethlehem, Albany County (7.5' Quadrangles: Albany, N.Y.; and Delmar, N.Y.).

The fish and wildlife habitat is an approximate two-mile segment of this freshwater tributary, extending from its mouth on the Hudson River to a falls which is located just downstream from the New York State Thruway (Interstate Route 87) bridge. The Normans Kill is a relatively large, medium gradient, perennial, warmwater stream, with a drainage area of over 170 square miles, and an average annual discharge volume of approximately 150 cubic feet per second. The first mile of stream below the falls flows through a steep-sided wooded gorge, and is relatively shallow, with a gravelly substrate. The lower mile of the creek (referred to as "Island Creek") is within the tidal range of the Hudson River, and is relatively deep, with a silt and clay substrate. At least part of this segment was channelized in the past and its mouth relocated south in conjunction with nearby commercial and industrial developments. Despite its proximity to the Port of Albany, the Normans Kill and its associated riparian zone remain in a relatively natural condition.

Several wetland areas are found along the creek in addition to a floodplain forest in the southeast portion of the habitat. Submerged aquatic vegetation beds, mainly water celery (*Vallisneria americana*), are found around the mouth of the creek.

Habitat disturbance in the area can be attributed to the presence of road and railroad crossings, litter, discharges of stormwater runoff from paved areas, and stream channel alterations.

FISH AND WILDLIFE VALUES

The Normans Kill is the largest tributary stream in Albany County, and is one of about 4 major tributaries emptying into the northern portion of the Hudson River estuary. The length of stream channel accessible to migratory fishes and the lack of significant human disturbance in the upper portion of the creek provide favorable habitat conditions in the Normans Kill for a variety of coastal migratory as well as resident freshwater fish species. The Normans Kill is an important spawning area for a number of fishes: alewife (*Alosa pseudoharengus*), blueback herring (*Alosa aestivalis*) and white perch (*Morone americana*). Generally, these species enter the stream between April and June; the adults leave the area shortly after spawning, and within several weeks, the eggs have hatched, and larval fish begin moving downstream to nursery areas in the Hudson River. A substantial population of smallmouth bass (*Micropterus dolomieui*) also occurs in the Normans Kill throughout the year. Adults move into the upper section of the creek in May and early June to spawn, and return to deeper areas as water temperatures rise. American eels also make use of this creek. The submerged aquatic vegetation provides food and refuge for fish and invertebrates.

Freshwater inflows from the Normans Kill are also important for maintaining water quality in the Hudson River estuary. The freshwater wetlands within this area contribute to primary productivity and improved quality of water that flows into the Hudson River.

The abundant fisheries resources of the Normans Kill provide significant opportunities for recreational fishing. Although no developed public access facilities exist, the area is popular among Albany County anglers, especially for smallmouth bass fishing during the summer months. Fishing pressure is concentrated on the lower section of the creek, near road crossings.

IMPACT ASSESSMENT

Any activities that would degrade water quality, increase turbidity, increase sedimentation, or alter flows, temperature, or water depths in the Normans Kill or its tributaries would result in significant impairment of the habitat. Discharges or runoff of sewage effluent and hazardous materials, water withdrawals, and the creation of impoundments would result in significant impairment of the habitat. Discharges of stormwater runoff, pesticides and other effluents could result in significant impairment of the habitat. Of particular concern are the potential effects of upstream disturbances, including water withdrawals, impoundments, streambed disturbances, and effluent discharges.

Substantial alteration of the stream channel, such as impoundments or creation of barriers to fish passage should be prohibited. Impediments to movement and migration of aquatic species, whether physical or chemical (e.g., dams, dikes, channelization, bulkheading, filling), should be prohibited. Plans to reduce or eliminate the impacts of existing hydrological modifications should be developed, including improvements to fish passage, and/or the removal of obstructions or barriers. Enhancement efforts should be monitored, and the associated habitat effects should be reported and evaluated. Habitat disturbances would be most detrimental during bird nesting, and fish spawning and nursery periods, which generally extend from March through August for most species.

Elimination or disturbance of adjacent wetland and forested habitats would adversely affect the habitat. Such areas should be protected to maintain bank cover, soil stabilization, and buffer areas. Where possible such areas should be restored in order to maintain and/or improve water quality.

Where opportunities exist, appropriate restoration of intertidal and subtidal shallow habitats should be undertaken using the best available science and proper monitoring protocols.

HABITAT IMPAIRMENT TEST

A **habitat impairment test** must be met for any activity that is subject to consistency review under Federal and State laws, or under applicable local laws contained in an approved local waterfront revitalization program. If the proposed action is subject to consistency review, then the habitat protection policy applies, whether the proposed action is to occur within or outside the designated area.

The specific **habitat impairment test** that must be met is as follows.

> In order to protect and preserve a significant habitat, land and water uses or development shall not be undertaken if such actions would:
>
> - destroy the habitat; or,
>
> - significantly impair the viability of a habitat.

Habitat destruction is defined as the loss of fish or wildlife use through direct physical alteration, disturbance, or pollution of a designated area or through the indirect effects of these actions on a designated area. Habitat destruction may be indicated by changes in vegetation, substrate, or hydrology, or increases in runoff, erosion, sedimentation, or pollutants.

Significant impairment is defined as reduction in vital resources (e.g., food, shelter, living space) or change in environmental conditions (e.g., temperature, substrate, salinity) beyond the tolerance range of

an organism. Indicators of a significantly impaired habitat focus on ecological alterations and may include but are not limited to reduced carrying capacity, changes in community structure (food chain relationships, species diversity), reduced productivity and/or increased incidence of disease and mortality.

The *tolerance range* of an organism is not defined as the physiological range of conditions beyond which a species will not survive at all, but as the ecological range of conditions that supports the species population or has the potential to support a restored population, where practical. Either the loss of individuals through an increase in emigration or an increase in death rate indicates that the tolerance range of an organism has been exceeded. An abrupt increase in death rate may occur as an environmental factor falls beyond a tolerance limit (a range has both upper and lower limits). Many environmental factors, however, do not have a sharply defined tolerance limit, but produce increasing emigration or death rates with increasing departure from conditions that are optimal for the species.

The range of parameters which should be considered in appplying the habitat impairment test include but are not limited to the following:

1. physical parameters such as living space, circulation, flushing rates, tidal amplitude, turbidity, water temperature, depth (including loss of littoral zone), morphology, substrate type, vegetation, structure, erosion and sedimentation rates;
2. biological parameters such as community structure, food chain relationships, species diversity, predator/prey relationships, population size, mortality rates, reproductive rates, meristic features, behavioral patterns and migratory patterns; and,
3. chemical parameters such as dissolved oxygen, carbon dioxide, acidity, dissolved solids, nutrients, organics, salinity, and pollutants (heavy metals, toxics and hazardous materials).

KNOWLEDGABLE CONTACTS

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New York Natural Heritage Program
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Albany, NY 12233-4757
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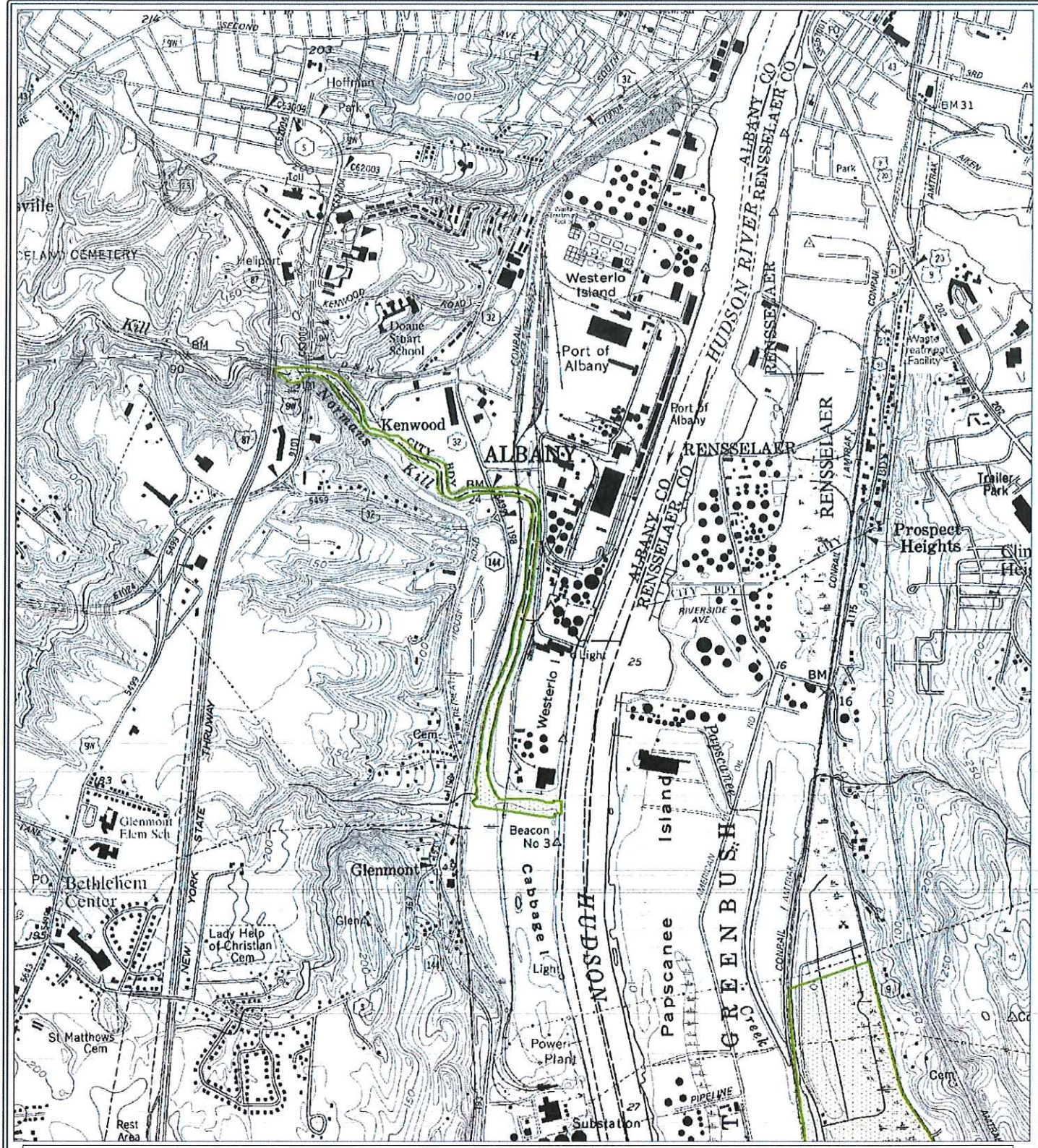

Significant Coastal Fish and Wildlife Habitats

COASTAL FISH AND WILDLIFE RATING FORM

Name of area: **Papscanee Marsh and Creek**
Designated: **November 15, 1987**
Date Revised: **August 15, 2012**
County: **Rensselaer**
Town(s): **East Greenbush, Schodack**
7.5' Quadrangles: **Delmar, East Greenbush**

Assessment Criteria	Score
Ecosystem Rarity (ER) -- the uniqueness of the plant and animal community in the area and the physical, structural and chemical features supporting this community.	
ER Assessment – One of the major freshwater tidal wetland and tributary systems in the upper Hudson River subzone, but rarity is reduced by human disturbance. Geometric Mean: $\sqrt{9} \times \sqrt{16} = 12$	**12**
Species Vulnerability (SV) – the degree of vulnerability throughout its range in New York State of a species residing in the ecosystem or utilizing the ecosystem for its survival.	
SV Assessment – Bald eagle (T), least bittern (T), American bittern (SC) Additive Division: $25 + 25/2 + 16/4 = 41.5$	**41.5**
Human Use (HU) -- the conduct of significant, demonstrable commercial, recreational, or educational wildlife-related human use, either consumptive or non-consumptive, in the area or directly dependent upon the area.	
HU Assessment – The marsh provides a variety of fish and wildlife related recreational uses for residents of the Capital District including fishing, waterfowl hunting, trapping and bird watching. Geometric Mean: $\sqrt{4} \times \sqrt{9} = 6$	**6**
Population Level (PL) – the concentration of a species in the area during its normal, recurring period of occurrence, regardless of the length of that period of occurrence.	
PL Assessment – Concentrations of various protected migratory and nesting birds and coastal migratory fish species uncommon in the ecological subzone. Geometric mean: $\sqrt{4} \times \sqrt{9} = 6$	**6**
Replaceability (R) – ability to replace the area, either on or off site, with an equivalent replacement for the same fish and wildlife and uses of those same fish and wildlife, for the same users of those fish and wildlife.	
R Assessment – Irreplaceable	**1.2**
Habitat Index(ER+SV+HU+PL)= 65.5	**Significance (HI x R)= 78.6**

LOCATION AND DESCRIPTION OF HABITAT

Papscanee Marsh and Creek is located on the east side of the Hudson River, beginning just south of the City of Rensselaer and extending south along the west side of N.Y.S. Route 9J for approximately four miles. The fish and wildlife habitat is located in the Towns of East Greenbush and Schodack, Rensselaer County (7.5' Quadrangles: Delmar, N.Y.; and East Greenbush, N.Y.).

The Papscanee Marsh and Creek habitat, encompassing approximately 700 acres, is primarily a floodplain wetland area, encompassing a large tidal creek, emergent marshes, freshwater tributaries, old fields, submerged aquatic vegetation, mainly water celery (*Vallisneria americana*), and young woodlands. The habitat also includes a one-mile segment of the Moordener Kill, which is a medium gradient, warm water stream, with a gravelly substrate and a drainage area of approximately 33 square miles.

Papscanee Marsh and Creek have been subject to considerable human disturbance as a result of navigation channel construction, agricultural use, nearby commercial and industrial developments, stream channel alterations, and the intrusion of invasive species including common reed (*Phragmites australis*), purple loosestrife (*Lythrum salicaria*) and water chestnut (*Trapa* natans).

FISH AND WILDLIFE VALUES

Papscanee Creek and its tributaries, especially the Moordener Kill, are important spawning and nursery areas for a variety of coastal migratory fish species such as blueback herring (*Alosa aestivalis*), alewife (*Alosa pseudoharengus*), American eel (*Anguilla rostrata*), and American shad (*Alosa sapidissima*). In addition, the habitat is an important producer of forage fish (killifish, shiners) that are consumed by larger predatory fish species. Many resident estuarine and freshwater fish species are also found here, including white perch (*Morone americana*), white catfish (*Ameiurus catus*), largemouth bass (*Micropterus salmoides*), and smallmouth bass (*Micropterus dolomieui*). The submerged aquatic vegetation located within the habitat provides food for fish, invertebrates and waterfowl as well as refuge for fish and invertebrates.

Papscanee Marsh is an important resting and feeding area for migratory waterfowl such as American black duck (*Anas rubripes*), mallard (*Anas platyrhynchos*), wood duck (*Aix sponsa*), and Northern pintail (*Anas acuta*), and is used by limited numbers of waterfowl for nesting. Probable or confirmed breeding bird species in the area include little blue heron (*Egretta caerulea*), green-backed heron (*Butorides virescens*), bald eagle (*Haliaeetus leucocephalus*)(T), northern harrier (*Circus cyaneus*) (T), sharp-shinned hawk (*Accipiter striatus*)(SC), osprey (*Pandion haliaetus*)(SC), least bittern (*Ixobrychus exilis*)(T), king rail (*Rallus elegans*) (T), American bittern (*Botaurus lentiginosus*)(SC), red-headed woodpecker (*Melanerpes erythrocephalus*) (SC), Canada goose (*Branta canadensis*), mallard (*A. platyrhynchos*), wood duck (*A. sponsa*), Virginia rail (*Rallus limicola*), common moorhen(*Gallinula chloropus*), common snipe (*Gallinago gallinago*), spotted sandpiper (*Actitis macularia*), belted kingfisher (*Ceryle alcyon*), marsh wren (*Cistothorus palustris*), swamp sparrow (*Melospiza georgiana*) and many protected passerines.

Papscanee Marsh and Creek, as well as Moordener Kill, provide recreational and educational opportunities to residents from throughout the Capital District, including Albany, Rensselaer, and Columbia Counties. Waterfowl, hunting, trapping, fishing, and bird watching are all significant recreational uses. However, human use of the area is limited somewhat by the lack of public access facilities.

IMPACT ASSESSMENT

Any activity that would substantially degrade water quality, increase turbidity or temperature, or alter water depths in the littoral zones, wetlands, and streams making up this habitat would result in significant impairment of the habitat. Discharges of stormwater runoff or wastewater containing sediments or chemical pollutants (including fertilizers, herbicides, or insecticides) may result in adverse impacts on the habitat area.

Any physical alteration of the habitat, through dredging, filling, or bulkheading, could result in a direct loss of valuable habitat area and would eliminate productive shallow areas. Elimination of wetlands, through filling or drainage, would result in a direct loss of valuable habitat area. Construction of shoreline structures, such as docks, piers, bulkheads, or revetments, in areas not previously altered by human activity, would result in the loss of productive areas which support the fish and wildlife resources of Papscanee Creek. Construction of structures in areas previously altered may result in a direct loss of valuable habitat. However, alterations in association with habitat restoration, including the re-establishment of secondary channels, may improve habitat conditions.

Substantial alteration of the stream channel, such as impoundments or creation of barriers to fish passage should be prohibited. Impediments to movement and migration of aquatic species and vegetated aquatic communities, whether physical or chemical (e.g., dams, dikes, channelization, bulkheading, filling), should be prohibited. Where appropriate, hydrological modifications (e.g., dams, dikes, channelization, bulkheading, and filling) should be reduced in scale or removed, including the removal of obstructions to fish passage. Habitat disturbances would be most detrimental during bird nesting, and fish spawning and nursery periods, which generally extend from March through August for most species.

Existing areas of natural vegetation bordering aquatic and wetland areas should be maintained and where possible restored to provide bank cover, soil stabilization, maintain or improve water quality and provide buffer areas from development.

The presence of invasive species and the expansion of their ranges within the marsh may result in changes in native plant, vertebrate and invertebrate species composition and abundance. Effective control of invasive plant species, through a variety of means, may improve fish and wildlife species use of the area. Application of herbicides or insecticides along or within the marsh may result in adverse impacts on various fish and wildlife species and should be avoided. However, limited and monitored application of herbicides or pesticides to control invasive species may be beneficial in maintaining habitat for native fish and wildlife species.

Where opportunities exist, appropriate restoration of intertidal and subtidal shallow habitats should be undertaken using the best available science and proper monitoring protocols, in particular, restoration of shallow intertidal secondary channel that formally divided Campbell Island and Papscannee Island; and breach of the Cow Island Dike at the mouth of Papscanee Island. Restoration and enhancement efforts should be monitored, and the associated habitat effects should be reported and evaluated.

Agricultural activities have resulted in habitat losses due to filling or drainage, but could be managed to maintain or enhance certain wildlife species. Development of additional public access to the area may be desirable to allow compatible human uses of the fisheries resources. Human use of the area should be conducted in a manner to avoid impacts.

HABITAT IMPAIRMENT TEST

A **habitat impairment test** must be met for any activity that is subject to consistency review under Federal and State laws, or under applicable local laws contained in an approved local waterfront revitalization program. If the proposed action is subject to consistency review, then the habitat protection policy applies, whether the proposed action is to occur within or outside the designated area.

The specific **habitat impairment test** that must be met is as follows.

> In order to protect and preserve a significant habitat, land and water uses or development shall not be undertaken if such actions would:
>
> - destroy the habitat; or,
>
> - significantly impair the viability of a habitat.

Habitat destruction is defined as the loss of fish or wildlife use through direct physical alteration, disturbance, or pollution of a designated area or through the indirect effects of these actions on a designated area. Habitat destruction may be indicated by changes in vegetation, substrate, or hydrology, or increases in runoff, erosion, sedimentation, or pollutants.

Significant impairment is defined as reduction in vital resources (e.g., food, shelter, living space) or change in environmental conditions (e.g., temperature, substrate, salinity) beyond the tolerance range of an organism. Indicators of a significantly impaired habitat focus on ecological alterations and may include but are not limited to reduced carrying capacity, changes in community structure (food chain relationships, species diversity), reduced productivity and/or increased incidence of disease and mortality.

The *tolerance range* of an organism is not defined as the physiological range of conditions beyond which a species will not survive at all, but as the ecological range of conditions that supports the species population or has the potential to support a restored population, where practical. Either the loss of individuals through an increase in emigration or an increase in death rate indicates that the tolerance range of an organism has been exceeded. An abrupt increase in death rate may occur as an environmental factor falls beyond a tolerance limit (a range has both upper and lower limits). Many environmental factors, however, do not have a sharply defined tolerance limit, but produce increasing emigration or death rates with increasing departure from conditions that are optimal for the species.

The range of parameters which should be considered in appplying the habitat impairment test include but are not limited to the following:

1. physical parameters such as living space, circulation, flushing rates, tidal amplitude, turbidity, water temperature, depth (including loss of littoral zone), morphology, substrate type, vegetation, structure, erosion and sedimentation rates;
2. biological parameters such as community structure, food chain relationships, species diversity, predator/prey relationships, population size, mortality rates, reproductive rates, meristic features, behavioral patterns and migratory patterns; and,
3. chemical parameters such as dissolved oxygen, carbon dioxide, acidity, dissolved solids, nutrients, organics, salinity, and pollutants (heavy metals, toxics and hazardous materials).

KNOWLEDGABLE CONTACTS

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New Paltz, NY 12561
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New York Natural Heritage Program
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Albany, NY 12233-4757
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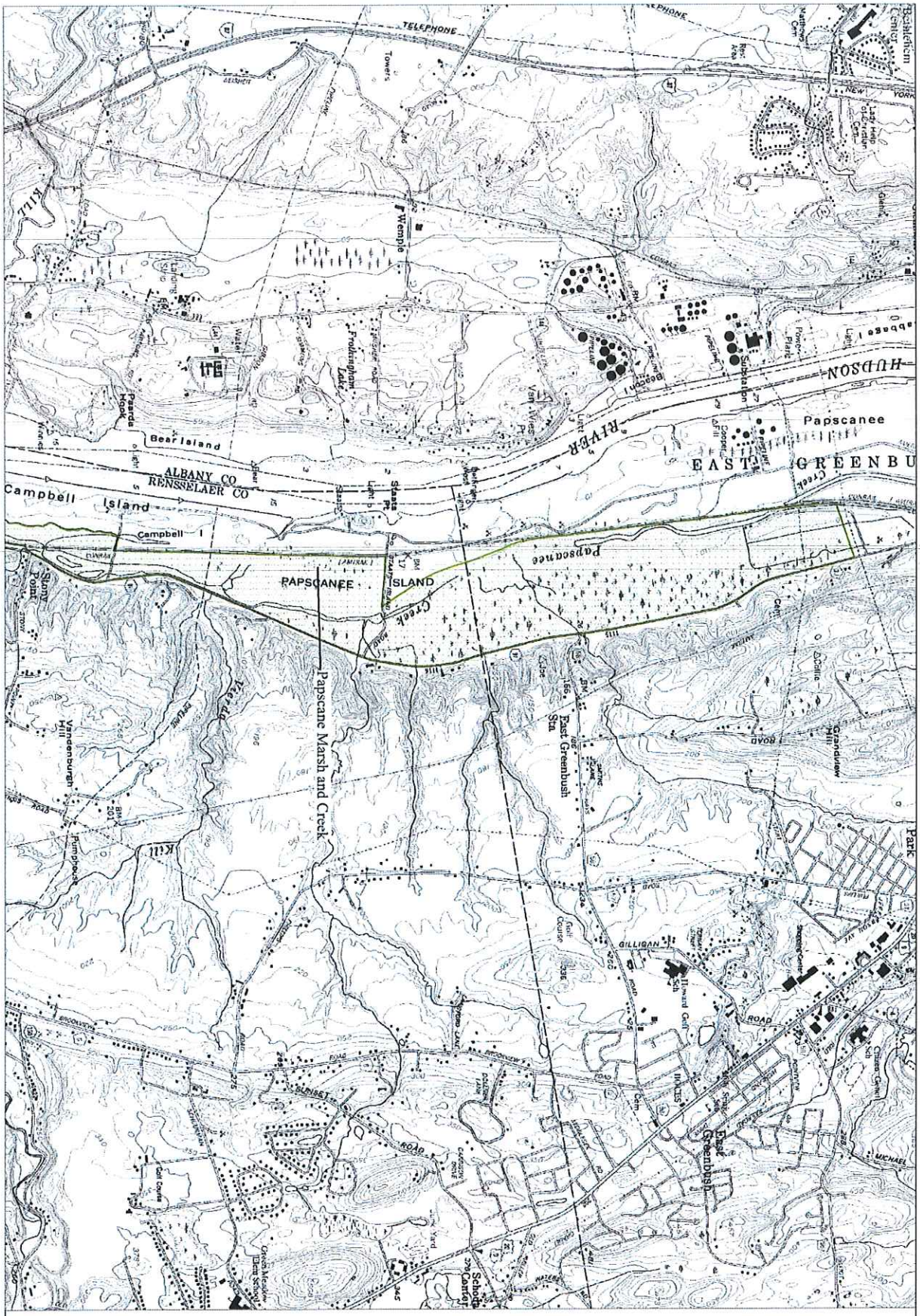


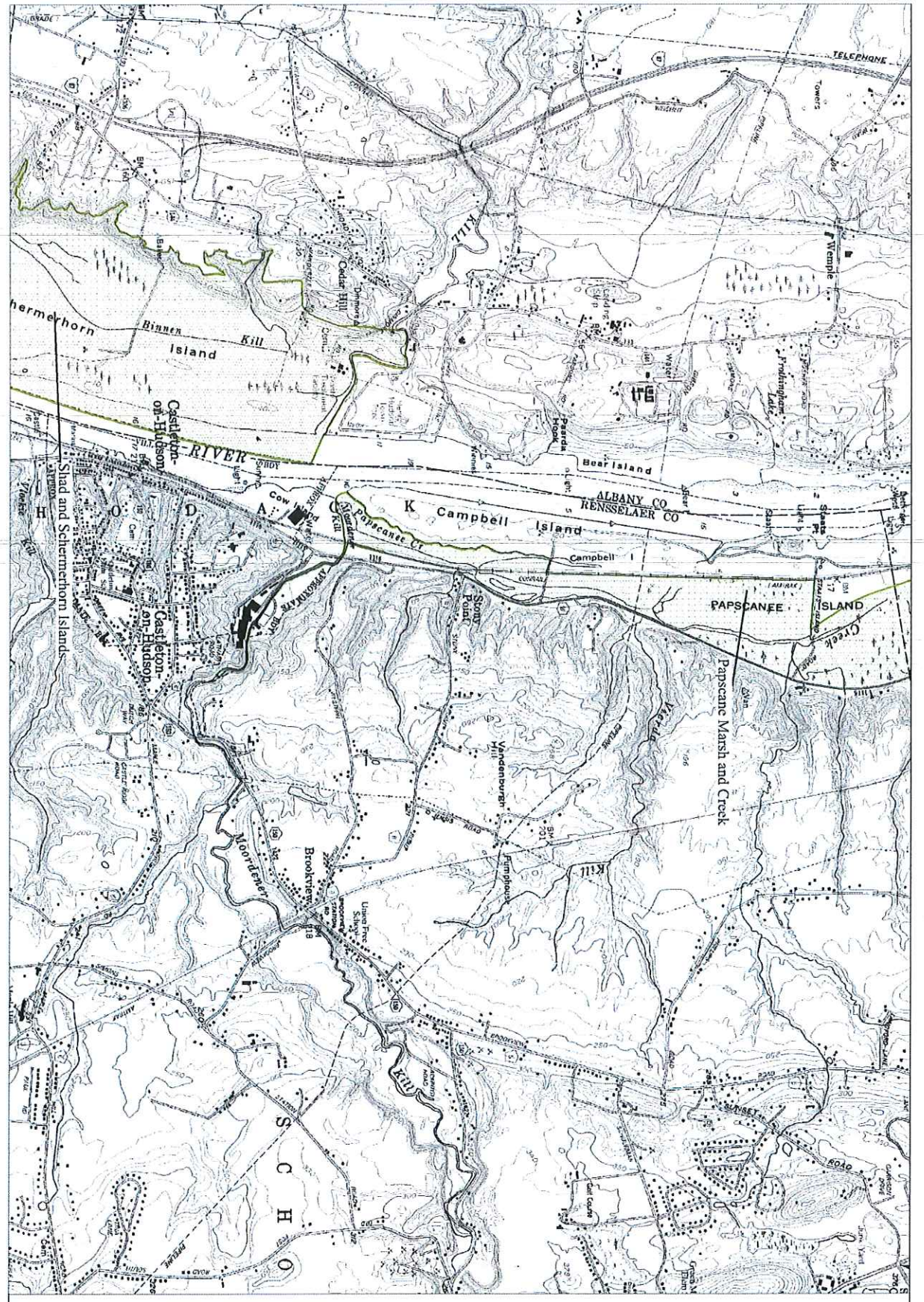
Significant Coastal Fish and Wildlife Habitats

Papscane Marsh & Creek (In Part) part 1 of 2

NEW YORK STATE DEPARTMENT OF STATE

0 2000 feet

N



Significant Coastal Fish and Wildlife Habitats

Papscane Marsh & Creek (In Part) part 2 of 2
Schad and Schermerhorn Islands (In Part)

NEW YORK STATE DEPARTMENT OF STATE

0 2000 feet

N

ATTACHMENT 4

Photograph Documentation

October 20, 2016

Fish & Wildlife Impact Analysis
Photograph Documentation
800 Broadway
Rensselaer, New York
October 20, 2016

Photo 1 **Ecological Communities – 0.5 Mile Radius**

Looking west at small patch of Successional Northern Hardwood patch across Partition Street from the subject building.

Fish & Wildlife Impact Analysis
Photograph Documentation
800 Broadway
Rensselaer, New York
October 20, 2016

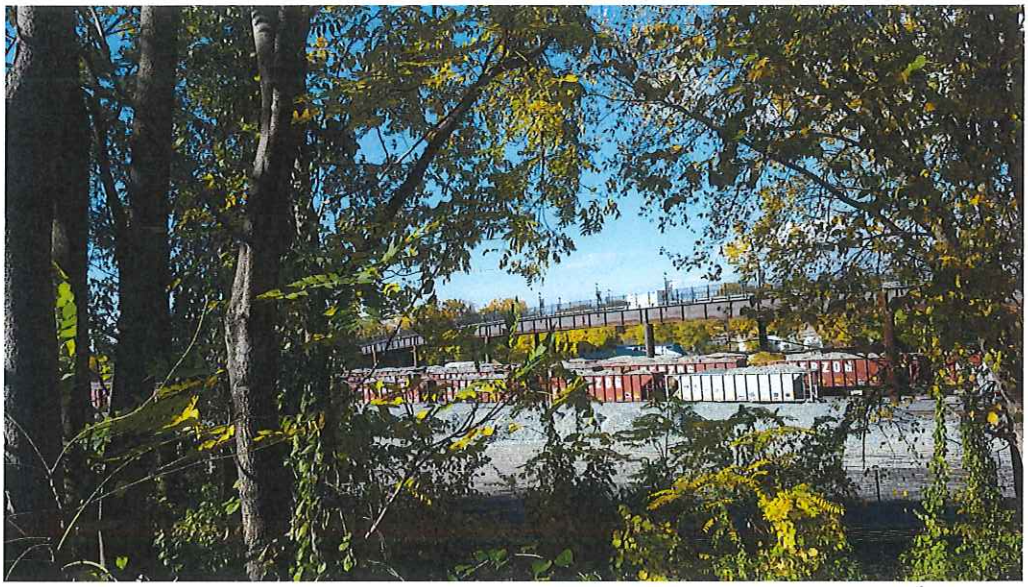


Photo 2 **Ecological Communities – 0.5 Mile Radius**

Looking southwest at small patch of Successional Northern Hardwood patch across Partition Street from the subject building.

Photo 3 **Ecological Communities – 2 Mile Radius**

Looking west and downstream at Mill Creek where it crosses under South Street.

Photo 4 **Ecological Communities – 2 Mile Radius**

Looking east and upstream at Mill Creek before it crosses under South Street.

Photo 5 **Ecological Communities – 2 Mile Radius**

Looking west at Mill Creek where it crosses under main railroad line adjacent to 2nd Avenue.

Photo 6 **Ecological Communities – 2 Mile Radius**

Looking south at Mill Creek where it crosses under main railroad line adjacent to 2nd Avenue.

Photo 7 **Ecological Communities – 0.5 Mile Radius**

Looking east and upstream at Mill Creek where it enters the Hudson River.

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Photo 8 **Ecological Communities – 0.5 Mile Radius**

Looking west at the Hudson River where Mill Creek enters.

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Photo 9 **Ecological Communities – 0.5 Mile Radius**

Looking east and upstream at Mill Creek just west of Broadway.

Photo 10 **Ecological Communities – 0.5 Mile Radius**

Looking west and downstream at Mill Creek just west of Broadway.

Photo 11 **Ecological Communities – 0.5 Mile Radius**

Looking north at unnamed tributary to Hudson River from Partition Street.

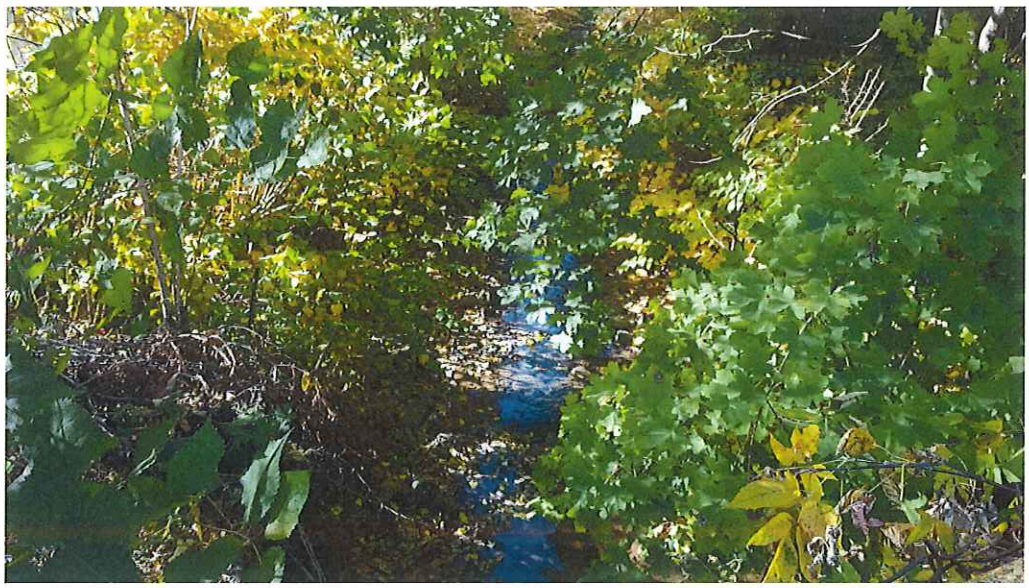

Photo 12 **Ecological Communities – 0.5 Mile Radius**

Looking south at unnamed tributary to Hudson River from Partition Street.

Photo 13 **Ecological Communities – 0.5 Mile Radius**

Looking southeast at successional northern hardwoods from Partition Street.

Photo 14 **Ecological Communities – 2 Mile Radius**

Looking northeast at existing C & D Landfill off of Partition Street.

Photo 15 **Ecological Communities – 2 Mile Radius**

Looking northwest at existing C & D Landfill off of Partition Street.

Photo 16 **Ecological Communities – 2 Mile Radius**

Looking south at successional northern hardwood off of Partition Street.

Photo 17 **Ecological Communities – 2 Mile Radius**

Looking south, southwest at successional northern hardwood off of Tracy Street approximately 0.75 miles from the site.

Photo 18 **Ecological Communities – 2 Mile Radius**

Looking west at successional northern hardwood off of Tracy Street approximately 0.75 miles from the site.

Photo 19 **Ecological Communities – 2 Mile Radius**

Looking southwest at successional northern hardwood off of Tracy Street approximately 0.75 miles from the site.

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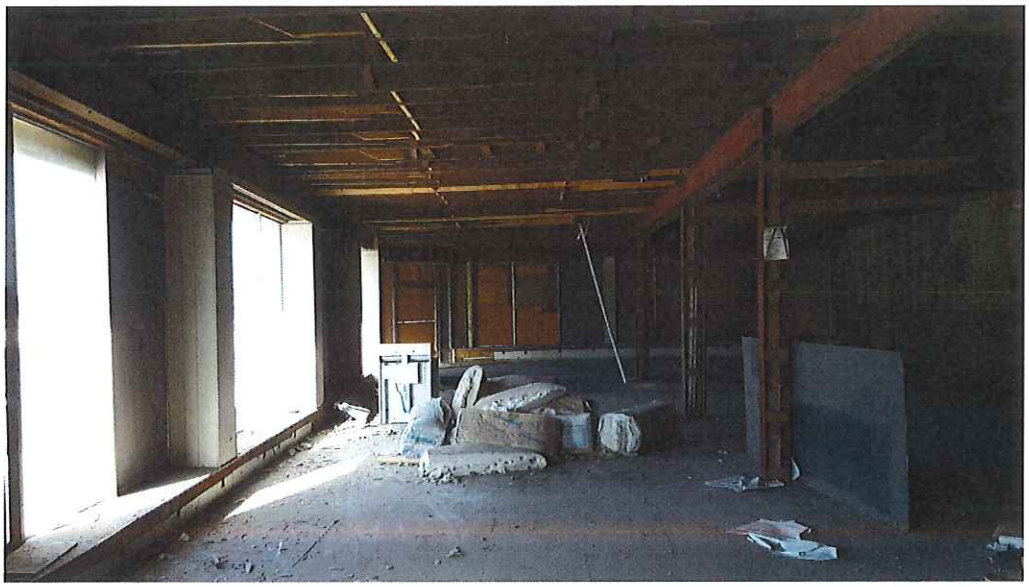

Photo 20 **Existing Building 800 Broadway**

Looking west at interior of existing structure first floor.

Photo 21 **Existing Building 800 Broadway**

Looking north at interior of existing structure first floor.

Photo 22 **Existing Building 800 Broadway**

Looking at walnut shells on floor of existing structure first floor. Evidence of rodent use of building.

Photo 23 **Existing Building 800 Broadway**

Looking at abandoned rodent nest within existing building.

Photo 24 **Existing Building 800 Broadway**

Looking at openings in building that could serve as potential access points to building by wildlife.

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Photo 25 **Existing Building 800 Broadway**

Looking at openings in building basement that could serve as potential access points to building by wildlife.

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Photo 26 **Existing Building 800 Broadway**

Looking at building basement floor. No evidence of digging or burrowing in dirt floor.

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Photo 27 **Existing Building 800 Broadway**

Looking at building basement floor. No evidence of digging or burrowing in dirt floor.

Photo 28 **Existing Building 800 Broadway**

Looking at building basement floor. No evidence of digging or burrowing in dirt floor.

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Photo 29 **Existing Building 800 Broadway**

Looking north along east end of building. No evidence of digging or burrowing in dirt observed.

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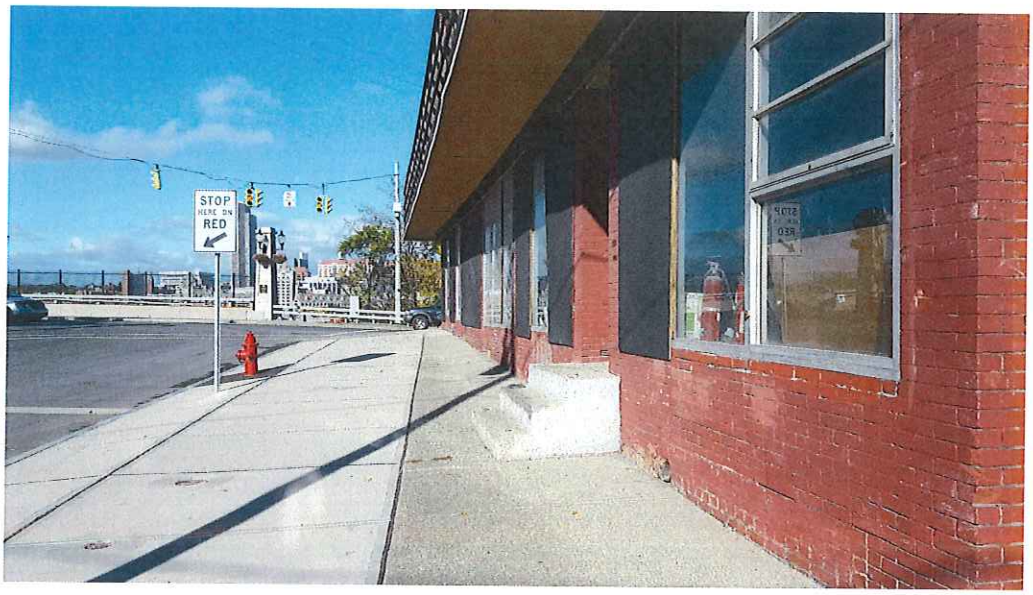

Photo 30 **Existing Building 800 Broadway**

Looking west along Partition Street and south side of building.

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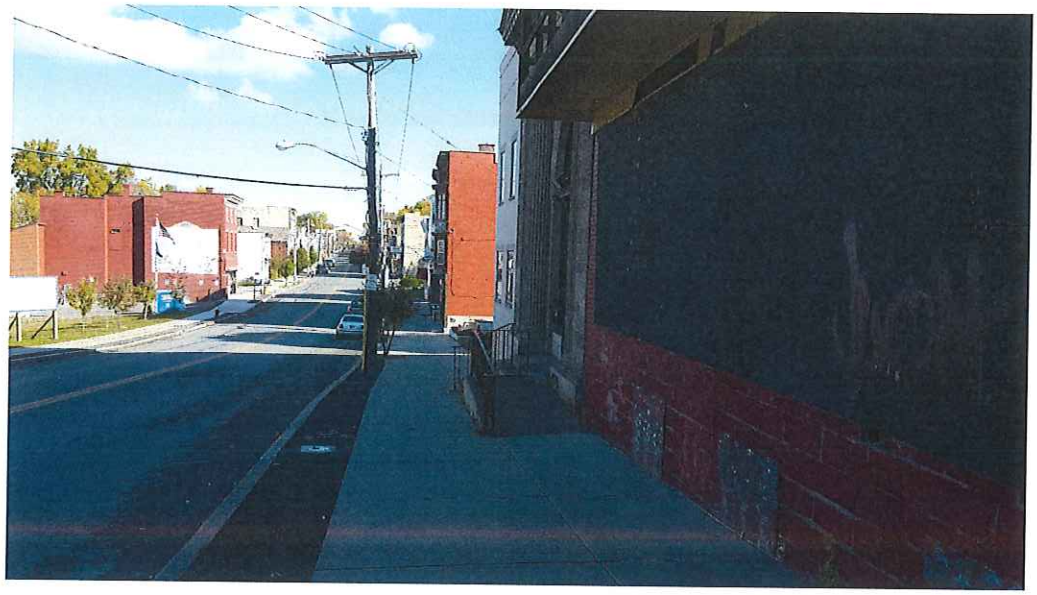

Photo 31 **Existing Building 800 Broadway**

Looking north along Broadway and west side of building.

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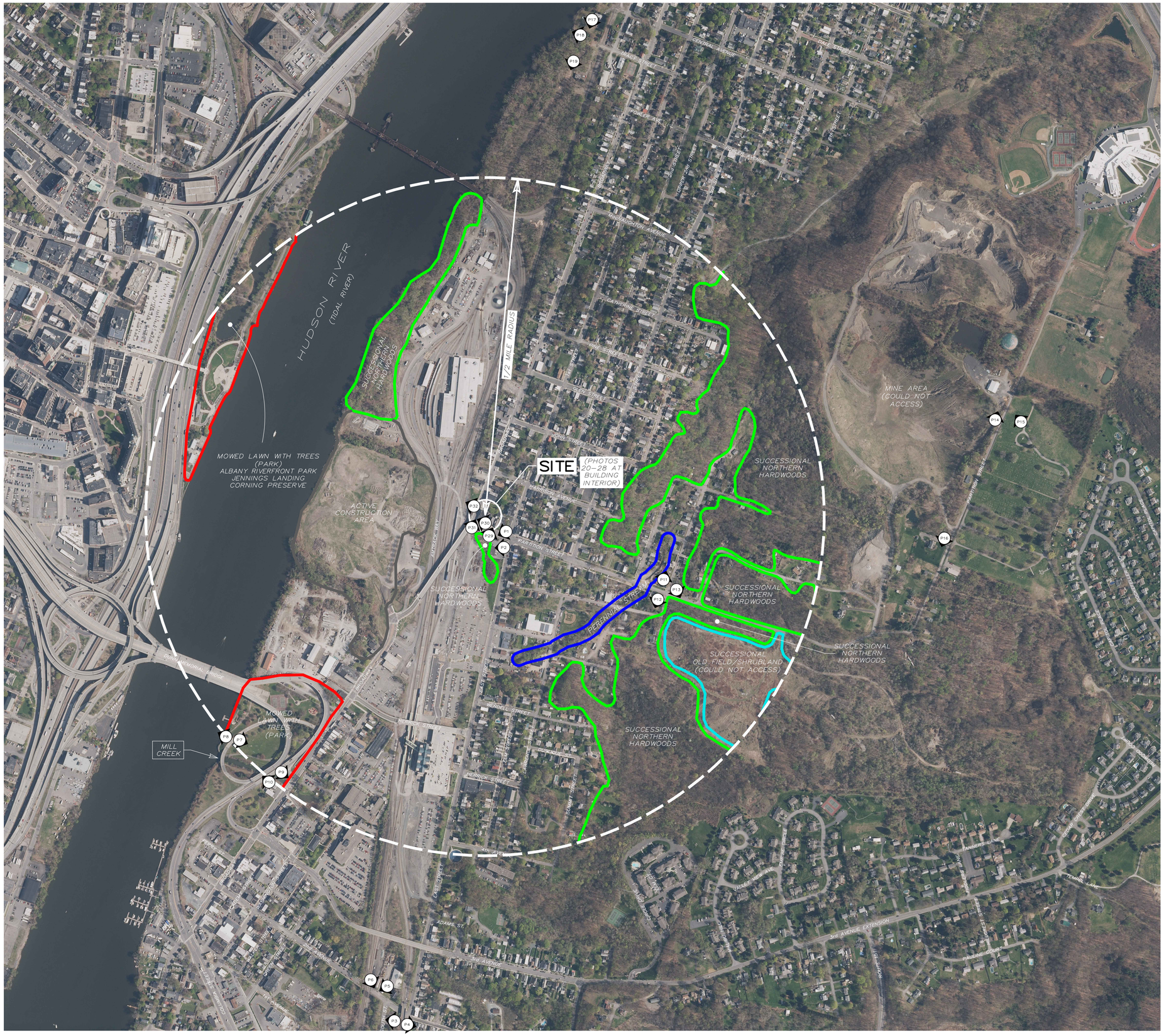
Photo 32 **Existing Building 800 Broadway**

Looking west across Broadway from west side of building.

ATTACHMENT 5

Vegetation Cover Type Map



SUCCESSIONAL NORTHERN HARDWOODSS

BLACK WALNUT	JUGLANS NIGRA
AMERICAN ELM	ULMUS AMERICANA
BOX ELDER	ACER NEGUNDO
NORWAY MAPLE	ACER PLATANOIDES
RED OAK	QUERCUS RUBRA
EASTERN COTTONWOOD	POPULUS DELTOIDES
MAPLE	ACER SP.
STAGHORN SUMAC	RHUS TYPHINA
GOLDENROD	SOLIDAGO SP.
MISC. GRASSES	
JAPANESE KNOTWEED	POLYGONUM CUSPIDATUM
WHITE SNAKEROOT	AGERATINA ALTISSIMA
RIVERBANK GRAPE	VITIS RIPARIA
ORIENTAL BITTERSWEET	CELASTRUS ORBICULATUS

MOWED LAWN WITH TREES (PARK)

BLACK WALNUT	JUGLANS NIGRA
AMERICAN ELM	ULMUS AMERICANA
BLACK LOCUST	ROBINIA PSEUDOACACIA
MISC. GRASSES	

PERENNIAL STREAM

MISC. GRASSES	
JAPANESE KNOTWEED	POLYGONUM CUSPIDATUM
STAGHORN SUMAC	RHUS TYPHINA
CURLY DOCK	RUMEX CRISPUS
GOLDENROD	SOLIDAGO SP.

LEGEND:

P01 DENOTES PHOTO LOCATION

NOTE:

PERENNIAL STREAM = UNNAMED TRIBUTARY TO HUDSON RIVER (ROCKY HEADWATER STREAM)

CCCO JOB

LANDS OF
TIM BAYLY DEVELOPMENT LLC

LOCATED AT 900 BROADWAY

CITY OF RENSSELAER

RENSSELAER COUNTY, NEW YORK
NOVEMBER 18, 2016

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP
900 ROUTE 146 CLIFTON PARK, N.Y. 12065 (518) 371-7621
ENGINEERING LANDSCAPE ARCHITECTURE LAND SURVEYING
WWW.EDPLLP.COM

SHEET TITLE

VEGETATION COVER TYPES
(1/2 MILE RADIUS)

REVISIONS	DATE	BY

SCALE: 1" = 300'

SHEET No.

© '16' LOCATION\RENSSELAER\RENSSELAER\Broadway\900 Broadway - Bayly Property\VEGETATION_COVER_TYPES_1M_BAYLY_ARCH_BROADWAY.dwg Dec 01, 2016 10:10:55AM, PLO