SITE INVESTIGATION REPORT

Loudon Plaza 350 Northern Blvd. Albany, New York 12204

NETC PROJECT # 08.1023054



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> **Date**: October 12, 2009

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GEO-ENVIRONMENTAL CONSULTING & PROPERTY MANAGEMENT SERVICES -SITE ASSESSMENTS - GEOTECHNICAL DRILLING & DPT PROBE SERVICES - TANK CLOSURES - EXCAVATION SERVICES - SOIL & GROUNDWATER REMEDIATION -EXPERT TESTIMONY - WASTE BROKERAGE SERVICES



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1.0 INTRODUCTION

The following information presents the results of a Site Assessment (SI) performed at the Loudon Plaza located at 350 Northern Boulevard Albany, NY (see **Figure 1**). The focus of the SI has been areas of the site historically operated for dry cleaning purposes; specifically the former Tech Valley Office Interior, Town Total Health and KEM Cleaners tenant spaces. This work was performed on behalf of the property owner Sky Four LLC (Client) to further address the Recognized Environmental Conditions (RECs) identified in NETCs Phase 2 Environmental Site Assessment (ESA) dated December 29, 2008. The objective of the SI work is to further delineate the areal and vertical extent that the dry cleaning chemical Tetrachloroethene (PCE), and its associated breakdown chemical compounds, exist in soil, vapor and groundwater at the site .

The scope of this SI is based on the recommendation presented in NETCs Phase 2 Environmental Site Assessment and includes the spill delineation and chemical characterization measures deemed necessary by the NYS Department of Environmental Conservation (NYSDEC) pursuant to its written directives summarized on March 23, 2009. The SI testing measures have also incorporated those measures considered appropriate by SKY-Four LLC and Axiom Capital Corporation. A more detailed accounting of the work performed is included below for your consideration.

2.0 <u>METHODOLOGIES</u>

2.1 SOIL BORING PROGRAM

A total of (6) additional soil borings (i.e., GP-6,7,8,9,10 &11) were installed at the Loudon Plaza site between the dates of April 13 - 15, 2009 (see **Figure 2**). The soil borings were advanced to depths ranging from ± 20.0 to 32.0 feet below grade. The soil borings were completed to facilitate the acquisition of additional near surface soil and groundwater samples. Each soil boring was completed in a manner to provide a geological log of the subsurface conditions and provide necessary data on the site's soil and / or groundwater condition. Each soil boring was installed utilizing a track mounted Geoprobe 6620 sampling system following standard direct push methods / techniques (DPT).

Each soil boring was completed as monitoring wells, and given the designation "MW" (i.e., GP-6 = MW-6), to facilitate the acquisition of groundwater samples and elevation data from a shallow unconfined aquifer located at the site (see **Figure 3**). The monitoring wells installed during this investigation are composed of two basic components; the well screen and riser of blank. The well screen is the intake portion of the monitoring well. The basic purpose of the riser is to provide storage and a connection to the surface from the well screen. Each monitoring well installed during the SI is constructed of 1-inch, threaded, flush joint, schedule 40 PVC pipe with 10.0 feet of 0.010 inch slotted well screen. Each of the monitoring wells were constructed to a total depth of 19.0 - 29.0 feet.

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|--|---|--|
| FIGURE 1 - SITE LOCATION MAP | DRAWING N | IOT TO SCALE NT |
| NORTHEASTERN ENVIRONMENTAL | Site Name: | 350 Northern Blvd (Loudon Plaza) Albany, New York 12204 |
| TECHNOLOGIES, CORP. | Project Number: | 08.1023054 |





With the exception of MW-10, all wells were constructed in such a manner as to screen (i.e.,straddle) the upper most groundwater bearing formations. Monitoring well MW-10 was constructed to screen the base of the shallow groundwater table. The annular space around the well screen and \pm 2.0 feet above has been filled with a uniform sand pack (0.010 grade). A bentonite seal has been installed above the sand pack at each monitoring well.

Each of the monitoring wells were developed to facilitate groundwater sampling services at the site. Well development services are deemed necessary for the following reasons:

- To remove residual mud and formational silt and clay, thereby preventing turbidity during sampling that could potentially interfere with chemical analysis; and,
- To increase the hydraulic conductivity immediately around the well, which in turn reduces the potential of the well yielding an insufficient volume of water during the sampling procedure.

New dedicated bailers were used at each monitoring well as a surge-block device for loosening the fine-grained material from the well annulus, and as a mechanism to remove the water and sediment from the well. The surging was assisted by rapidly raising and lowering the bailer within the screen section. Bailing was continued until the monitoring well water sufficiently cleared or five well volumes of water had been removed. Groundwater generated during the well development work was staged on site in 55 gallon open head salvage drums. NETC personnel have performed all aspects of the drilling, sampling and monitoring well installation services. Copies of the individual soil boring and monitoring well logs are included as **Appendix A** and **B**, respectively.

2.1.1 SOIL SAMPLING

A series of macro core and/or large bore soil samples were completed at each boring location following continuous soil sampling methods. Soil sampling depths for each boring ranged from ± 20.0 - 32.0 feet below grade. All soil samples were logged on site as they were extracted, labeled and retained for additional field volatile organic compound (VOC) analysis. New unused clear polyethylene terephthlate macro core sample liners (PETG) were used for all soil sampling work. All soil samples collected were examined and described using the Burmister and Unified Soil Classification Systems. In compliance with ASTM methods, the samples were labeled with the following information: boring number, sample number and depth of sample penetration record.

2.1.2 SOIL GAS ANALYSIS

Head space VOC soil gas measurements were initially recorded on each soil sample using a properly calibrated photoionization detector (PID -MiniRe3000). In addition, a Photo Vac 10S70 gas chromatograph (GC) equipped with a photoionization detector (PID) and an on board computer was used to quantify chlorinated VOC concentrations. The field GC analyzed a 250 micro liter aliquot of head space gas collected from a half filled 40 ml sample vial. Three chemical parameters were selected for consideration during the field GC testing services. The target chemicals of concern include PCE, cis-1,2-Dichloroethene (DCE), and Trichlorethene (TCE). Minimum detection limits (MDL) were established for PCE, TCE and DCE to assist in the review and interpretation of the soil guality data. Each soil sample was prepared for analysis by taking 20 grams of soil in a 40 ml vial and adding 20 ml of distilled water. The sample was then shaken and allowed to come to equilibrium. Prior to analyzing the first soil sample, a "clean" soil sample was spiked with a 20 ppm stock standard solution for calibration purposes. The results of the testing work was used to determine the vertical extent of VOC chemical contamination. A summary of the field GC soil quality results, as well as the field GC records are included in Appendix C. The PID soil gas results are also included on the individual boring logs (see Appendix A). The field GC soil quality data, as well as the PID information were used to short list (6) soil samples for confirmatory laboratory analysis. Each of the short listed samples were submitted to Phoenix Environmental Laboratories (PEL) for chemical analysis via EPA Method 8260.

2.2 GROUNDWATER SAMPLING

With the exception of monitoring well MW-3, each well at the site was sampled on April 16, 2008 with new unused bottom filled, check valve PVC bailers using monofilament to lower and raise the bailer. Attempts to sample monitoring well MW-3 were not realized (i.e., dry well). Three well volumes were removed from each monitoring well prior to sampling. All samples were collected in such a manner as to minimize agitation and other disturbing conditions, which may cause physio-chemical changes and bring about losses due to volatilization, adsorption, redox changes or degradation. The samples were then transferred to a set of laboratory prepared 40ml zero head space sample bottles, provided by Phoenix Environmental Laboratories (PEL), for chemical analysis.

Each groundwater sample was submitted to PEL for chemical analysis via EPA Method 8260 testing criteria. Observations have been recorded regarding weather and surrounding air/water/soil conditions, non-aqueous components of water (e.g. "floaters," surface sheens) and other pertinent field conditions. Chain of custody documentation was maintained throughout the transfer and shipment of samples to the laboratory.

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2.3 VAPOR INTRUSION TESTING PROGRAM

2.3.1 SUB SLAB VAPOR PROBE IMPLANT INSTALLATION SERVICES

Three sub slab vapor probe implants were installed below the southern and western portion of the Loudon Plaza. The implants were installed in a vacant tenant space (suite 110) and a rest room most recently occupied by Tech Valley Office Interiors (TVOI) and the Town Total Health tenant space (see **Figure 4**). A man operated rotary - impact drill was used to create three 1.0 inch penetrations through the floor slab of each tenant space. Each sub slab probe was installed in the unconsolidated soil / sand immediately below the concrete slab (i.e., <2.0 inches). The vapor probes installed during this SVI program consisted of 3/8 inch poly ethylene tubing and a stainless steel implant cover. The annular space around the base of the probe was filled with #1 morie well sand. The surface of the annular space surrounding the vapor probe was filled with a cement bentonite grout.

2.3.2 VAPOR SAMPLING SERVICES

Prior to collecting the vapor samples, an Indoor Air Quality Questionnaire and Building Inventory was completed by a representative of NETC. The Questionnaire and Inventory is included in **Appendix D**. One sub slab vapor sample was collected from each implant at the site on April 23, 2009. Prior to collecting the soil vapor samples, three vapor volumes were purged from each implant using a photoionization detector (i.e.,PID - MiniRae 3000). After purging and prior to sampling, a tracer gas (i.e., IsoButylene) enriched atmosphere was created around each soil vapor implant, a PID was attached to the vapor implant and continuously monitored for an increase in VOCs for ± 5 minutes to ensure the integrity of the implants. Soil Vapor Implants SS-1 and SS-2 demonstrated an increased level of VOCs, each implant was replaced in the same manor as described in section 2.3.1 and re-tested to ensure the implant's integrity. Sub slab vapor samples were collected using a negatively pressurized 1.4L Summa® canister equipped with a time specific regulator.

Each of the regulator systems were calibrated by Upstate Laboratories, Inc. (ULI) for the desired 24 hour sampling interval. Simultaneous indoor air samples were also collected from each of the two building areas as previously described. A simultaneous outdoor air sample was also collected at an upwind location (free of obstructions) adjacent to the Loudon Plaza structure. Each indoor and outdoor air sample was obtained from a 3 foot elevated platform via 1.4L Summa® canisters equipped with an 24 hour sample regulator.

All Summa[®] canisters were certified as clean by ULI. A sampling log was also maintained for the sampling event which documents sample IDs, date and time of the sample collection, sample height, the names of NETC staff, pertinent weather conditions, sampling methods and devices used, volume of air sampled, applicable pre

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and post sample vacuum and ambient air temperature data and chain of custody information. The actual sampling times for each of the sampling points are illustrated in Attachment A. All samples were shipped to ULI for chemical analysis. All samples were analyzed via EPA Method TO-15. All data sets are reported in micrograms per cubic meter (ug/m³) with minimum sample reporting limits of 1 ug/m³.

3.0 <u>FINDINGS</u>

3.1 GEOTECHNICAL CONDITIONS

The results obtained from the soil boring work identify the unconsolidated deposits as an alternating sequence of brown varved medium to fine sand, silts and clays. Bedrock was not encountered during this work. A confining layer consisting of hard gray till was encountered at \pm 30.0 feet below grade at soil boring location GP-10. Groundwater was encountered in each of the soil borings at depths ranging from \pm 13.0 - 17.0 feet. No visual or olfactory indications of chemical contamination were apparent in the soil samples collected at the site. Total VOC soil gas measurements recorded at each sampling location [and horizon] were consistent with low level to background (i.e., > 10.0 parts per million [ppm]) concentrations. Total VOC soil gas concentrations recorded at each soil boring location ranged from 0.6 - 8.8 PPM with the greatest concentration encountered at soil boring GP-8 at a depth of \pm 18 feet below grade.

3.2 HYDROGEOLOGY

Groundwater elevations established from the existing network of wells on April 16, 2009 range from 12.28 to 17.85 ft. below grade. As previously reported, attempts to obtain groundwater data from monitoring well GP-3 was not realized during the SI work (i.e., dry well). No measurable non aqueous phase liquid (NAPL) contamination was recorded in the network of monitoring wells. Groundwater elevations recorded at the site identify an apparent southeasterly groundwater flow direction in the shallow groundwater system towards Northern Boulevard (see **Figure 5**).

3.3 SOIL GAS SURVEY RESULTS

Low concentrations of chlorinated VOCs were documented at (3) soil boring locations (i.e., GP-8, GP-10 and GP-11). The chlorinated VOCs identified at the site include the dry cleaning compound PCE and its breakdown compounds TCE and Cis-DCE. PCE, TCE and Cis-DCE concentrations identified in the soil boring samples were reported at 105, 30.23, 110 PPB, respectively.

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3.4 LABORATORY RESULTS

3.4.1 SOIL QUALITY RESULTS

Soil samples GP-6 S-4A, GP-7 S-3B and GP-9 S-4A were reported as unaffected by the chemical compounds inherent to the EPA 8260 testing criteria. Soil samples GP-10 S-1 and GP-11 S-4B were each reported to contain low levels of the chlorinated compound Tetrachloroethene below that of the NYSDEC TAGM 4046 recommended soil cleanup objectives (RSCOs). Soil sample GP-8 S-4B was reported to contain low levels of the chlorinated compounds Cis-1,2-Dichloroethene, Tetrachloroethene and Trichloroethene each at levels below the NYSDEC TAGM 4046 recommended soil cleanup objectives (RSCOs). Copies of the PEL soil quality results are included in **Appendix E** for consideration.

3.4.2 GROUNDWATER QUALITY RESULTS

Groundwater samples collected at monitoring well locations MW-6, MW-7 and MW-9 were each reported as unaffected by the chemical compounds inherent to the EPA 8260 testing criteria. Chlorinated VOCs groundwater impacts have been confirmed at monitoring wells MW-1, 2, 4, 5, 8, 10 and MW-11 (see **Figure 6**). The reported dissolved phase groundwater impacts exceed the NYSDEC's 6 NYCRR PART 703 water quality standards at each location. The greatest chlorinated VOC concentrations were reported at monitoring well MW-4. The presence of PCE, TCE, DCE and the lack of other dissolved phase VOC groundwater impacts suggest the source as aged release(s) of the dry cleaning chemical PCE. A copy of the PEL water quality report is included in **Appendix F**.

3.4.3 TO-15 Air / VAPOR QUALITY RESULTS

The completed TO-15 test results confirm the presence of chlorinated VOC impacts in and/or below the 3-story office area (Axiom Capital), TVOI, Town Total Health and KEM tenant spaces. The concentrations of PCE found to exist in and below the TVOI tenant space are within the "monitor" range pursuant to the New York State Department of Health (NYSDOH) Center for Environmental Health Bureau of Environmental Exposure Investigation (NYSDOH CEH BEEI) standards for indoor air as listed in "Matrix 2" pursuant to the NYSDOHs Guidance Document For Evaluation Soil Vapor Intrusion in the State of NY. The concentrations of PCE, TCE, 1,1,1-TCA and Carbon tetrachloride found to exist in and below the Axiom Capital, Town Total Health and KEM tenant spaces are within the NYSDOHs "no further action" and "take reasonable and practical actions to identify source(s) and reduce exposures" ranges. Figure 7 illustrates the chlorinated VOC concentrations reported in each of the sub slab, indoor air and outdoor air quality sampling sites. Low concentrations of other VOCs reported in the TO-15 samples (including the outdoor air control sample) are attributed to janitorial products used by the establishments and / or ambient air conditions at the site (see Indoor Air Quality Questionnaire and Building Inventory). A





copy of the ULI report, as well as a summary of the air quality and vapor quality data are included in **Appendix G**.

3.4.4 TO-15 DATA VALIDATION

lyer Environmental Group was retained to provided analytical data validation services for the TO-15 analysis on all sub slab, indoor air and outdoor air samples collected at the site during the SI work. Iyer Environmental Group has concluded that all TO-15 results are considered valid and usable pursuant to USEPA guidelines with the qualifiers listed in Table 1 of its data validation report. A specific accounting of the lyer Environmental Group report is included in **Appendix H**.

4.0 <u>CONCLUSIONS</u>

The quality conditions at monitoring wells MW-6, MW-7 and MW-9 indicate no chlorinated VOC impacts on the northern and eastern portions of the site. Despite low level nature of the chlorinated VOC soil quality impacts documented at soil boring locations GP-8, GP-10 and GP-11, groundwater impacts along the western and southern portions of the Loudon Plaza site exceed the NYSDEC's 6 NYCRR PART 703 water quality standards.

The most significant groundwater quality impacts remain at monitoring well MW-4. Monitoring well MW-4 is located directly down gradient of the KEM Cleaners tenant space. Low concentrations of PCE (34 ppb) in down gradient monitoring well MW-11 [slightly above the NYSDEC's 6 NYCRR PART 703 water quality standards] and the lack of other chlorinated VOC impacts suggests the green space south of Northern Boulevard represents the likely down gradient extent of the dissolved phase chlorinated VOC plume. Groundwater quality at monitoring well MW-11 also suggests natural reductive dechlorination of dry cleaning chemical PCE. NETCs position on the natural attenuation of the PCE plume is based on the absence of other chlorinated VOC compounds in the monitoring well MW-11 groundwater chemistry.

The concentrations of PCE and TCE in air and soil vapor samples taken in and below the Loudon Plaza tenant space are within the *"monitor"* or *"no further action"* and *"take reasonable and practical actions to identify source(s) and reduce exposures"* ranges pursuant to the NYSDOH SVI Guidance Document. The cause for the documented reduction in air and soil vapor quality impacts in the vacant office and KEM tenant spaces since 2008 although unsubstantiated, is expected to be the result of seasonal factors (i.e., absence of frozen ground / heating season conditions) present during the April 2009 sampling event.

The SI data continue to support release of the dry cleaning chemical PCE from the KEM tenant space during a period when on-site dry cleaning took place. Lower concentrations of PCE and the relative ratios of the other chlorinated VOC compounds at monitoring well MW-1, 5 and 8 suggest greater reductive dechlorination of the parent

dry cleaning chemical PCE and additional natural attenuation of dry cleaning chemical PCE has occurred in areas cross gradient and up gradient of the KEM tenant space.

These data suggest that other historical dry cleaning operations occurred in the plaza and / or the potential that improper disposal of dry cleaning waste occurred in solid waste receptacles historically located along the plaza's rear service alley adjacent to the western property line.

5.0 <u>RECOMMENDATIONS</u>

At a minimum, a quarterly groundwater quality and vapor intrusion monitoring program is advocated for this matter. The existing network of wells and vapor implants should be used to document chlorinated VOC concentration trends at this site. This work should be performed to further assess the migration potential of the PCE plume and the impact winter (i.e., frozen ground conditions and the use of the facility's heating season) have on the structure's vapor intrusion risk.

If it is deemed necessary by the NYSDEC, based on the absence of near surface PCE soil impacts, the remedial alternative considered most appropriate for the observed PCE groundwater impacts include in *Situ* groundwater treatment. NETC views in *Situ* groundwater treatment as technically defensible and a viable means to accelerate mass reduction rates of the chlorinated VOC plume based. Our opinion on this matter is largely based on the apparent existing natural attenuation of the PCE plume as documented in the groundwater chemistry taken from the existing network of wells.

An in *Situ* treatment program is also considered more advantageous than other treatment alternatives based on the position of the dry cleaning chemical impacts with respect to existing site improvements, underground utilities, adjacent properties and Northern Boulevard.

Hydrogen release compound (i.e., 3-D Micro Emulsion HRC advanced [3DMETM]) is a proprietary (patent-applied-for by Regenesis) product which is field proven and provides for an immediate, as well as time-release supply of hydrogen to fuel the demands of the anaerobic reductive dechlorination. Typical longevity for 3DMeTM is up to 2 years or more on a single injection and up to 4 years or more under optimal conditions. When handled appropriately, $3DMe^{TM}$ is safe and easy to apply to the contaminated subsurface without the health and safety concerns and lingering environmental issues that have become associated with other chemical treatment / oxidation technologies.

3DME[™] is a three stage electron donor which provides free lactic acid, controlled release lactic acid and long release fatty acids for effective hydrogen production for prolonged periods (Regenesis). 3DME[™] can be easily is mixed in the field with water to create a micro emulsion and can be easily injected into the subsurface via direct push field methods. The permeable sandy glaciolacustrine deposits that exist at the site are

considered very conducive to this approach.

NETC advocates the implementation of an initial pilot scale test (ideally near monitoring well MW-4) to design a plume size application program for this matter. In order to validate and track the effectiveness of the anaerobic reductive dechlorination, we propose using the existing network of monitoring wells. Additional (down gradient) monitoring wells control may be required based on the pilot test area selected.

Baseline water quality information will be obtained from the network of wells to identify groundwater quality and physiochemical conditions prior to the injection of the $3DME^{TM}$. The following parameters, methods and monitoring frequencies are proposed to document the progress of the pilot scale test work.

| ANALYTE | Метнор | BASELINE | MONTHLY | EVERY OTHER MONTH* |
|----------------------------|----------------------|----------|---------|--------------------|
| pH, DO, ORP, | Low Flow Cell & | | | |
| Temperature, | Horiba Field Meter | | | |
| Conductivity | Readings | Х | Х | Х |
| | | | | |
| Chlorinated VOCs | Lab Services (8260) | Х | | Х |
| | | | | |
| | | . / | | |
| Total Organic Carbon (TOC) | Lab Services (9060) | Х | | Х |
| Nitrate & Sulfate | Lab Services | х | | х |
| | | | | |
| | | Ň | | N/ |
| Dissolved Iron & Manganese | Lab Services Fe & Mr | n X | | Х |

*Note: 3dMe application rates based on existing water quality data and application recommendations received from Regenesis.

During an initial 6 month monitoring period, groundwater samples would be collected from a predetermined network of monitoring wells to assess the extent to which 3DMe[™] affects the shallow aquifer conditions and the dissolved phase chlorinated VOC concentrations. Similarly, background water quality information would be obtained to facilitate a comparison of conditions induced by the addition of 3DMe[™] with background natural attenuation conditions outside the plume. Potential contaminant and competing electron acceptor flux entering the treatment zone will be evaluated using a select number of existing monitoring wells. As noted, down gradient groundwater quality data will be obtained using a combination of the existing and (if necessary) new monitoring wells.

As noted, the need to purse other site investigation work and / or alternative interim remedial measures should be based on the results achieved from the monitoring and in *Situ* pilot test work advocated herein or as deemed necessary by the government.

6.0 LIMITATIONS

NETC opinions regarding the significance of the site conditions are based on historical regulatory directives and similar opinions previously issued by the NYSDEC and NYSDOH for situations of a similar nature. As with any investigation of a limited scope, should additional information become available modification to this report may be appropriate. The NETC organization and I remain available to assist you with this important matter.

The findings and opinions offered are based on the completed SI work completed to date; no warranties are offered or implied. NETC assumes no responsibility for subsurface conditions including, but not limited to, other soil, vapor and groundwater quality conditions and / or infrastructure that may exist at the site. NETC opinions regarding the significance of the site conditions are based on historical regulatory directives and similar opinions previously issued by the NYSDEC / NYSDOH for situations of a similar nature. As with any investigation of a limited scope, should additional information become available modification to this report may be appropriate.

APPENDIX A

SOIL BORING LOGS



PRESENTATION OF IDENTIFICATIONS

BASED ON THE

BURMISTER SYSTEM

Fully Written Descriptions

Start the description with the color, first letter of first color capitalized (e.g. Brown, Yellow brown, Yellow and brown). The color should be the same as field description, since with oxidation the color sometimes changes between the time the sample is recovered and when it is viewed in the laboratory.

Determine the primary component (e.g. sand, gravel, or silt) and whether the component represents 50% (by weight) or more of the sample.

- I. If more than 50% sand, the word sand gets fully capitalized. Preceding the word sand, are the terms coarse, medium and/or fine as follows:
 - a. If there are approximately equal amounts of coarse, medium and fine sand, the description reads "coarse to fine SAND". If there is more coarse sand, the description reads "coarse (+) to fine SAND". The same holds true for the fine sand predomination. If medium sand predominates, the description reads "coarse medium (+) to fine SAND". In order for a term coarse, medium or fine to be included in a description, it must represent at least 10% of the sand fraction. For example, if a sample contains 70% sand, the sample must contain at least 7% of coarse sand for the word coarse to be included in the description. The above usage of coarse, medium and fine applies to gravel as well as

Unless advised to the contrary on a specific job, the differentiation between coarse and fine silt shall not be made.

b. A comma <u>always</u> appears immediately after the word sand. Next comes the adjective giving the approximate percentage of soil by weight passing the #200 sieve as follows:

| and: | 35-50% | some: | 20-35% |
|---------|--------|--------|--------|
| little: | 10-20% | trace | 1 100 |
| | | LIACe: | T-108 |

with a (+) sign indicating the upper third of percentage, a (-) sign indicating the lower third of percentage, and no sign indicating the middle third of percentage. Next comes a description of the soil passing the #200 sieve, based exclusively on plasticity as follows:

| PI | Description | Organic |
|--------------|-------------|------------------|
| 0 - 1% | Silt | (non-plastic) |
| 1 - 5% | Clayey Silt | (Slight P.I.) |
| 5 - 10% | Silt & Clay | (Low P.I.) |
| 10 - 20% | Clay & Silt | (Medium P.I.) |
| 20 - 40% | Silty Clay | (High P.I.) |
| 40% and more | Clay | (Very High P.T.) |

If the soil is organic, the term Organic Silt is used instead of the terms listed under "Description" and the terms listed under "Organic" are used at the very end of the full description (in parentheses).

- C. A comma is placed immediately after the term describing the soil passing the #200 sieve (e.g. Silt & Clay). Next the usage of and, some, little or trace (with a (+) or (-) if needed) is used to indicate the percent of gravel, followed by the use of coarse, medium and/or fine to describe the gravel gradation, with the word gravel always using a capital "G".
- d. An illustration of description of a soil having more than 50% sand is as follows:

Brown coarse to fine SAND, little Clayey Silt, some (-) medium to fine (+) Gravel.

- 2. If the major component is less than 50% of the total sample, the description is written exactly as for Item 1 above (with sand coming first), except that in the word sand, only the S is capitalized rather than the full word.
- 3. If there is more than 50% gravel, the description once more starts with the color, followed by the applicable terms of coarse, medium and fine, followed by the word GRAVEL in all capitals.
 - a. The adjective giving the percentage of all the soil except gravel is placed after the word gravel, and then a comma (e.g. if there is 62% gravel, a partial description would be "Brown medium to fine (+) GRAVEL and (-),...."). The sand is then described by coarse, medium and/or fine without its own percent adjective (with only the S in sand being capitalized). A comma is placed immediately after the word Sand, after which the soil passing the #200 sieve is indicated with the adjective for percentage as given in Item 1b above.
 - b. An example is: Gray medium to fine (+) GRAVEL and (-), coarse to fine Sand, trace Silt.

4. If there is more than 50% passing the #200 sieve, the description once more starts with the color, followed by the #200 description based exclusively on plasticity as follows:

| PI | Description | Organic |
|-------------|-------------|------------------|
| 0 - 18 | SILT | (non-plastic) |
| 1 - 5% | Clayey SILT | (Slight P.I.) |
| 5 - 10% | SILT & CLAY | (Low P.I.) |
| 10 - 20% | CLAY & SILT | (Medium P.I.) |
| 20 - 40% | Silty CLAY | (High P.I.) |
| 10% or more | CLAY | (Very High P.I.) |

If the soil is organic, the term Organic SILT is used instead of the terms listed under "Description", and the terms listed under "Organic" are used at the very end of the full description (in parentheses).

- a. The description is written as discussed in Section 3, with sand preceding gravel.
- b. An example is: Brown Clayey SILT some (+), coarse to fine Sand, trace fine Gravel.
- c. In the foregoing example, if the fines are organic the identification would be:

Brown Organic SILT some (+), coarse to fine Sand, trace fine Gravel (Slight P.I.).

- 5. If pockets, layers, etc., of other soil are present in the sample, include it at the end of the previously written description with a comma at the end of the previously written description.
- 6. If closely layered (partings, seams, or layers) soils, such as varved clays, are involved, each layer must be completely identified along with a sketch in the remarks column showing layer thicknesses.
- 7. Organic soils are identified as Organic Silt (as previously described) or as Peat.
 - a. Characteristics of Organic Silt are:
 - (1) Usually light gray to very dark gray (or black; color
 - (2) Odor caused by decomposition of plant or animal life imparting H_2S , CO_2 and other organic gases
 - (3) Plastic properties, usually very compressible

(4) May contain shells and fragments of partly decayed vegetable matter

b. Characteristics of Peat are:

- (1) Fibrous aggregate of undecayed or partially decayed vegetable matter, found in swamps
- (2) Frequently contains organic silt
- (3) Usually light brown to black in color
- (4) Distinctive odor, as for organic silt



VISUAL IDENTIFICATION OF SAMPLES

The samples were identified in accordance with the American Society for Engineering Education System of Definition.

| Material | Symbol | Fraction | Sieve Size | Definition |
|----------|--------|--------------------------------------|---|---|
| Boulders | Bidr | | 9~ + | Material retained on 9" sieve. |
| Cobbies | СЫ | | 3" to 9" | Material passing the 9" sieve and retained on the 3" sieve. |
| Gravel | G | coarse (c) medium (m) fine (f) | 1" to 3" ¥s" to 1" No. 10 to ¥s" | Material passing the 3 rd sieve and retained on the No. 10 sieve. |
| Sand | S | coarse (c) medium (m) fine (f) | No. 30 to No. 10 No. 60 to No. 30 No. 200 to No. 60 | Material passing the No. 10 sieve and retained on the No. 200 sieve. |
| Silt | \$ | | Passing No. 200 (0.074 mm) | Material passing the No. 200 sieve that is non- plastic in character and exhibits little or no strength when air dried. |

1. Definition of Soil Components and Fractions

Organic Silt (0\$)

Material passing the No. 200 sieve which exhibits plastic properties within a certain range of moisture content, and exhibits fine granular and organic characteristics.

| | | Plasticity | Plasticity Index | |
|-------------|------|----------------|------------------|--|
| Clayey SILT | Cy\$ | Slight (SI) | 1 to 5 | flar Sail |
| SILT & CLAY | 2&C | Low (L) | 5 to 10 | Material passing the No. 200 sieve which can be |
| CLAY & SILT | C&\$ | Medium (M) | 10 to 20 | made to exhibit plasticity and clay qualities within |
| Silty CLAY | \$yC | High (H) | 20 to 40 | a certain range of moisture content, and which |
| CLAY | С | Very High (VH) | 40 plus | exhibits considerable strength when air-dried. |

11. Definition of Component Proportions

| Component | Written | Proportions | Symbol | Percentage Range by Weight * |
|-----------|------------|-------------|------------|------------------------------|
| Principal | CAPITALS | | | 50 or more |
| Minor | Lower Case | and | a. | 35 to 50 |
| | | some | S. | 20 to 35 |
| | | little | I . | 10 to 20 |
| | | trace | t. | 1 to 10 |

* Minus sign (---) lower limit, plus sign (+) upper limit, no sign middle range.

| Cat | tegory | Symbol | Term | Symbol | Term | Symbol | Term |
|-----|--|--|--|--|---|--------------------------------------|---|
| A. | Borings | U/D | Undisturbed | В | Exploratory | A j | Auger |
| Β. | Sampies | C D O.E. | Casing Denison Open End | L S | Lost Spoon | U W | Undisturbed Wash |
| C. | Colors | bk bi br gr | black blue brown gray | gn or rd tn | green orange red tan | wh yw dk It | white yellow dark light |
| D. | Organic Soils | dec dec'g lig | decayed decaying lignite | o rts ts | organic roots topsoil | veg pt | ve getation peat |
| E. | Rocks | LS Gns | Limestone Gneiss | rk SS | rock San dstone | Sh st Sh | Schist Shale |
| F. | Fill and Miscellaneous Materials | bldr (s) brk (s) cndr (s) | boulder (s) brick (s) cinder (s) | cbl (s) wd dbr | cobbl e(s) wood debris | gls misc rbl | glass miscellaneous rubble |
| G. | Miscellaneous Terms | do e!, El fgmt (s) frqt irg mtid no rec pen | ditto elevation fragment(s) frequent large mottled no recovery penetration | pp P. I. P pc(s) rec or R | pocket penetrometer Plasticity Index pushed pressed piece (s) recovered | ref sm W. L. W. H. W. R. | refusal small water level weight of hammer weight of rods |
| H. | Stratifi ed Soils | alt thk thn w prt seam lyr stra vvd c pkt lns occ freq | alternating thick thin with parting seam layer stratum varved Clay pocket lens occasional frequent | 0 to 1/16" 1/16 to ½' ½ to 12" tl greater than alternating s small, errati lenticular do one or less more than o | thickness thickness thickness 12" thickness seams or layers of sand, c deposit, usually less t eposit per foot of thickness one per foot of thickness | silt and clay han 1 foot | |

III. Glossary of Modifying Abbreviations

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ter internet

| | Laboratory Classification Célteria | $\begin{array}{c c} & C_{T} = \frac{D_{40}}{D_{10}} & Greater (han 4) \\ \hline C_{T} = \frac{D_{40}}{(D_{20})^3} & Greater (han 4) \\ \hline C_{T} = \frac{D_{10}}{D_{10}} & D_{10} & D_{10} \\ \hline C_{T} = \frac{D_{10}}{D_{10}} & D_{10} & D_{10} \\ \hline \end{array}$ | R: Dan grad and Control and grad alon requirements for GR | In the state of th | 1. In the second | $\frac{1}{2} \frac{1}{2} \frac{1}$ | California and an array of the second and a second | di program de l'anter l'anter below Above "A" line ad 1.1. 1.1. 1.1. 1.1. 1.1. 1.1. 1.1. 1. | CO D D D D D D D D D D D D D D D D D D D | ⇒ď1 | 60 - Comparing wits a coul liquid limit | Curre In Curre In Cure In Curre In Cure | | | | Liquid limit | by Hasticity chart of for laboratory classification of fine grained soils | | l gravel-sand mixture with clay binder. | simply remove by hand the coarse particles that interfore with the tests. Tougherst Consistency near plastic limit): Tougherst Consistency near plastic limit): Tougherst Consistency and plastic limit): After removing period plastic limit): to a point one-half inch cube in aize, is moulded to the consistency of pulty. If one offy, we and and and it stick, the specimen should be spread out in a thin layer and allowed to lose some moisture by evaporation. Then the specimen is colled when the automatic the thread is then folded and re-rolled repeatedly. During this manupulation the motivue content is prastually reduced and the specimen suffers, thalfy loses its plasticity, and cumbles when the plastic limit is reached. |
|----------------------|--|--|--|--|--|--|--|---|---|--------------------------------------|--|---|--|--|--|--|--|--|--|--|
| Classification | Information Required for Describing Solis | Give typical name; indicate a proximate percentages of sa | and gravel; maximum at angularity, surface conditi and hardness of the cos | and other pertinent descript information: and symbols parentheses | For undisturbed soils add inform tion on stratification, degree compactness, cementatic | moisture conditions a drainage characteristics Example: Silly zand, gravelly: about 20 | hard, sngular gravel partix 1-in. maximum size; round and subangular sand gra contrologic found gra | plastic fines with low of strength; well compacted a moist in place; alluvial aar | | | | Give typical name; indicate degr and character of plastici amount and maximum size coaree sesion: colour in a | condition, odour if any, local geologic name, and other per nent descriptive informatio and symbol in parentheses | For undisturbed soils add info | tion, on superconduction to the super- and remoulded states, moistu- and drainage conditions | Example: | Clayey sill, brown; silghi plastic; small percentage | root holes: firm and dry place: locas; (ML) | "or example GW-GC, well graded | upposed, accenting is not intended lieve sitz, mould a pat of soli inccessary. Allow the pat to and ther test its atmessive is This atrensith by a transfer is a measure dat fraction contained in the ling plasticity. A typical of the CH group. A typical of the CH group. A typical statt, but can be distinguished incn. Fine aand feeh gritty f flour. |
| ble 3.5 Unified Soil | Typical Names | Well graded gravels, gravel- and mixtures, little or no fines | Poorly graded gravels, gravel- sand mixtures, little or no fines | Silty gravels, poorly graded gravel-gand-silt mixtures | Clayey gravels, poorly graded gravel-tand-clay mixtures | Well graded sands, gravely sands, little or no fines | Poorly graded sands, gravely sands, little or no fines | Silty sands, poorly graded sand- silt mixtures | Claycy sands, poorly graded sand-clay mixtures | | | Inorganic ailts and very fine sands, rock flour, silty or clayey fine sanda with slight plasificity | Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays | Organic silts and organic silt- clays of low plasticity | Inorganic silts, micaccous or diatomaccous fine sandy or silty solls, clastic silts | Inorganic clays of high plat- ticity, fas clays | Organic clays of medium to high plasticity | Peat and other highly organic solis | combinations of group symbols. I fine Gro | city Y ₄ In. For field classification p (Crushing characteristics): ving particleri larger than No. 403 multitency of putty, adding water if pitcity by over, and or alt dying, a materier and quantity of the colled a materier and quantity of the colled e dry strength increases with increase of strength is characteristic for clays c stil postesse only very stillant of have about the same tight dry stre- ed when powdering the dried pace e when powdering the strong for a po- set when powdering the strong for a strength is the strong for a po- ed when powdering the dried pace a typical still has the smooth for a a typical still has the smooth for a |
| Ĩ | Symbols | GH | 5 | GM | 23 | SH | e S | SM | SC | | | ML | ธ | 70 | НМ | СН | но | Ä | nated by c | y Strength to the cc to the cc dry com breaking of the cd aoil. Th aoil. Th aoil. Th aoil. Th aoil. Th aoil. Th aoil. Th aoil. Th aoil. Th the cf ao the cf |
| | in Procedures In. and basing fractions on cights) | e range in grain size and substantial mounts of all intermediate particle | lominantly one size or a range of sizes in some intermediate sizes missing | plastic fines (for identification pro- | ic fines (for identification procedures, : CL below) | c range in grain sizes and substantial rounts of all intermediate particle | ominantly one size or a range of sizes th some intermediate sizes missing | plastic fines (for identification pro- courts, see ML below) | is fines (for identification procedures, CL below) | tion Smaller than No. 40 Sieve Size | Sitength Dilatancy Toughness tabing (reaction near plastic racter- to shaking) near plastic tics) | ne to Quick to None | tum to None to Medium | thi to Slow Slight | hi to Slow to Slight to dium none medium | th to None High | igh very slow medium | ily identified by colour, odour, with feel and frequently by fibrous | the second s | the minus No. 40 sieve size particles, al 40 sieve size, prepare a pet of -half cubic inch. Add enough and shake horizontally, striking and shake horizontally, striking and shake horizontally, striking and times. A positive eraction i the turindee of the pat which mers glossy. When the aample i the turindee of the pat which more storsy. When the aample i the of the dinapearance during ter of the dinapearance more distinct reaction whereas |
| | Field Jaconing Particles larger than 3 (Excluding particles larger than 3 | Para Contraction (Contraction (| els sieve si sieve si ditti ditti ditti | E Construction is construction | ned solf of mater seed eye free free free free free free free f | Совле-вта- тал прав прав прав прав прав прав прав прав | | Z No. 4 No. | is sul 1 official paraz paraz in paraz in paraz in paraz in ara in araz in araz in ara in ara in ara i ara in ara i ara i ara i ara i ara i a ara i a ara i a a a a | 2 Identification Procedures on Fract | Liter Period is a liter Period | olls e size e size o. 200 sie nic ling init init init init init init init i | strained av of mater . 200 siev Silts Vi Big liqt liqt liqt | | בוואנו ווחונ ווחונ ווחונ ווחונ ווחונ ווחונ ווחונ ווחונ | Man 1990 | | Highly Organic Soils spoi | From Wagner, 1957. | These procedures are to be performed on <i>Dilators</i> (TReaction to shaking): After removing particles larger than No After removing particles larger than No moist soil with a volume of about one- water in necessary to make the soil wolf b Place the pat in the open palm of one hand a vigorously aginst the other hand sever consists of the appearance of water other is queered between the fighters, the water surface, the pat utilities and finally it cra- stic process of water during thaking a queering satist in identifying the charact Vity fine clean saids give the quickets and |

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putty. It too ffy, water must be argue and in structure though spectra out in a thin layer and allowed to lose some moisture by responsition. Then the pairs link of allowed to lose some moisture by responsition. The thread is then folded and the rolled out one-light fach in diameter. The thread is then folded and the rolled out one-light fach in diameter. The thread is then folded and the rolled out one-light fach in diameter. The thread is then folded and the rolled out one-light fach in diameter. The thread is the folded and the rolled the treembers, the pieces about one-light fach and the preciment strated by rounder and the preciment strated by rounder and the rolled the treember, the pieces about one-light fach and a light threading action continued until the turn cumbles. The fourber the thread rest the plastic limit and quet loss of contract of the turn below the plastic limit rand quet loss of contract of the turn below the plastic limit rand quet loss of contract of the turn below the plastic limit rand queter loss of contract of the turn below the plastic limit rand queter loss of contract of the turn below the plastic limit rand queter loss of contents of the turn below the plastic limit rand queter loss of contents of the turn below the plastic limit rand queter loss of contents of the turn below the plastic limit rand queter loss of contents of the turn below the plastic limit rand queter loss of contents of the turn below the plastic limit rand queter loss of contents of the turn below the plastic limit rand queter loss of contents of the turn below the plastic limit and queter loss of contents of the turn below the plastic limit rand queter loss of contents of the turn below the plastic limit rand queter loss of contents of the turn below the plastic limit rand queter loss of contents of the turn below the plastic limit rand queter loss of contents of the turn below the plastic limit rand queter loss of contents of the turn below the plastic limit rand queter loss of contents of the turn below th

6. 10 Sec.

1.00

| Soil Characteristics Periment to Roads and Airfield. Name Value as Value as Value as Potential | Soli Characterktics Perlinent to Roads and Airfield. Value as Value at Value at Potential | Soli Characteristics Perlinent to Roads and Airfield: Value as Value as Potential | Soli Churacteristics Perlinent to Roads and Airfield. Value as Value as Potential | versitics Perlinent to Roads and Airficid Value at Potential | Potential | - | compressibility | Drainage | Compaction Equipment | Unit Dry | Typicat Der | ilgn Vatues |
|---|--|--|--|---|---|------------------------------|-------------------------------------|------------------------------------|---|--|-------------|--------------|
| Name Name Nabe an Subgrade W Noi Subjer Frasi Acti | Value ar Subgrade W Not Subject Frost Actie | Value as Subgrade W Not Subject Frost Activ | t to | Value as Subbase When Not Subject to Frost Action | Value at Bave When Not Subject Io Front Action | Polential Frott Acilon | Compressibility and Expansion | Urainage Characteristics | Compaction Equipment | Unii Dry Weight Ib. per cu. ft. | CBR (2) | ų —————————— |
| Well-graded gravels or gravel-sand Excelle mixtures, little or no fines | vel-sand Excelie | Excelle | E | Excellent | Good | Nome to very slight | Almost none | Excellent | Crawler-type tractor, rubber-tired roller, steel-wheeled roller | 125-140 | 40.80 | 300-500 |
| Poorly graded gravels or gravel-sand Good to e mixtures, little or no fines | ravel-sand Good to e | Good to e | scellent | Good | Fair to good | None to very slight | Almost none | Excellent | Crawler-type tractor, rubber-tired roller, steet-wheeled roller | 110-140 | 30.60 | 003-00V |
| Silty gravels, gravel sand silt Good to es mixtures | tile Grod to ex | Gred to ex | icellent | Good | Fair to good | Slight to medium | Very slight | Fair to poor | Rubber-tired roller, sheepsfroot roller; close control of moisture | 125-145 | 40.60 | 300-500 |
| Good | Good | Good | | Fair | Poor to not suitable | Slight to medium | Slight | Poor to practically impervious | Rubber-tired roller, sheepsfoot roller | 115-135 | 20:30 | 200-500 |
| Clayey gravels, gravel sand-clay Good mixtures | d-clay Good | Good | | Fair | Poor to not suitable | Slight to medium | Stight | Proce to practically impervious | Rubber-tired roller, sheepsfoot roller | 130-145 | 201-40 | 200 500 |
| Well-graded vands or gravelly sands, Good little or no fines | illy sands, Good | Good | | Fair to good | Poor | Nome to very stight | Almost none | Excellent | Crawler-type tractor, rubber-tired roller | 011-011 | 20.40 | 200-400 |
| Poorly graded vands or gravelly Fair to good sands, little or no fines | velly Fair to good | Fair to good | | Fair | Poor to not suitable | None to very slight | Almost none | Excellent | Crawler-type tractor, tubber-tired roller | 105-135 | 10-40 | 150-400 |
| Silty rands, sand silt mixtures | res Fair to good | Fair to good | | Fair to good | Pron | Slight to high | Very slight | Fair to poor | Rubber tired roller, sheepdood roller; close control of moisture | 120-135 | 15-40 | 150-400 |
| Fair | Fair | Fair | | Poor to fair | Not suitable | Slight to high | Slight to medium | Poor to practically impervious | Rubber-tired roller, sheepsfoot roller | 100-130 | 10 20 | 100-300 |
| Clayey sands, sand-clay mixtures Poor to fair | atures Poor to fair | Poor to fair | <u> </u> | Poor | Not suitable | Slight to high | Slight to medium | Poor to practically impervious | Rubber-lired roller, sheepsfood relier | 100-135 | 5.20 | 100-300 |
| Integratic stilts and very fine sands. Poor to fair nock flour, silty or clayey fine sands or clayey silts with slight plasticity | e sands, Poor to fair ne sands lasticity | Poor to fair | | Not suitable | Not suitable | Medium to very high | Slight to medium | Fair to poor | Rubber stired soller, sheepsfood soller; close control of moisture | 01.06 | 15 or tess | 00 200 |
| Inorganic clays of low to medium Poor to fair plasticity, gravely clays, sandy clays, silly clays, lean clays | edium Poon to fair ndy clays. | Poor to fair | | Not suitable | Not suitable | Medium to high | Medium | Practically impervious | Rubber tired roller, sheepsfroot roller | 961-06 | 15 or less | 80.1.80 |
| Organic silts and organic silt-clays of Poor low plasticity | tectays of Poor | Poor | | Not suitable | Not suitable | Medium to high | Medium to high | Poor | Rubber-lited roller, sheepsfoot roller | 90-105 | 5 or less | 50-100 |
| Inveganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts | sity soils. | Poor | | Not suitable | Not suitable | Medium to very high | High | Fair to poor | Sheepsfoot roller, rukker-tired roller | 80-105 | 10 or less | 20-100 |
| Inorganic clays of medium to high Poor to fair plasticity, organic silts | to high Poor to fair | Poor to fair | j | Nor suitable | Not suitable | Medium | High | Practically impervious | Sheepsfood roller, rukker-tired roller | 90.115 | 15 or tess | 051-05 |
| Organic clays of high plasticity, fat Poor to very pr clays | city, fat Poor to very po | Poor to very po | ž | Not suitable | Not suitable | Medium | Nigh | Practically impervious | Sheepsfoot roller, rubber-tired roller | 80-110 | 5 or less | 25-100 |
| Peat and other highly organic soils Not suitable | ic soils Not suitable | Not suitable | | Not suitable | Not suitable | Slight | Very high | Fair to poor | Compaction not practical | 1 | 1 | 1 |

(2) The matimum value that can be used in design of airfields is, in some cases, limited by gradation and plasticity requirements.

Note: (1) Unit Pay Weights are for compacted soil at optimum muisture content for modified AASHO compaction effort. Division of GM and SM groups into subdivision of d and u are for roads and airfields only. Subdivision is abise of Attester Binktrix, suffix d (e.g., GMd) will be used when the liquid limit (LL) is 35 or less and the plasticity inde is 6 or less; the suffix u will be used otherwise.

| | | | | TEST | BOR | ING LOO |) | | Boring No. | GP-6 |
|-----------------|------------|-------------------------------------|---------------------------------|-------------------------------------|-------------|---------------|-------------|---------------------------------------|-------------|------------|
| PROJI | ECT: | Lou | don Plaza | | | | | | SHEET NO. | 1 of 1 |
| CLIEN | T: | Sky | Four LLC | | | | | | JOB NO. | 08.1023054 |
| DRILL | ING CC | NTF | RACTOR: | Northeas | stern Envir | onmental Tecl | nnologies C | orporation | M.P. ELEV. | |
| PURPO | OSE: | Sub | surface Inv | restigation | C | | | | GR. ELEV. | |
| DRILL | ING ME | тно | D: Direc | t Push | | Soil Sample | GW Sample | Sample Method | DATUM | |
| DRILL | RIG: | Geo | probe 6620 | DDT | TYPE | Macro | Bailor | Sch40PVC | DATE START | 04/13/2009 |
| GROU | ND WA | TER | LEVEL: | 12.28' | DIAM | . 2.0" | 0.75" | 1.0" | DATE FINISH | 04/13/2009 |
| MEAS | URING | РТ.: | Top F | PVC | Sampl | e Yes | Yes | | DRILLER | R. Earl |
| DATE: | 04/16/ | 2009 | <u>)</u> | 1 | Scree | n | | 10.0' | INSPECTOR | R. Gray |
| Depth (feet) | Samı ID | ole | Peak PID (ppm) bkg=0.0 | Unified Soil Class. System | | GEOLO | GIC DES | CRIPTIO | N | REMARKS |
| 1.0 | | | | ¢. | Asphalt | | | | | R=3.0' |
| 2.0 | S-1/ | 4 | 1.2 | | Br mf S a | \$ | | | (+/- 4.0") | No Odor |
| 2.5 | 1 | | | | Brown me | dium fine SAN | ID and Silt | | | |
| 3.0 | | | | | | | | | | Dry |
| 4.0 | S-11 | 3 | 1.1 | | | | | | | |
| 5.0 | | | | | | | | | | |
| 6.0 | | | | | | | | | | R=1.75' |
| 7.0 | S-2/ | ۹ | 1.6 | | Same as | above | | | | No Odor |
| 7.5 | | | - | | | | | | | - |
| 8.0 | | · | | | | | | | | Dry |
| 9.0 | S-28 | 3 | 1.2 | | | | | | | |
| 10.0 | | | | | | | | | | |
| 11.0 | | | | | Same as a | above | | | | R=4.0' |
| 12.0 | S-34 | ۸ | 1.6 | | | | | | | No Odor |
| 12.5 | | | | | Brc-fSs | \$ | | | (+/- 11.5') | |
| 13.0 | | Brown coarse to fine SAND some Silt | | | | | | | | Damp |
| 14.0 | S-3B 1.9 | | | | | • | | | | |
| 15.0 | | | | | | | | | | WET |
| 16.0 | | | | | | | | | | R=4.75' |
| 17.0 | S-4A | | 1.5 | | | | | | | No Odor |
| 17.5 | | | | | Same as a | above | | | | |
| 18.0 | | | | | | | | | | WET |
| 19.0 | S-4E | 3 | 2.0 | | | | | | | |
| 20.0 | | ļ | | | | | | | | |
| <u>i</u> , | | | | Grou | ndwater | sample colle | cted @ 13 | 3.0 feet | | |
| | 1 | | | S | oil Boring | g Completed | @ 20.0 f | eet | | |
| | | | | | | | | · · · · · · · · · · · · · · · · · · · | | |

| | | | TEST | BORII | NG LOC | 3 | | Boring No. | GP-7 |
|-----------------|--------------|-----------------------------------|--------------------------|--------------|-------------------------|-------------|-------------------------|-------------|------------|
| PROJE | ECT: L | oudon Plaza | | | | | | SHEET NO. | 1 of 1 |
| CLIEN | T: S | ky Four LLC | | | | | | JOB NO. | 08.1023054 |
| DRILL | ING CON | TRACTOR: | Northeas | stern Enviro | nmental Tec | nnologies C | Corporation | M.P. ELEV. | |
| PURPO | DSE: S | ubsurface Inv | estigation | | | | | GR. ELEV. | |
| DRILL | NG MET | HOD: Direc | t Push | | Soil Sample | GW Sample | Sample Method | DATUM | |
| DRILL | RIG: G | eoprobe 6620 | DDT | TYPE | Macro | Bailor | Sch40PVC | DATE START | 04/13/2009 |
| GROU | ND WATE | ER LEVEL: | 13.67' | DIAM. | 2.0" | 0.75" | 1.0" | DATE FINISH | 04/13/2009 |
| MEASU | JRING P | r.: Top F | PVC | Sample | Yes | Yes | | DRILLER | R. Earl |
| DATE: | 04/16/20 | 09 | | Screen | | | 10.0' | INSPECTOR | R. Gray |
| Depth (feet) | Sample ID | Peak e PID (ppm) bkg=0.0 | Soil Class. System | | GEOLC | GIC DES | CRIPTION | N | REMARKS |
| 1.0 | | | | Asphalt | | | | | R=2.5' |
| 2.0 | S-1A | 3.1 | | Brc-fSa\$ | 5,tfG | | | (+/- 4.0") | No Odor |
| 2.5 | | | | Brown coal | r <u>se to fine S</u> A | ND and Sil | l <u>t, trac</u> e fine | Gravel | |
| 3.0 | | | | BrmfSa\$ | | | | (+/- 2.5') | Dry |
| 4.0 | S-1B | 3.8 | | Brown med | lium fine SAN | ND and Silt | | | - |
| <u> </u> | | | | | | | | | |
| 5.0 | | | | | | | | | P-2 0' |
| 6.0 | \$ 24 | 2.5 | | Same as a | oove | | | | R-3.0 |
| 7.0 | 3-2A | 2.5 | | | | | | | No Odor |
| 7.5 | | | | | | | | | |
| 8.0 | | | | | | | | | Dry |
| 9.0 | S-2B | 2.1 | | | | | | | |
| 10.0 | | | | | | | | | |
| 11.0 | | | | Same as at | oove | | | | R=4.5' |
| 12.0 | S-3A 2.3 | | | | | | | | No Odor |
| 12.5 | | | | | | | | | WET |
| 13.0 | | | | | | | | | |
| 14 0 | S-3B 5.7 | | | | | | | | |
| 15.0 | | | | | | | | | |
| 10.0 | | | | | | | | | R=1 75' |
| 10.0 | Q./A | 10 | | | | | | | |
| 17.0 | 0-4A | 4.2 | | . | | | | | NO UDOr |
| 17.5 | | | | Same as at | ove | | | | |
| 18.0 | | | | | | | | | WET |
| 19.0 | S-4B | 2.2 | | | | | | | |
| 20.0 | | | | | | | | | |
| | | | Grou | ndwater sa | ample colle | cted @ 14 | 4.0 feet | | |
| | | | S | oil Boring | Completed | @ 20.0 f | eet | | |
| | | | | | | | | | |

Shipping Address: 1476 Route 50 Ballston Spa, NY 12020 (518) 884-8545 - Phone Mailing Address: P.O. Box 2167 Ballston Spa, NY 12020 (518) 884-9710 - Fax

| | | | TEST | BORIN | | | | Boring No. | GP-8 |
|-----------------|--------------|-------------------------|--|---------------|--------------|--------------|------------------|-------------|------------|
| PROJE | ECT: Lou | don Plaza | | | | | | SHEET NO. | 1 of 2 |
| CLIEN | T: Sky | Four LLC | | | | | | JOB NO. | 08.1023054 |
| DRILLI | NG CONT | RACTOR: | Northeas | stern Enviror | imental Tech | nnologies C | orporation | M.P. ELEV. | |
| PURPC | DSE: Sub | surface Inv | estigation | | | | | GR. ELEV. | |
| DRILLI | NG METHO | D: Direc | t Push | | Soil Sample | GW Sample | Sample Method | DATUM | |
| DRILL | RIG: Geo | probe 6620 | DT | TYPE | Macro | Bailor | Sch40PVC | DATE START | 04/13/2009 |
| GROU | ND WATER | LEVEL: | 16.20' | DIAM. | 2.0" | 0.75" | 1.0" | DATE FINISH | 04/13/2009 |
| MEASU | JRING PT.: | Top F | PVC | Sample | Yes | Yes | | DRILLER | R. Earl |
| DATE: | 04/16/200 | Pook | Unified | Screen | | | 10.0' | INSPECTOR | R. Gray |
| Depth (feet) | Sample ID | PID (ppm) bkg=0.0 | Soil Class. System | | GEOLO | GIC DES | CRIPTION | 4 | REMARKS |
| 1.0 | | | | Asphalt | | | | | R=4.5' |
| 2.0 | S-1A | 1.3 | | BrmfSa\$ | c | | | (+/- 4.0") | No Odor |
| 2.5 | | | | Brown med | ium fine SAN | ID and Silty | <u>/ Clay</u> | | |
| 3.0 | | | | | | | | | Dry |
| 4.0 | S-1B | 1.4 | | Br mf S a \$ | | ~ | | (+/- 3.0') | |
| 5.0 | | | | Brown med | ium fine SAN | D and Silt | | | |
| 6.0 | | | | _ | | | | | R=3.0' |
| 7.0 | S-2A | 2.0 | | Same as at | oove | | | | No Odor |
| 7.5 | | | | | | | | | |
| 8.0 | | | | | | | | | Dry |
| 9.0 | S-2B | 1.8 | | | | | | | |
| 10.0 | | | | | | | | | |
| 11.0 | | | | Same as at | ove | | | | R=4.0' |
| 12.0 | S-3A | 3.0 | | | | | | | No Odor |
| 12.5 | | | | | | | | | Damp |
| 13.0 | | | | | | | | | |
| 14.0 | S-3B | 4.7 | | | | | | | |
| 15.0 | | 5 | | | | | | | WET |
| 16.0 | | | | | | | | | R=5.0' |
| 17.0 | S-4A | 1.0 | | | | | | | No Odor |
| 17.5 | | | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | Same as ab | ove | | | | |
| 18.0 | | | | | | | | | WET |
| 19.0 | S-4B | 8.8 | | | | | | | |
| 20.0 | | | | | | | | | |
| | | | Grou | ndwater sa | ample colle | cted @ 1 | 7.0 feet | | |
| | | | S | Soil Boring | Completed | @ 25.0 f | eet | | |

| | | | TEST | BORING LOG | Boring No. | GP-8 |
|-----------------|---------------|----------------------|-------------------------------------|--------------------------------------|------------|------------|
| PROJE | CT: Loud | lon Plaza | | | SHEET NO. | 2 of 2 |
| CLIEN | r: Sky | Four LLC | 1 | | JOB NO. | 08.1023054 |
| Depth (feet) | Sample ID | Peak PID (ppm) | Unified Soil Class. System | GEOLOGIC DESCRIPTION | | REMARKS |
| 21.0 | | | | Br mf S a \$ | | R= 5.0' |
| 22.0 | S-5A | 0.8 | | Brown medium fine SAND and Silt | | WET |
| 22.5 | | | - | | | No Odors |
| 23.0 | | | | Same as above | | |
| 24.0 | S-5B | 1.4 | | | | |
| 25.0 | | | | | | |
| 26.0 | | | | End of Soil Boring at 25.0 feet | | |
| 27.0 | | | | | | |
| 27.5 | | | | | | |
| 28.0 | | | | | | |
| 29.0 | | | | | | |
| 30.0 | | | • | | | |
| 31.0 | | | | | | |
| 32.0 | | | | | | |
| 32.0 | | | | | | |
| 33.0 | | | | | | |
| 35.0 | | | | | | |
| 36.0 | | | | | | |
| 37.0 | | | | | | |
| 37.5 | | | | | | |
| 38.0 | | | | | | |
| 39.0 | | | | | | |
| 40.0 | | | | | | |
| | | | Collec | ted a Groundwater sample @ 17.0 feet | | |
| | | | 5 | Soil Boring Completed @ 25.0 feet | | |

| | | | TEST | BORI | NG LOG | 5 | | Boring No. | GP-9 |
|-----------------|--------------|---------------------------------|--------------------------|--------------|----------------|--------------------|---|-------------|------------|
| PROJE | ECT: Lo | oudon Plaza | | | | | | SHEET NO. | 1 of 1 |
| CLIEN | T: SI | ky Four LLC | | | | | | JOB NO. | 08.1023054 |
| DRILL | ING CON | TRACTOR: | Northeas | stern Enviro | nmental Tech | nnologies C | orporation | M.P. ELEV. | |
| PURPO | DSE: SI | ubsurface Inv | estigation | | | F | and a second state of the second s | GR. ELEV. | |
| DRILL | ING METI | HOD: Direc | t Push | | Soil Sample | GW Sample | Sample Method | DATUM | |
| DRILL | RIG: G | eoprobe 6620 | DDT | TYPE | Macro | Bailor | Sch40PVC | DATE START | 04/14/2009 |
| GROU | ND WATE | R LEVEL: | 16.97' | DIAM. | 2.0" | 0.75" | 1.0" | DATE FINISH | 04/14/2009 |
| MEASI | URING PT | Tep F | PVC | Sample | Yes | Yes | | DRILLER | R. Earl |
| DATE: | 04/16/20 | 09 Dealt | l lastifica al | Screen | | | 10.0' | INSPECTOR | R. Gray |
| Depth (feet) | Sample ID | Peak PID (ppm) bkg=0.0 | Soil Class. System | | GEOLO | GIC DES | CRIPTION | N | REMARKS |
| 1.0 | | | | Asphalt | | | | | R= 4.5' |
| 2.0 | S-1A | 0.9 | | Brc-fSa\$ | SC | | | (+/- 4.0") | No Odor |
| 25 | | | | Brown coa | rse to fine SA | ND and Sil | tv Clav | | |
| 2.0 | | | | | | | | | Drv |
| 3.0 | S-1B | 0.6 | | | | | | | , |
| 4.0 | 0-10 | 0.0 | | | | | | (+/- 4.5') | |
| 5.0 | | | <u>.</u> | brmisat |) | | | | |
| 6.0 | | | | Brown med | lium fine SAN | D and Silt | | | R= 3.0' |
| 7.0 | S-2A | 1.8 | | | | | | | No Odor |
| 7.5 | | | | | | | | | |
| 8.0 | | | | | | | | | Dry |
| 9.0 | S-2B | 1.5 | | | | | | | |
| 10.0 | | | | | | | | | |
| 11.0 | | | | Same as a | bove | | | | R= 3.0' |
| 12.0 | S-3A | 2.3 | | | | | | | No Odor |
| 12.0 | | | | | | | | | Damn |
| 12.5 | | | | | | | | | |
| 13.0 | | 0.5 | | | | | | | |
| 14.0 | S-3B | 2.5 | | | | | | | |
| 15.0 | | | | | | | | | |
| 16.0 | | | | | | | | : | R=4.0' |
| 17.0 | S-4A | 3.9 | | | | | | | No Odor |
| 17.5 | | | | Same as al | oove | | | | |
| 18.0 | | | | | | | | | WET |
| 10.0 | S-4B | 1.3 | | | | | | | |
| 19.0 | | | | | | | | | |
| 20.0 | | | Grou | ndwatara | omple colle | | 7 0 feet | | ····· |
| | | | Giou | | | | | | |
| | | | 2 | | Completed | າ ເ <u>ພ</u> 20.01 | eet | | |

| | | | | TEST | • E | BORI | NG LOG |) | | Boring No. | GP-10 |
|-----------------|-----------|-------|---------------------------------|--------------------------|-------------|-----------|--------------|-------------|------------------|-------------|-------------|
| PROJE | ECT: | Lou | don Plaza | | | | | | | SHEET NO. | 1 of 2 |
| CLIEN | т: | Sky | Four LLC | | | | | | | JOB NO. | 08.1023054 |
| DRILL | ING CO | ONTR | RACTOR: | Northea | ster | n Enviro | nmental Tech | nnologies C | orporation | M.P. ELEV. | |
| PURPO | DSE: | Sub | surface Inv | estigation | 1 | | | | | GR. ELEV. | |
| DRILL | NG MI | ETHC | D: Direct | t Push | | | Soil Sample | GW Sample | Sample Method | DATUM | |
| DRILL | RIG: | Geo | probe 6620 | DT | | TYPE | Large Bore | Bailor | Sch40PVC | DATE START | 04/14/2009 |
| GROU | ND WA | | LEVEL: | 16.60' | | DIAM. | 1.0" | 0.75" | 1.0" | DATE FINISH | 04/14/2009 |
| MEAS | JRING | PT.: | Top F | PVC | | Sample | Yes | Yes | | DRILLER | R. Earl |
| DATE: | 04/16 | /2005 | Pook | Unified | | Screen | | | 10.0' | INSPECTOR | R. Gray |
| Depth (feet) | Sam ID | ple | Peak PID (ppm) bkg=0.0 | Soil Class. System | | | GEOLO | GIC DES | CRIPTIO | N | REMARKS |
| 1.0 | | | | | Dr | ive to 15 | .0 feet | | | | |
| 2.0 | | | | | | | | | | | |
| 2.5 | | | | | | | | | | | |
| 3.0 | | ĺ | | | | | | | | | |
| 4.0 | | | | | | | | | | | |
| 5.0 | | | | | | | | | | | |
| 6.0 | | | | | | | | | | | |
| 7.0 | | | | | | | | | | | |
| 7.5 | | | | | | | | | | | 1. In |
| 8.0 | | | 9. | | | | | | | | |
| 9.0 | | | | | | | | | | | |
| 10.0 | | | | | | | | | | | |
| 11.0 | | | | | | | | | | | |
| 12.0 | | | | | | | | | | | |
| 12.5 | | | | | | | | | | | |
| 13.0 | | | | | | | | | | | |
| 14.0 | | | | | | | | | | | |
| 15.0 | | | | | | | | ▼ | | | |
| 16.0 | S-1 | | 3.4 | | Br | mfSa\$ | | | | | R= 1.8' |
| 17.0 | | | | | Bro | wn med | ium fine SAN | D and Silt | | | No Odor/WET |
| 17.5 | | | | | | | | | | | |
| 18.0 | | | | | Dri | ve to 20. | 0 feet | | | | |
| 19.0 | | | | | | | | | | | |
| 20.0 | | | | | | | | V | | | |
| i | | i | | Grou | nd | water sa | ample colle | cted @ 17 | 7.0 feet | | |
| | | | | S | Soil | Boring | Completed | @ 32.0 f | eet | | |
| | | | | | | | | | | | |

| | | | TEST | BORING LOG | Boring No. | GP-10 |
|-----------------|--------------|----------------------|-------------------------------------|---|------------|---------------|
| PROJE | CT: Lou | don Plaza | | | SHEET NO. | 2 of 2 |
| CLIEN | T: Sky | Four LLC | 1 | | JOB NO. | 08.1023054 |
| Depth (feet) | Sample ID | Peak PID (ppm) | Unified Soil Class. System | GEOLOGIC DESCRIPTION | I | REMARKS |
| 21.0 | | | | Br mf S a \$ | | R= 1.9' |
| 22.0 | S-2 | 5.8 | | Brown medium fine SAND and Silt | | WET/ No Odors |
| 22.5 | | | | | | |
| 23.0 | | | | Drive to 25.0 feet | | |
| 24.0 | | | | | | |
| 25.0 | | | | ▼ | | |
| 26.0 | S-3 | 2.8 | | Br mf S a \$ | | R= 1.9' |
| 27.0 | | | | Brown medium fine SAND and Silt | | WET/No Odors |
| 27.5 | | | | | | |
| 28.0 | | | | Drive to 30.0 feet | | |
| 29.0 | | | | | | |
| 30.0 | | | | | | |
| 31.0 | S-4 | 1.8 | | Gr c-f S a \$C, I f G | | R= 1.9' |
| 32.0 | | | | Gray coarse to fine SAND and Silty Clay, little fin | ne Gravel | Dry/No Odors |
| 32.5 | | | | End of Soil Boring @ 32.0 Feet | | |
| 33.0 | | | | | | |
| 34.0 | | | | | | |
| 35.0 | | | | | | |
| 36.0 | | | | | | |
| 37.0 | | | | | | |
| 37.5 | | | | | | |
| 38.0 | | | | | | |
| 39.0 | | | | | | |
| 40.0 | | | 0-11 | | 1 | |
| | | | Collec | Soil Boring Completed @ 32.0 feet | | 0 /AL |
| | | | | | | |
| PROJECT: Loudon Plaza SHEET NO. 1 of 2 CLENT: Sky Four LLC JOB NO. 08 1020364 PURPOSE: Substrated investigation GR. ELEV. | | | | TEST | BORI | NG LOG | ; | | Boring No. | GP-11 | |
|--|-----------------|------------------|---------------------------------|--------------------------|---|----------------|--|------------------|---------------|------------|--|
| CLIENT: Sky Four LLC JOB NO. 08.1023054 DRILLING CONTRACTOR: Northeastern Environmental Technologies Corporation MP. ELEV. | PROJE | ECT: Lou | don Plaza | | | | | | SHEET NO. | 1 of 2 | |
| DRILLING CONTRACTOR: Northeastern Environmental Technologies Corporation N.P. ELEV. | CLIEN | T: Sky | Four LLC | | | | | | JOB NO. | 08.1023054 | |
| PURPOSE: Subsurface Investigation GR. ELEV. DRILLING METHOD: Direct Push Soil Sample Smiths Soil Sample Smiths Method DATUM DRILLING METHOD: Direct Push TYPE Macro Balio Sch40PVC DATE START 04/15/2009 MEASURING PT: TO PVC Sample Yes DATE FINISH 04/15/2009 Datte: 04/16/2009 Scireen 10.0'' INSPECTOR R. Gay Depth Sample Peak Unified GEOLOGIC DESCRIPTION REMARKS 1.0 Class Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor 5.0 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor 5.0 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor 5.0 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor 5.0 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor 5.0 Same as above R=4.0'' No Odor 10.0 Same | DRILLI | NG CONTR | RACTOR: | Northeas | stern Enviro | nmental Tecl | nologies C | orporation | M.P. ELEV. | | |
| DRILLING METHOD: Direct Push Soil Sample Sample Datumethod Dat | PURPC | DSE: Sub | surface Inv | estigation | and the second se | | Hernord and Hernord Market Market Market | | GR. ELEV. | | |
| DRILL RIG: Geoprobe 66200T TYPE Macro Bailor Sch40PVC (DATE START 0d/15/2009 GROUND WATER LEVEL: 17.71 DIAM. 2.0° 0.75° 1.0° DATE FINISH 0d/15/2009 MEASURING PT: Top PVC Sample Yes DRILLER R. Earl DATE: 04/16/2009 Screen 10.0' INSPECTOR R. Gray Depth Sample Peak Unified GEOLOGIC DESCRIPTION REMARKS 1.0 Ling of the start of t | DRILLI | NG METHO | D: Direc | t Push | | Soil Sample | GW Sample | Sample Method | DATUM | | |
| GROUND WATER LEVEL: 17.71 DIAME: 2.0° 0.75° 1.0° DATE: FINISH 0.4/15/2009 MEASURING PT:: Top PVC Sample Yes DILLER R. Earl Date: 0.4/16/2009 Sigreen 10.0° INSPECTOR R. Earl Depth Sample Peak Unified GEOLOGIC DESCRIPTION REMARKS 1.0 (reet) ID Class. GEOLOGIC DESCRIPTION REMARKS 1.0 Sample PiD Soil GEOLOGIC DESCRIPTION Re4.0° 2.0 S-1A 2.0 Br of S a \$.0 ff G Re4.0° No Odor 2.5 Br of S a \$.1f G (i+ 5.5) R=3.0° No Odor 5.0 Br own medium fine SAND and Silty Clay. trace fine Gravel No Odor No Odor 7.5 Br own medium fine SAND and Silty Clay. trace fine Gravel No Odor 11.0 Same as above R=4.0° No Odor 12.0 S-3A 2.8 < | DRILL | RIG: Geo | probe 6620 | DT | TYPE | Macro | Bailor | Sch40PVC | DATE START | 04/15/2009 | |
| MEASURING PT: Top PVC Sample Yes Yes John Her DRILLER R. Earl DATE: 04/16/2009 Serven 10.0' INSPECTOR R. Gray Depth Sample PEak Unified GEOLOGIC DESCRIPTION REMARKS 1.0 Depth Sample PiD Soil GEOLOGIC DESCRIPTION REMARKS 1.0 S-1A 2.0 Br mf S a \$C, tf G R=4.0' No Odor 2.5 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor 3.0 S-1B 1.0 Brown coarse to fine SAND and Silty Clay, trace fine Gravel No Odor 5.0 Br mf S a \$C, tf G (+-55) R=3.0' No Odor 7.5 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor Dry 9.0 S-2B 0.8 Br mf S a \$C, tf G Province (+-160) No Odor 11.0 Brown medium fine SAND and Silty Clay (+-160) No Odor Dry 12.5 Br mf S a \$ Province (+-160) Septic Odor 13.0 | GROU | ND WATER | LEVEL: | 17.71' | DIAM. | 2.0" | 0.75" | 1.0" | DATE FINISH | 04/15/2009 | |
| DATE: 04/16/2009 Peak Unified Soil (reet) ID (ppm) Class big=0.0 System Class big=0.0 System PiD (ppm) Class big=0.0 System PiD (class big=0.0 Sig=0.0 S) PiD (class big=0.0 Sig=0.0 Sig=0.0 S) PiD (class big=0.0 Sig=0.0 S) PiD (class big=0.0 Sig=0.0 Sig=0.0 S) PiD (class big=0.0 Sig=0.0 S | MEASL | JRING PT.: | Top F | PVC | Sample | Yes | Yes | | DRILLER | R. Earl | |
| Depth (feet) Sample ID Peak (ppm) bkg=0.0 Soil Soil Class. GEOLOGIC DESCRIPTION REMARKS 1.0 S.1A 2.0 Br mf S a \$C, tf G R=4.0' No Odor 2.0 S-1A 2.0 Br of S a \$, tf G (+2.5') No Odor 3.0 S-1B 1.0 Br of S a \$, tf G (+2.5') Dry 3.0 S-1B 1.0 Br of S a \$, tf G (+2.5') Dry 5.0 Brown coarse to fine SAND and Silty Clay, trace fine Gravel No Odor No Odor 5.0 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor No Odor 7.5 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor No Odor 7.5 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor No Odor 7.5 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor Dry 10.0 S-3A 2.8 Same as above R=4.0' No Odor 12.0 S-3A 2.8 Grav medium fine SAND and Silty Clay (+f-140') Septic Odor | DATE: | 04/16/2009 | Deek | l lucifica d | Screen | | | 10.0' | INSPECTOR | R. Gray | |
| 1.0 S-1A 2.0 S-1A 2.0 Br mf S a \$C, tf G R=4.0' No Odor 2.5 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor 3.0 S-1B 1.0 Br of S a \$, tf G (*/-23) Dry 5.0 Brown coarse to fine SAND and Silt, trace fine Gravel Dry R=3.0' No Odor 5.0 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor No Odor 7.0 S-2A 1.3 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor 7.5 Brown medium fine SAND and Silty Clay, trace fine Gravel Dry No Odor 9.0 S-2B 0.8 Same as above R=4.0' No Odor 11.0 S-3A 2.8 Same as above R=4.0' No Odor 12.0 S-3A 2.8 Gray medium fine SAND and Silty Clay (*f-140) Septic Odor 13.0 S-3G 5.0 Gray medium fine SAND and Silty Clay (*f-15.0) R=3.1' 14.0 S-4A 6.2 Brown medium fine SAND and Silty Clay (*f-15.0) R=3.1' 17.0 S-4A </td <td>Depth (feet)</td> <td>Sample ID</td> <td>Peak PID (ppm) bkg=0.0</td> <td>Soil Class. System</td> <td></td> <td>GEOLO</td> <td>GIC DES</td> <td>CRIPTION</td> <td>N</td> <td>REMARKS</td> | Depth (feet) | Sample ID | Peak PID (ppm) bkg=0.0 | Soil Class. System | | GEOLO | GIC DES | CRIPTION | N | REMARKS | |
| 2.0 S-1A 2.0 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor 2.5 - | 1.0 | | | | Br mf S a \$ | SC, tfG | | | | R=4.0' | |
| 2.5 Br of S a \$, tf G (+-25) Dry 3.0 Br of S a \$, tf G (+-25) Dry 6.0 Br mf S a \$C, tf G (+-5.5) R=3.0' 7.0 S-2A 1.3 Br mf S a \$C, tf G (+-5.5) R=3.0' 7.5 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor 7.5 Dry Dry 9.0 S-2B 0.8 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor 11.0 Dry Dry 12.5 Brown medium fine SAND and Silty Clay (+-14.0') 12.0 S-3A 2.8 Brown medium fine SAND and Silty Clay (+-14.0') 12.5 Moist Septic Odor 13.0 Br mf S a \$ R=3.1' 17.0 S-4A 6.2 Brown medium fine SAND and Silty Clay (+-14.0') | 2.0 | S-1A | 2.0 | | Brown med | lium fine SAI | ND and Silty | Clay, trace | e fine Gravel | No Odor | |
| 3.0 S-1B 1.0 Br cf S a \$, tf G (+-25) Dry 5.0 9 Brown coarse to fine SAND and Silt, trace fine Gravel R=3.0' 6.0 S-2A 1.3 Br mf S a \$C, tf G (+-25.5) R=3.0' 7.5 S-2A 1.3 Br mf S a \$C, tf G (+-25.5) R=3.0' No Odor 7.5 Brown medium fine SAND and Silty Clay, trace fine Gravel Dry No Odor Dry 9.0 S-2B 0.8 Same as above R=4.0' No Odor 11.0 S-3A 2.8 Same as above R=4.0' No Odor 12.5 - - Br mf S a \$ Moist Septic Odor 13.0 - - Br mf S a \$ Septic Odor Septic Odor 16.0 S-3A 6.2 Br mf S a \$ R=3.1' No Odor 17.5 Brown medium fine SAND and Silty Clay (+F. 15.0) R=3.1' No Odor 17.5 Brown medium fine SAND and Silty WET No Odor R=3.1' 18.0 S-4B 3.7 Same as above WET WET | 2.5 | | | | | | | | | | |
| 4.0 S-1B 1.0 Brown coarse to fine SAND and Silt, trace fine Gravel 5.0 Br mf S a \$C, tf G (+/- 5.5) R=3.0' 6.0 Br mf S a \$C, tf G (+/- 5.5) R=3.0' 7.0 S-2A 1.3 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor 7.5 Dry Dry Dry 9.0 S-2B 0.8 R=4.0' No Odor 10.0 Same as above R=4.0' No Odor 12.0 S-3A 2.8 Same as above R=4.0' No Odor 12.5 Moist Septic Odor 13.0 Moist Septic Odor 16.0 Brown medium fine SAND and Silty Clay (+/- 15.0) R=3.1' 17.0 S-4A 6.2 Brown medium fine SAND and Silt No Odor 17.5 Same as above WET 18.0 | 3.0 | | | | Brc-fSa\$ | 5,tfG | | | (+/- 2.5') | Dry | |
| 5.0 | 4.0 | S-1B | 1.0 | | Brown coa | rse to fine SA | ND and Sill | t, trace fine | Gravel | | |
| 6.0 S-2A 1.3 Br mf S a \$C, tf G (+i-5.5) R=3.0' 7.5 S-2A 1.3 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor 7.5 Dry Dry Dry Dry Dry 8.0 S-2B 0.8 R=4.0' No Odor 10.0 S-3A 2.8 R=4.0' No Odor 12.0 S-3A 2.8 R=4.0' No Odor 13.0 Arrow of the start of | 5.0 | | | | | | | | | | |
| T.0 S-2A 1.3 Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor 7.5 | 6.0 | | | | BrmfSa\$ | 6C,tfG | | | (+/- 5.5') | R=3.0' | |
| 7.5 | 7.0 | S-2A | 1.3 | | Brown medium fine SAND and Silty Clay, trace fine Gravel No Odor | | | | | | |
| 1.0 0.0 S-2B 0.8 0.9 Dry 9.0 S-2B 0.8 0.8 0.9 <td< td=""><td>7.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | 7.5 | | | | | | | | | | |
| 9.0 S-2B 0.8 | 8.0 | | | | | Dry | | | | | |
| 3.0 10.0 11.0 11.0 R=4.0' 11.0 12.0 S-3A 2.8 No Odor 12.5 12.5 12.5 Damp 13.0 14.0 S-3B 4.7 Moist 15.0 S-3C 5.0 Gray medium fine SAND and Silty Clay (+i- 14.0) 16.0 11.0 Br mf S a \$ Br mf S a \$ R=3.1' 17.0 S-4A 6.2 Brown medium fine SAND and Silty No Odor 17.5 18.0 S-4B 3.7 Same as above WET 19.0 S-4B 3.7 Same as above WET Soli Boring Completed @ 19.0 feet | 0.0 | S-2B | 0.8 | | | | | | | | |
| 11.0 A | 10.0 | | | | | | | | | | |
| 11.0 S-3A 2.8 No Odor 12.5 | 11.0 | | | | Same as a | bove | | | | R=4.0' | |
| 12.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 12.0 | S-3A | 28 | | | | | | | | |
| 12.5 Image: constraint of the second state of the second sta | 12.0 | 0 0.1 | 2.0 | | | | | | | Damn | |
| 13.0 14.0 S-3B 4.7 Moist 15.0 S-3C 5.0 Gray medium fine SAND and Silty Clay (+/- 14.0) Septic Odor 16.0 Br mf S a \$ (+/- 15.0) R=3.1' No Odor 17.0 S-4A 6.2 Brown medium fine SAND and Silt No Odor 17.5 Brown medium fine SAND and Silt WET No Odor 18.0 S-4B 3.7 Same as above WET Groundwater sample collected @ 19.0 feet Soil Boring Completed @ 25.0 feet | 12.5 | | | | | | | | | Damp | |
| 14.03-354.7Moist15.0S-3C5.0Gray medium fine SAND and Silty Clay(+7-14.0)Septic Odor16.0Br mf S a \$(+7-15.0)R=3.1'R=3.1'17.0S-4A6.2Brown medium fine SAND and SiltNo Odor17.5Brown medium fine SAND and SiltWET19.0S-4B3.7Same as aboveWETGroundwater sample collected @ 19.0 feetSoil Boring Completed @ 25.0 feet | 13.0 | C 3D | A 7 | | | | | | | Moist | |
| 15.0 3-50 5.0 Gray medium mile SAND and Sity Clay Septic Odor 16.0 17.0 S-4A 6.2 Br mf S a \$ R=3.1' 17.0 S-4A 6.2 Brown medium fine SAND and Silt No Odor 17.5 18.0 S-4B 3.7 Same as above WET 20.0 Groundwater sample collected @ 19.0 feet | 14.0 | 0-00 S 20 | | | Gray madi | | | | (+/- 14.0') | NUISL | |
| 16.0 Image: Second se | 15.0 | 3-30 | 5.0 | | | | | <u></u> | (+/- 15.0') | | |
| 17.0 S-4A 6.2 Brown medium tine SAND and Silt No Odor 17.5 18.0 S-4B 3.7 Same as above WET 20.0 Groundwater sample collected @ 19.0 feet Soil Boring Completed @ 25.0 feet | 16.0 | 0.41 | | | ormisa\$ | | | | - , | R=3.1 | |
| 17.5 | 17.0 | 5-4A | 6.2 | | Brown med | ium tine SAN | ND and Silt | | | No Odor | |
| 18.0 S-4B 3.7 Same as above 20.0 Groundwater sample collected @ 19.0 feet Soil Boring Completed @ 25.0 feet | 17.5 | | | | | | | | | | |
| 19.0 S-4B 3.7 Same as above 20.0 Groundwater sample collected @ 19.0 feet Soil Boring Completed @ 25.0 feet | 18.0 | | | | | | | | | WET | |
| 20.0 Groundwater sample collected @ 19.0 feet Soil Boring Completed @ 25.0 feet | 19.0 | S-4B | 3.7 | | Same as al | oove | | | | | |
| Groundwater sample collected @ 19.0 feet Soil Boring Completed @ 25.0 feet | 20.0 | | | | | | | | | | |
| Soil Boring Completed @ 25.0 feet | | | | Grou | indwater s | ample colle | ected @ 19 | 9.0 feet | | | |
| | | | | S | Soil Boring | Completed | d @ 25.0 f | eet | | | |

 Shipping Address:
 1476 Route 50 Ballston Spa, NY 12020
 (518) 884-8545 - Phone

 Mailing Address:
 P.O. Box 2167 Ballston Spa, NY 12020
 (518) 884-9710 - Fax

| | | | TEST | BORING LOG | Boring No. | GP-11 |
|-----------------|---------------|----------------------|-------------------------------------|--------------------------------------|------------|------------|
| PROJE | CT: Loud | don Plaza | | | SHEET NO. | 2 of 2 |
| CLIEN | Г: Sky | Four LLC | | | JOB NO. | 08.1023054 |
| Depth (feet) | Sample ID | Peak PID (ppm) | Unified Soil Class. System | GEOLOGIC DESCRIPTION | 1 | REMARKS |
| 21.0 | | | r | Br mf S a \$ | | R= 4.0' |
| 22.0 | S-5A | 6.0 | | Brown medium fine SAND and Silt | | WET |
| 22.5 | | | | | | No Odors |
| 23.0 | 1 | | | Same as above | | |
| 24.0 | S-5B | 4.2 | | | | |
| 25.0 | | | | | | |
| 26.0 | | | | End of Soil Boring at 25.0 feet | | |
| 27.0 | | | | | | |
| 27.5 | | | | | | |
| 28.0 | | | | | | |
| 29.0 | - | | | | | |
| 30.0 | | | | | | |
| 31.0 | | | | | | |
| 32.0 | | | | | | |
| 32.0 | | | | | | |
| 34.0 | | | : | | | |
| 35.0 | | | | | | |
| 36.0 | | | | | | |
| 37.0 | | | | | | |
| 37.5 | | | | | | |
| 38.0 | | | | | | |
| 39.0 | | | | | | |
| 40.0 | | | | | | |
| | | | Collec | ted a Groundwater sample @ 17.0 feet | | |
| | | | S | Soil Boring Completed @ 25.0 feet | | |

 Shipping Address:
 1476 Route 50 Ballston Spa, NY 12020
 (518) 884-8545 - Phone

 Mailing Address:
 P.O. Box 2167 Ballston Spa, NY 12020
 (518) 884-9710 - Fax

Appendix **B**

Well Completion Logs





Malta, NY 12020

Mailing Address: P.O. Box 2167

(518) 884-9710 - Fax



Malta, NY 12020

(518) 884-9710 - Fax



Mailing Address: P.O. Box 2167 Malta, NY 12020



Malta, NY 12020

Mailing Address: P.O. Box 2167



Malta, NY 12020

Mailing Address:

P.O. Box 2167



Malta, NY 12020

Mailing Address: P.O. Box 2167

APPENDIX C

SOIL GAS ANALYSIS



Field GC Raw Data



FIELD GC SOIL QUALITY SUMMARY TABLE

Loudon Plaza

Sampled on April 12, 14 & 15, 2009

| C | D _ | £ |
|---|------------|---|
| | | υ |

| 01 0 | | | | | |
|-----------|------------|-----------|-----------------------------|--------------------------|----------------------------------|
| | | | Actual Concentra | ation Field GC - | parts per billion (ppb) |
| Sample ID | Depth | PID (ppm) | Tetrachloroethene (PERC) | Trichloroethene (TCE) | cis-1,2,-Dichloroethene (DCE) |
| S-1A | 0 - 2.5' | 1.2 | ND | ND | ND |
| S-1B | 2.5 - 5' | 1.1 | ND | ND | ND |
| S-2A | 5 - 7.5' | 1.6 | ND | ND | ND |
| S-2B | 7.5 - 10' | 1,2 | ND | ND | ND |
| S-3A | 10 - 12.5' | 1.6 | ND | ND | ND |
| S-3B | 12.5 - 15' | 1.9 | ND | ND | ND |
| S-4A | 15 - 17.5' | 1.5 | ND | ND | ND |
| S-4B | 17.5 - 20' | 2.0 | ND | ND | ND |

| | | | Actual Concentra | tion Field GC - | parts per billion (ppb) |
|-----------|------------|-----------|-----------------------------|--------------------------|----------------------------------|
| Sample ID | Depth | PID (ppm) | Tetrachloroethene (PERC) | Trichloroethene (TCE) | cis-1,2,-Dichloroethene (DCE) |
| S-1A | 0 - 2.5' | 3.1 | ND | ND | ND |
| S-1B | 2.5 - 5' | 3.8 | ND | ND | ND |
| S-2A | 5 - 7.5' | 2.5 | ND | ND | ND |
| S-2B | 7.5 - 10' | 2.1 | ND | ND | ND |
| S-3A | 10 - 12.5' | 2.3 | ND | ND | ND |
| S-3B | 12.5 - 15' | 5.7 | ND | ND | ND |
| S-4A | 15 - 17.5' | 4.2 | ND | ND | ND |
| S-4B | 17.5 - 20' | 2.2 | ND | ND | ND |

GP-8

| | | | Actual Concentre | ition Field GC - | parts per billion (ppb) |
|-------------|------------|-----------|-----------------------------|--------------------------|----------------------------------|
| Sample ID | Depth | PID (ppm) | Tetrachloroethene (PERC) | Trichloroethene (TCE) | cis-1,2,-Dichloroethene (DCE) |
| S-1A | 0 - 2.5' | 1.3 | ND | ND | ND |
| S-1B | 2.5 - 5' | 1.4 | 4.5 | ND | ND |
| S-2A | 5 - 7.5' | 2.0 | ND | ND | ND |
| S-2B | 7.5 - 10' | 1.8 | ND | ND | ND |
| S-3A | 10 - 12.5' | 3.0 | ND | ND | ND |
| S-3A Re-Run | 10 - 12.5' | 3.0 | 61.73 | ND | ND |
| S-3B | 12.5 - 15 | 4.7 | ND | ND | ND |
| S-3B Re-Run | 12.5 - 15' | 4.7 | 27.69 | ND | ND |
| S-4A | 15 - 17.5' | 1.0 | 18.60 | ND | ND |
| S-48 | 17.5 - 20' | 8.8 | ND | 7.95 | 20.37 |
| S-5A | 20 - 22.5' | 0.8 | ND | ND | ND |
| S-5B | 22.5 - 25' | 1.4 | ND | ND | ND |

| GP-9 | | | | | | | |
|-----------|------------|-----------|---|--------------------------|----------------------------------|--|--|
| | | | Actual Concentration Field GC - parts per billion (ppb) | | | | |
| Sample ID | Depth | PID (ppm) | Tetrachloroethene (PERC) | Trichloroethene (TCE) | cis-1,2,-Dichloroethene (DCE) | | |
| S-1A | 0 - 2.5' | 0.9 | ND | ND | ND | | |
| S-1B | 2.5 - 5' | 0.6 | ND | ND | ND | | |
| S-2A | 5 - 7.5' | 1.8 | ND | ND | ND | | |
| S-2B | 7.5 - 10' | 1.5 | ND | ND | ND | | |
| S-3A | 10 - 12.5' | 2.3 | ND | ND | ND | | |
| S-3B | 12.5 - 15' | 2.5 | ND | ND | ND | | |
| S-4A | 15 - 17.5' | 3.9 | ND | ND | ND | | |
| S-4B | 17.5 - 20' | 1.3 | ND | ND | ND | | |

GP-10

| | | | Actual Concentra | tion Field GC - | parts per billion (ppb) |
|------------|----------|-----------|-----------------------------|--------------------------|----------------------------------|
| Sample ID | Depth | PID (ppm) | Tetrachloroethene (PERC) | Trichloroethene (TCE) | cis-1,2,-Dichloroethene (DCE) |
| S-1 | 15 - 17' | 3.4 | 12.81 | ND | ND |
| S-2 | 20 - 22' | 5.8 | 12.25 | ND | ND |
| S-3 | 25 - 27' | 2.8 | ND | ND | ND |
| S-3 Re-Run | 25 - 27' | 2.8 | ND | ND | ND |
| S-4 | 30 - 32' | 1.8 | ND | ND | ND |

Notes: ND = Non Datect bkg = 0.0 ppm NA = Not Analyzed

GP-11

| | Depth | | Actual Concentration Field GC - parts per billion (ppb) | | | | |
|-----------|------------|-----------|---|--------------------------|----------------------------------|--|--|
| Sample ID | | PID (ppm) | Tetrachloroethene (PERC) | Trichlaroethene (TCE) | cis-1.2,-Dichloroethene (DCE) | | |
| S-1A | 0 - 2.5 | 2.0 | ND | ND | ND | | |
| S-1B | 2.5 - 5' | 1.0 | ND | ND | ND | | |
| S-2A | 5 - 7.5' | 1.3 | ND | ND | ND | | |
| S-2B | 7.5 - 10' | 0.8 | ND | ND | ND | | |
| S-3A | 10 - 12.5' | 2.8 | ND | ND | ND | | |
| S-3B | 12.5 - 14' | 4.7 | ND | ND | ND | | |
| S-3C | 14 - 15' | 5.0 | ND | ND | ND | | |
| S-4A | 15 - 17.5' | 6.2 | ND | ND | ND | | |
| S-4B | 17.5 - 20' | 3.7 | 10.49 | ND | ND | | |
| S-5A | 20 - 22.5' | 6.0 | 8.77 | ND | ND | | |
| S-5B | 22.5 - 25' | 4.2 | 1,59 | ND | ND | | |

GP-7







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| D: perc |
| STOP 4 123.5 SMIPLE LIBRART 1 APR 13 2003 15:33 RMNLTSIS 2 3 LOUDON PLASA INTERNAL TEMP 23 GP-8 5-18 GAIN 19 250 MICROLITERS |
| COMPDUND NAME PERK R.T. AREA/PPM |
| UNKNOWN 1 49.3 1.8 US PERC 2 374.7 0.501 PPB |
| L Detection limit 2 5 ppb |
| PHOTOVAC |
| START |
| GP-8 ** 5-3A |
| need to re-rule |
| STUP 8 432,7 Satifice Liberati 1 Apr 13 20039 17:26 NALTSIS 8 29 LOUDON PLAZA INTERNAL TEMP 25 GP-8 S-3A GAIN 19 258 MICROLITERS |
| CONPOLIND NAME PEAK R.T. AREA/PPN |
| UNKNOWN 2 58,3 1.3 US UNKNOWN 4 178,7 813,5 mUS |

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| STOP 9 412.0 SAMPLE LIBRART 1 APR 13 2003 17:11 | |
| ANALISIS # 27 LOUDON PLAZA INTERNAL IEMP 26 GP-8 5-24 | |
| COMPOLINO NAME PEAK R.T. AREA/PEN | |
| UNKNOWN 1 53.5 1.7 US | |
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| STOP 9 630.9 | |
| SAMPLE LIBRART 1 APR 14 2003 14:55 ANALISIS # 19 LOLDON PLAZA | |
| Internal Temp 24 GP-8 S-3A-RE-RUN Gain 18 250 Microl Iters | |
| COMPOUND NAME PEAK R.T. AREA/PPH | |
| UNKNOWN 2 71 3 200 0 | |
| PERC 4 363.5 81.73 PPB | |
| PERC 4 303.5 81.73 PPB ETHTLBENZENE 3 493.2 35.31 PPB | |
| РЕКС 1 363,5 61,23 FPB ЕТНИТЪВЕНИЕНЕ 3 433,2 35,31 FPB | |
| PERE 1 303.5 81.23 PPB ETHTLBENZENE 3 433.2 33.31 PPB | |
| PERE 1 363.5 61.23 PTB ETHTLBENZENE 3 433.2 33.31 PTB PHOTOVAC | |
| PERE 1 303.5 202.5 MOS THILBENZENE 3 433.2 35.31 PPB PHOTOVAC STORT * 1 * 2 * 3 | |
| PERE 4 30.5 61.73 PPB ETHTLBENZENE 3 433.2 33.31 PPB PHOTOVAC STORT # 1 # 2 # 3 | |
| PERC 1 303.5 81.23 PTB ETHTLBENZENE 3 433.2 35.31 PTB PHOTOVAC STORT * 1 * 2 * 3 | |
| PERE 4 30.5 61.73 PPB ETHTLBENZENE 3 433.2 33.31 PPB PHOTOVAC STORT * 1 * 2 * 3 | |
| PERC 1 303.5 81.23 PTB ETHTLBENZENE 3 433.2 33.31 PTB PHOTOVAC STORT * 1 * 2 * 3 | |
| PERC 1 963.5 81.23 PTB ETHYLBENZENE 3 433.2 35.31 PTB STQRT 1 7 2 7 3 7 3 | |
| PERE 1 303.5 81.23 PTB ETHTLBENZENE 3 433.2 33.31 PTB PHOTOVAC STORT * 1 * 2 * 3 * 4 * 5 | |
| PERE 1 30.3 58.23 PTB ETHTLBENZENE 3 433.2 35.31 PTB PHOTOVAC STORT * 1 * 2 * 3 * 4 * 3 * 4 * 3 | |
| PERE | |
| PERC 1 303.5 81.23 PFB ETHTLBENZENE 3 433.2 33.31 PFB PHOTOVAC STOP # # 1 * 2 * 1 * 2 * 1 * 2 * 3 STOP # GBB,0 SMIPLE LIERNET 1 APR 14 2003 INTERNET LIERT 2 OLDDON PLAZA INTERNET LIERT 2 | |
| PERC + 393,3 81,23 PFB ETHTLBENZENE 3 433,2 35,31 PFB ETHTLBENZENE 3 433,2 35,31 PFB PHOTOVAC START + 1 + 2 + 3 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 | |
| PERC + 303,5 81.23 PFB ETHTLBENZENE 3 433.2 33.31 PFB ETHTLBENZENE 3 433.2 33.31 PFB PHOTOVAC STORT * 1 * 2 * 3 * 3 * 3 * 4 * 3 * 4 * 3 * 4 * 5 STOP # GB9,6 SMPLE LIBRART 1 APR 14 2003 15:10 ANALYSIS # 20 LOUDON PLAZA INTERNAL TEITP 25 GP-8 S-30-RE-RUN ANALYSIS # 20 LOUDON PLAZA INTERNAL TEITP 25 GP-8 S-30-RE-RUN INTERNAL TEITP 25 GP-8 S-30-RE-RUN 10 259 PICADLI TERS CONPOLING NORE PEAK R.T. AREB/PED | |





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| ANALYSIS # 31 LOUDON PLATA |
| INTERNAL TEMP 25 GP-8 S-5A |
| GAIN 10 250 MICROLITERS |
| COMPOUND NAME PEAK R.T. AREA/PPM |
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| UNKNOUN 1 10.4 970.1 mus |
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| COMPOUND NAME PEAK R.T. AREA/PPM |
| UNKNDWN 1 59.5 1.4 US |



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| STOP 4 500.0 SAMPLE LEADER 1 APR 14 7000 11150 |
| ANALYSIS # 8 LOUDON PLAZA INTERNAL TEMP 24 GP-9 S-2A |
| GAIN 10 250 MICROLITERS |
| UNKNOWN 1 36.0 2.3 US |
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| STOP 9 472.8 |
| ANALYSIS # 11 LOUDON PLAZA INTERNAL TEMP 24 GP-9 5-38 |
| COMPOLINO NAME PEAK R.T. AREA/PPM |
| LINKNOWN 1 38.2 1.7 US |
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| STOP & SDO,0 SAMPLE LIBRARY 1 APR 14 2009 11:18 ANALYSIS # 4 100000 PLATA |
| INTERNAL TEMP 22 GP-3 S-48 GAIN 10 230 MICROLITERS |
| СОМРОШНО НАПЕ РЕАК В.Т. АВЕЛ/РМ |
| UNKNOUN 1 36.9 1.5 US |

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| STOP # 441.3 |
| SAMPLE LIBRARY 1 APR 14 2009 16: 7 |
| ANALISIS # 3 LOUDON PLATA |
| INTERNAL TEMP 21 SP-11 S-3C |
| GAIN 10 258 MICROLITERS |
| COMPOUND NAME PEAK R.I. AREA/PPN |
| UNKNOWN 1 38.2 456.7 mus |

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| SATTLE LIBRART 1 APR 14 2003 15:55 |
| ANALISIS # 2 LOUDON PLAZA |
| GALN 10 250 MICROLITERS |
| COMPOLING NAME PEAK R.T. AREA/PPM |
| UNKNOWN 1 39.7 525.3 MUS FERC 3 383.1 1.565 PPp |

Field GC Standards







| Carleketer sum | ·* |
|--|--|
| SAMPLE LIBRARY 1 ANALTSIS # 21 INTERNAL TEMP 25 GAIN 19 | APR 13 2009 18:16 Loudon Flata TEC-Standard 250 microliters |
| COMPOUND NAME P | EAK R.J. AREA/PPN |
| UNKNOWN | 2 44,5 585,2 mUS |
| | |

| PHO | TOVAC |
|-------------------------------------|---|
| | ID # R.T. LINIT |
| FERC | 1 333.3 9.999 PF5 2 152.8 9.998 PF5 |
| BENTENE | 4 103.3 0.000 PP5 5 243.3 0.000 PP5 |
| etenteene N-P Xylene D-Xylene | 6 515.8 8.800 FT5 7 585.9 8.800 FT5 8 783.8 8.998 FT5 |

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| STOP 9 SNTPLE LI ANALTSIS INTERNAL GAIN | 318.0 BRART 1 APR 13 2003 13:53 # 20 LOUDON PLACA TEMP 25 TEC-STANDARD 10 250 MICROLITERS |
| | NAME PEAK R.T. AREA/PPM |
| TCE | 1 43.9 214.8 MUS 3 160.7 2.405 PPR |
| - | |
| | OTOVAC |
| FERC TCE CIS-DCE BENRENE TDLLINE ETHTLBENREN H-P XTLENE D-XTLENE | 1 363.3 5.000 FPB 2 147.3 5.800 FPB 3 67.1 5.000 FPB 4 35.8 6.000 FPB 5 226.5 5.000 FPB 5 435.1 6.000 FPB 6 435.1 6.000 FPB 7 335.6 6.000 FPB 9 633.1 5.800 FPB |
| <u>Start</u> | |
| 3 STOP 8 228 SATTLE LIBRA ANALYSIS # INTERNAL TEXP | 371 AFR 13 2003 17:50 32 LOUDOR FLAZA 28 STANDARD |
| COMPOLIND NAME | 19 239 MICROLITERS |
| UNKNDUN TOLUNE | 1 68.3 470.0 mus 3 230.1 24.21 Pps |
| | TOVAC |
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| STOP 8 SOOLO SAMPLE LIBRART 1 ANALTSIS 4 33 INTERNAL TEMP 25 GAIN / 10 | APR 13 2009 18:0 LOLDON PLAZA STANDARD 250 MICKOL ITERS |
| COMPOUND NAME F | PEAK R.T. AREAZEPH |
| LINKNI) UN | 1 97.3 957.5 (2). 3 814.3 1.3 91 |

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| PHOTOUAC |
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| 500 9 228.8 |
| SAMPLE LIBRARY I APR 13 2009 15:13 MARITSIS 21 LOUDON PLAZA INTERNAL TEMP 25 TEC-STANDARD GAIN 12 230 FICKOLITEKS |
| СОПРОЦИО NAME РЕАК R.T. АВЕА/РРЛ ЦИКНОЦИ 2 44.3 585.2 мUS ТСЕ 4 162.8 52.51 рер |
| |
| PHOTOVAC |
| start OR |
| STOP # 138.5 SAMPLE LIBRART 1 APR 13 2009 16:58 ANALYSIS # 28 LOUDON FLAZA INTERNAL TEIT 22 STANDARD |
| GAIN 19 250 MICROLITERS COMPOLIND NAME PEAK R.T. AREA/PPM UNKNOWN L 93,0 574,2 mils |
| 1CE 3 138.5 38.55 772 V |
| |
| PHOTOVAC |
| VALIGRAYED JEAN D.YOE SAMPLE LIBRARY 1 APR 13 2005 17:2 ANALYSIS 3 26 LOUDON PLATA INTERNAL TEMP 25 STANDARD GAIN |
| UNKNOUN 1 93.8 574.2 mus |
| 4 1 38,5 %0,06 //25 |
| |
| PHOTOUAC |
| PERC I 364.4 9.000 PTB ICE 2 136.5 0.000 PTB CLSPOCE 3 86.9 0.000 PTB BENZENE 4 105.6 0.000 PTB TOLUME 5 203.7 0.000 PTB |
| CI-P XTLENE 7 367.8 8.200 PPB D-XTLENE 8 676.6 8.000 PPB |



COMPOUND NAME PEAK R.T. AREA/PPM

| START | PHO | T(| | AC | |
|--|-----------------|----------|---------|--------------|-------|
| * 1 * 2 * 3 STDP # 500.0 SATFLE LIBRART 1 APR 14 2003 11: 2 ANALYSIS # 3 LOUDON FLAZA INTERNAL TETHP 22 BTEX STANDARD GRIN 19 250 HICROLITERS CONFOUND NAME PEAK R.T. AREA/PPH UNKNOWN 1 37.6 840.4 MUS BENZENE 2 101.8 05.80 PPB TOLUNE 3 252.8 84.00 PPB | START | | | | |
| x 2 x 3 STDP 9 380.0 SNIFLE LIGNART 1 APR 14 2003 11: 2 ANALTSIS 4 3 LOLDON FLAZA INTERNAL TEMP 22 BTEX STANDARD GRIN 19 250 mICROLITERS COMPOUND NAME BENZENE 2 191.0 83.80 PPB TOLUNE 3 252.8 84.00 PPB | <u> </u> | # 1 | | | |
| STOP 9 300.0 STOP 9 300.0 SATTLE LIBRART 1 APR 14 2003 11: 2 ANALYSIS 4 3 LOUDON FLAZA INTERNAL TEMP 22 BTEX STANDARD GAIN 19 250 MICKOLITERS COMPOUND NAME PEAK R.T. AREA/PPM UNKNOWN 1 37.6 840.4 MUS BENZENE 2 101.9 85.90 PPB TOLUNE 3 252.8 84.00 PPB | | | | | |
| 3 STDP 4 509.0 SATFLE LIBERRY 1 APR 14 2003 11: 2 ANALYSIS 4 J LOUDON FLAZA INTERNAL TETP 22 DTEX STANDARD GRIN 19 250 HICROLITERS COMPOUND NAME PEAK R.T. AREA/PPH UNKNOUN 1 37.5 849.4 BENZENE 2 191.8 9.50 PFB TOLUNE 3 252.8 84.00 PFB | L | | | <u> </u> | 2 |
| I Image: Stop @ 500.0 STOP @ 500.0 Shiftle Librart 1 APR 14 2003 11: 2 ANALTSIS # 3 LOLDON PLAZA INTERNAL TEMP 22 BTEX STANDARD GAIN 10 250 HICROLITERS COMPOUND NAME PEAK R.T. AREA-PPN UNKNOUN 1 37.6 842.4 MOLINE 2 101.8 85.50 DENZENE 2 102.8 84.00 | | * 3 3 | | | |
| SIDF 1 200.0 SIDF 2 200.0 SINTEL LIGERART 1 APR 14 2003 11: 2 ANALYSIS 3 3 LOUDON PLAZA INTERNAL TENP 22 BTEX STANDARD GAIN 19 250 HICROLITERS CONFOUND NAME PEAK R.T. AREA-PPH UNKNOUN 1 37.6 842.4 MUS BENZENE 2 101.6 85.80 PPB TOLUNE 3 252.8 84.00 PPB | | | | | |
| ANALTSIS # 3 LOUDON PLAZA INTERNAL TEMP 22 BTEX STANDARD GAIN 19 250 MICROLITERS COMPOUND NAME PEAK R.T. AREA-PPM UNKNOUN 1 37.6 849.4 MUS BENZENE 2 101.8 83.80 PPM TOLUNE 3 252.8 84.08 PPB | SATFLE LIGRARY | 1 68 | 17 14 2 | 983 1 | 112 |
| INTERNAL TETT 22 BTEX STANDARD GRIN 19 259 HICROLITERS COMPOUND NAME PEAK R.T. AREA/PPH UNKNOWN 1 37.6 849.4 MUS BENZENE 2 101.8 83.80 PPH TOLUNE 3 252.8 84.00 PPH | ANALYSIS # | 3 L | OLIDON | PLAZA | • • |
| GAIN 19 250 HICROLITERS CONFOUND NAME PEAK R.T. AREA/PPH UNKNOWN 1 37.6 849.4 MUS BENZENE 2 191.8 85.80 PPH TOLUNE 3 252.8 84.00 PPH | INTERNAL TEMP 2 | 22 8 | TEX ST | ANDARD | |
| COMPOUND NAME PEAK R. T. AREA/PPH UNKNOWN 1 37.6 849.4 mUS BENZENE 2 101.8 63.96 PPB TOLUNE 3 232.8 84.28 PPB | GAIN 1 | 9 2 | 50 MIC | ROLITE | 29 |
| UNKNOUN 1 37.5 848.4 MUS BENZENE 2 101.8 83.50 PPB TOLUNE 3 252.8 84.08 PPB | COMPOUND NAME | PEAK | R.T. | AREA | /PPM |
| BENZENE 2 191.6 65.80 PP5 TOLUNE 3 252.8 84.08 PP5 | UNENDIN | 1 | 37.8 | 848.4 | mUS |
| TOLUNE 3 252.8 84.08 PPB | | 2 | 191.0 | 85.80 | PP9 |
| | BENZENE | | | 94 09 | PPA |
| | BENZENE | Э | 252.8 | 07.20 | 11.14 |
| | BENZENE | З | 252.8 | 07.20 | 110 |

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CALIBRATED PEAK 3, TOLUNE

| SAMPLE LI BNALTSIS INTERNAL BAIN | IBRAR # TEMP | T 1 API 3 Li 22 B 18 2 | R 14 20 DUDDN I FEX STI 50 mIC | 203 1: PLAZA ANDARD ROLITER | 1:5 RS |
|---|--------------------|---------------------------------|---|--------------------------------------|-----------|
| COMPOUND | NAME | PEAK | R.T. | AREA | /PPN |
| UNKNOWN | | 1 | 37.5 | 848.4 | mUS |
| CIS-DCE | | 2 | 101.0 | 222.6 | PPB |
| TOLUNE | | з | 252.8 | 30.00 | PPB |

| _ | | | | | |
|------|----------|------|-------|-------|------|
| F | рНО | ТC |)UI | AC | |
| L | CORPOUND | 10 # | R. I. | LR | 111 |
| PERC | | 1 | 485.4 | 8.293 | PPp |
| TCE | | 2 | 165,1 | 0,000 | PP9 |
| CIS- | OCE | 3 | 91,6 | 0,009 | PPP |
| BENS | ENE | 4 | 111.4 | 0,000 | PPP |
| TOLU | NE | 5 | 252,9 | 0,098 | PPB |
| ETHY | LBENZENE | | 552.5 | 8.009 | PP8 |
| 11-F | XTLENE | 2 | 338.0 | 0,056 | 67°B |
| D-XY | lene | 8 | 713.6 | 0,000 | PPP |

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| x 4 x 5 x 6 |
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| STOP & SOLO |
| ANALYSIS # 12 LOUDON PLATA |
| INTERNAL TEMP 24 STANDARD |
| 230 MICROLITERS |
| COMPOUND NAME PEAK R.T. AREA/PPM |
| UNKNOWN 1 36,1 596,6 mile |
| BENZENE 2 98,7 75,45 PPB |
| THY BENZENC 3 248.3 76.63 PPB |
| 1-P XTLENE 5 51 7 52 11 75 |
| D-XTLENE 7 231.5 20.06 PPB |
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CALIBRATED PEAK 3, TOLUNE

| SAMPLE LIBRAR ANALTSIS # INTERNAL TEMP GAIN | T 1 / 12 24 10 | PPR 14 2 LOUDON STANDAR 250 MIC | 12:52 Flaia D Roliters |
|--|-------------------------|--|---------------------------------|
| CONPOUND NAME | PEr | нК R.T. | AREA/PPD |
| UNKNOWN | , | 36.1 | 596 6 |
| BENZENE | 2 | 38,7 | 58.92 PPR |
| TOLUNE | 3 | 248,3 | 20.00 PPB |
| ETHYLBENZENE | 5 | 563,1 | 57.52 PPB |
| D-P XTLENE | 6 | 511.2 | 57.93 PPB |
| D-XTLENE | 2 | 231.5 | 64.00 PPB |

| F | ЮЧ | TC |)U | AC |] |
|--------|-----------|------|-------|-------|-----|
| 1 | CONPOLING | 10 4 | f. 1. | LI | 717 |
| PERC | | 1 | 395.2 | 0,000 | PPB |
| TCE | | 2 | 162.2 | 0.000 | PPR |
| CIS-0 | CE | 3 | 38.8 | 8.888 | PPR |
| BENZE | ENE | 4 | 99.2 | 9.698 | PPR |
| TOLUN | 4E | 5 | 248.3 | 8.000 | Pee |
| ETHYL | BENSENE | | 542.7 | 8 888 | PPR |
| C-P X | TLENE | 2 | 587.4 | 0.000 | PPM |
| תיא−ט. | ENE | 8 | 728.3 | 0.000 | PPE |



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CALIBRATED PEAK 3, TOLUNE

| SANPLE LIBRARY ANALYSIS # INTERNAL TENP GAIN | 1 8 L0 18 L0 24 ST 18 25 | R 14 20 GUDON M TANDARI 50 MICI | 705 13 "LAZA) ROLITER | 1:58 S |
|---|-----------------------------------|--|---|--------------------------|
| COMPOLIND NAME. | PEAK | R.T. | AREA/ | PPD |
| UNKNOWN BENZENE FOLUNE ETHTLBENZENE M-R XVI ENE | 1 2 3 5 6 | 35.8 99.0 247.3 561.1 607.9 | 558,8 49.34 55.00 45.53 44.25 | mus PPB PPB PPB |

| ZENE | 2 | 99.Ø | 48.34 | PP\$ |
|-----------|---|-------|-------|------|
| LINE | з | 247.3 | 55.00 | FP# |
| TLBENZENE | 5 | 561.1 | 45.53 | FPB |
| XYLENE | 6 | 697.9 | 44.25 | PPB |
| | | | | |

| PHO | TOVAC |
|--------------|-------------------|
| 1 COMPOUND | ID # R.T. LIDIT |
| PFRC | 1 396,6 8.800 PPB |
| TCE | 2 161.5 0.000 275 |
| CIS-DEE | 3 63.6 0.000 (75 |
| BENZENE | 4 98.8 8.908 PPB |
| TOLUNE | 5 247.3 0.000 PPB |
| ETHYLBENZENE | 5 340.5 8.000 228 |
| D-P XTLENE | 7 383.0 0.000 FPB |
| D-XTLENE | 6 536.1 8.998 PPF |



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CALIBRATED PEAK 3, TOLUNE

| ANALTSIS # INTERNAL TEMP BAIN | 21 25 12 | LCUDON STANDAR 250 MIC | PLAZA D ROLITE | RS |
|-------------------------------------|----------------|------------------------------|----------------------|------|
| COMPOUND NAME | PEA | K R.J. | AREA. | /PPH |
| UNKNOUN | 1 | 36,3 | 236.8 | ສປຣ |
| BENZENE | 2 | 38.5 | 54.44 | PPD |
| TOLUNE | 3 | 246.8 | 55.08 | PPB |
| ETHYLBENZENE | 4 | 492.3 | 2,601 | PPB |
| ETHTLBENZENE | 5 | 559.1 | 43.79 | PPO |
| N-P XTLENE | 5 | 628.8 | 43.47 | PPB |

| PHO | DTC |)U | AC | \sum |
|--------------|--------|----------------|----------------|-------------|
| 1 COMPOLIN | # ΩI Q | R.T. | LI | 111 |
| PERC | 1 | 395,8 | Ø.000 | P PB |
| CIS-DCE | 3 | 89.4 | 8.999 8.999 | PPB PPB |
| TOLUNE | 4 | 38,6 246.8 | 8.000 0.000 | PP8 PP8 |
| ETHTLBENZENE | 67 | 539,4 563,8 | 0.000 0.000 | PP8 P28 |
| -XTLENE | 8 | 498.7 | 0.000 | PPB |



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| STOP @ 335.5 |
| SAMPLE LIBRART I APR 14 2029 16:24 ANALTSIS # 5 LOUDON PLATA INTERNAL TEMP 23 STANDARD BAIN 19 250 FUSAL TERP |
| COMPOUND NAME PEAK R.T. AREA/PPH |
| BENZENE 2 L05.7 13.05 PPB TOLLINE 3 260.3 11.72 PPB |
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| r |
| PHOTOVAC |
| CALIBRATED PEAK 3, TOLUNE |
| SATIFLE LIBRARY 1 APR 14 2003 15:25 ANALYSTS # 5 LOUDON PLAZA INTERNAL TEHP 23 STANDARD QALN 19 258 MICROLITERS |
| CONFOUND NAME FEAK R.T. AREA/PPH |
| BENZENE 2 125.7 13.37 PPB TOLUNE 3 269.3 12.00 PPB |
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| |
| <u>FHUIUVAL</u> |
| I COMPOUND ID # R.T. LIGIT |
| TCE 2 122,0 8,000 PPB |

| PHO | TOVAC |
|---|--|
| 1 COMPOUND | ID # R.T. LIMIT |
| PERC TCE CIS-DCE BENZENE TOLINE EIHTLBENZENE H-P XTLENE D-XTLENE D-XTLENE | 1 417.5 2.000 PP5 2 172.0 2.000 PP5 3 94.3 2.000 PP5 4 104.0 2.000 PP5 5 269.3 0.000 PP5 5 368.3 0.000 PP5 6 358.3 0.000 PP5 7 615.7 9.000 PP5 7 234.8 0.000 PP5 |

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| STOP 9 200.0 SATIPLE LIBRART 1 APR 14 2003 18:53 ANALYSIS # 13 JOUDDA PLAZA | |
| INTERNAL TEMP 24 STANDARD GAIN 18 238 MICROLITERS | |
| COMPOUND NAME PEAK R.T. AREA/PPH | |
| BENZENE 2 192.3 15.40 PPB TOLUNE 3 253.8 12.33 PPB TOLUNE 5 272.1 1.00 000 | |
| M-P XILENE 6 620.0 8.254 PPB | |
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| PHOTOVAC] | |
| PHOTOVAC | |
| CALIBRATED PEAK 3, TOLUNE SAMPLE LIBRART 1 APR 14 2023 13: 0 ANALISIS 3 13 LOUDON PLAZA INTERNA 15HP 24 STANDARD | |
| CALIBRATED PEAK 3, TOLUNE SAMPLE LIBRART 1 APR 14 2003 13: 0 ANNLTSIS 3 13 LOUDON PLAZA INTERNAL TEHP 24 STANDARD GAIN 19 259 MICROLITERS | |
| CALIBRATED PEAK 3, TOLUNE SAMPLE LIBRART 1 APR 14 2003 13: 0 ANALTSIS 4 13 LOUDON PLAZA INTERNAL TEMP 24 STANDARD GAIN 10 250 MICROLITERS COMPOUND NAME PEAK R.T. AREA/PEN LINKNDUN 1 37.3 227.4 MUS ENTENDE 2 107.0 14 80 800 | |
| CALIBRATED PEAK 3, TOLUNE SAMPLE LIBRARY 1 APR 14 2003 13: 0 ANALYSIS 1 13 LOUDON PLARA INTERNAL TEMP 24 STANDARD GAIN 19 250 MICROLITERS CDIPPOUND NAME PEAK R.T. AREA/PPH UNKNDUM 1 37.9 222.4 mVS BENZENE 2 102.3 14.30 PPB TOLUNE 3 253.0 12.00 PPB ETMTJENENENE 5 572.1 2.924 PPB | |
| CALIBRATED PEAK 3, TOLUNE SAMPLE LIBRARY 1 APR 14 2003 13: 0 ANALYSIS 1 LOUDON PLAZA INTERNAL TEMP 24 STANDARD GAIN 19 250 MICROLITERS CDIPPOUND NAME PEAK R.T. AREA/PM UNKNOWN 1 32.9 22.4 mVS BENZENE 2 12.3 14.9 9 PB TOLUNE 3 253.0 12.00 PB ETHYLBENZENE 5 572.1 7.924 PPB N-P XTLENE 6 820.0 8.030 PPB | |
| PHOTOVAC CALIBRATED PEAK 3, TOLUNE SAMPLE LIBRART 1 APR 14 2003 13: 0 ANALISIS 3 13 LOUDON PLAZA INTERNAL TEMP 24 STANDARD GAIN 19 250 FICROLITERS CDIPPOUND NAME PEAK R.T. AREA/PPH UNKNDUN 1 32.3 222.4 mUS BENZENE 2 192.3 14.98 PFB TOLUNE 3 253.8 12.00 PFB THYLENE 6 820.0 8.030 PFB | |
| PHOTOVAC CALIBRATED PEAK 3, TOLUNE SAMPLE LIBRART 1 APR 14 2003 13:0 ANALISIS 1 LOUDON PLAZA INTERNAL TEMP 24 STANDARD GAIN 13 LOUDON PLAZA INTERNAL TEMP 24 STANDARD GAIN 13 ANALISIS INTERNAL TEMP 24 STANDARD BENZENE 132.59 MILROLITERS CDTPOUND NAME PEAK R.T. AREA/PPH UNKNDUN 1 37.9 222.4 mUS BENZENE 2 122.3 14, 38 PPB TOLUNE 3 253.8 12,00 PPB HYTLENERENE 5 572.1 2, 524 PPB N-P XTLENE 6 828.0 8,039 PPB | |
| CALIBRATED PEAK 3, TOLUNE SAMPLE LIBRART 1 APR 14 2003 13: 0 ANALTSIS 3 13 LOUGON PLAZA INTERNAL TETP 24 STANDARD GAIN 13 LOUGON PLAZA INTERNAL TETP 24 STANDARD GAIN 13 LOUGON PLAZA INTERNAL TETP 24 STANDARD GAIN 137.3 227.4 mVS BENZENE 2 LUNKNDAN 1 1 37.3 227.4 mVS BENZENE 2 STALLENE 3 STALLENE 5 STALLENE 6 SZ3.8 12.000 PPB ETHTLBENZENE 5 STALLENE 6 SZ3.8 0.030 PPB | |
| PHOTOVAC CALIBRATED PEAK 3, TOLUNE SAMPLE LIBRART 1 APR 14 2003 13: 0 ANNLTSIS 3 13 LOUDON PLAZA INTERNAL TETH 24 STANDARD GAIN 19 259 n12CR01 TERS COMPOUND NAME PEAK R.T. AREA/PPN UNKNOHN 1 37.3 227.4 mVS BENZENE 2 122.3 14.98 PPB TOLUNE 3 253.8 12.00 PPB EINTLBENZENE 5 572.1 7.924 PPB D-P XTLENE 6 820.2 8.839 PPB | |

| PERC | 1 | 407.1 | 9,000 | PPI |
|--------------|---|-------|-------|-----|
| TCE | 2 | 165.8 | 0,000 | PPI |
| CIS-OCE | 3 | 31.3 | 0,000 | PFI |
| BENZENE | 4 | 101.4 | 0,000 | PPt |
| TOLUNE | 5 | 253.8 | 0,000 | PPt |
| ETHYLBENZENE | 6 | 554.7 | 0.000 | PPI |
| H-P XYLENE | 7 | 600.3 | 0.000 | PPI |
| D-XYLENE | 9 | 718.5 | 9.000 | PPE |

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APPENDIX D

INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY



| NEW YORK STATE DEPARTMENT OF HEALTH |
|---|
| INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY |
| CENTER FOR ENVIRONMENTAL HEALTH |

This form must be completed for each residence involved in indoor air testing.

| Preparer's Name Robert Gray III Date/Time Prepared 4/23 + 4/24/09 |
|---|
| Preparer's Affiliation Northeastern Environmantphone No. 518-884-8545 Technologies Corp |
| Purpose of Investigation |
| 1. OCCUPANT: Town Total Health / Tenant |
| Interviewed: Y/N |
| Last Name: Myers First Name: Kirk |
| Address: 350 Northern Blud. |
| County: Albany |
| Home Phone: Office Phone: <u>518-257-729</u> 4 |
| Number of Occupants/persons at this location $\underline{8}$ Age of Occupants $\underline{33-52}$ |
| 2. OWNER OR LANDLORD: (Check if same as occupant) Interviewed: Y / N |
| Last Name: First Name: |
| Address: |
| County: |
| Home Phone: Office Phone: |
| |
| 3. BUILDING CHARACTERISTICS |
| Type of Building: (Circle appropriate response) |
| Residential School <u>Commercial/Multi-use</u> Industrial Church Other: <u>Pharmacy</u> |

| If the property is residential | , type? (Circle appropria | ate response) |
|--------------------------------|---------------------------|---|
| Ranch Raised Ranch | 2-Family Split Level | 3-Family |
| Cape Cod | Contemporary | Mobile Home |
| Duplex | Apartment House | Townhouses/Condos |
| Modular | Log Home | Other: NA |
| If multiple units, how many? | ? | |
| If the property is commercia | ll, type? | |
| Business Type(s) <u>6</u> e | neral Busin | <u>ness</u> |
| Does it include residences | s (i.e., multi-use)? Y | If yes, how many? |
| Other characteristics: | | |
| Number of floors | Build | ling age |
| Is the building insulated | y/N How | air tight? Tight / (verage / Not Tight |
| 4. AIRFLOW | | |
| Use air current tubes or trac | er smoke to evaluate a | irflow patterns and qualitatively describe: |
| | | |
| Airflow between floors | | |
| | | |
| | | |
| | | |
| Airflow near source | | |
| | | |
| | | |
| | | |
| Outdoor air infiltration | | |
| | | |
| | | |
| 4. #147-95. Wold, 42. 10. | | |
| Infiltration into air ducts | | |
| | | |
| | | |
| | | |

5. **BASEMENT AND CONSTRUCTION CHARACTERISTICS** (Circle all that apply)

| a. Above grade construction: | wood frame | concrete | stone | brick |
|------------------------------|---------------------|------------|------------------|-------|
| b. Basement type: | full | crawlspace | slab | other |
| c. Basement floor: | concrete | dirt | stone | other |
| d. Basement floor: | uncovered | covered | covered with _ | |
| e. Concrete floor: | unsealed | sealed | sealed with | |
| f. Foundation walls: | poured | block | stone | other |
| g. Foundation walls: | unsealed | sealed | sealed with | |
| h. The basement is: | wet | damp | dry | moldy |
| i. The basement is: | finished | unfinished | partially finish | ed |
| j. Sump present? | Y / N | | | |
| k. Water in sump? Y / | 'N / not applicable | | | |

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

| Hot air circulation Space Heaters Electric baseboard | Heat pump Stream radiation Wood stove | Hot water baseboard Radiant floor Outdoor wood boiler | Other |
|--|---|---|------------|
| The primary type of fuel used is: | | | |
| Natural Gas Electric Wood | Fuel Oil Propane Coal | Kerosene Solar | |
| Domestic hot water tank fueled by: | Electric | | |
| Boiler/furnace located in: Base | ement Outdoors | Main Floor | Other Rocf |
| Air conditioning: | ral Air Window uni | ts Open Windows | None |

| Are there air distribution ducts present? | Y / N | none | readily | visible |
|---|-------|------|---------|---------|
|---|-------|------|---------|---------|

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

| OCCUPANCY | | | | |
|--|--|------------------------------------|---|-------------------|
| asement/lowes | level occupied? Full-time | Occasionally | Seldom | Almost Never |
| el <u>Ge</u> | <u>aeral Use of Each Floor (e.g., famil</u> | yroom, bedro | <u>om, laundry, wo</u> | orkshop, storage) |
| ient | | | | |
| oor | | | | |
| loor | | | | |
| loor | | | | |
| | | | | |
| ACTORS THA | T MAY INFLUENCE INDOOR A | IR QUALITY | | |
| OOR ACTORS THA Is there an atta Does the garag | T MAY INFLUENCE INDOOR A ached garage? ye have a separate heating unit? | IR QUALITY | Y N Y/N(NA) | |
| OOT ACTORS THA Is there an att Does the garas Are petroleum tored in the g | AT MAY INFLUENCE INDOOR A ached garage? ge have a separate heating unit? -powered machines or vehicles arage (e.g., lawnmower, atv, car) | IR QUALITY | Y/N NA Y/N NA Please specify_ | |
| ACTORS THA Is there an atta Does the garag Are petroleum stored in the g Has the buildi | AT MAY INFLUENCE INDOOR A ached garage? ge have a separate heating unit? -powered machines or vehicles arage (e.g., lawnmower, atv, car) ag ever had a fire? | IR QUALITY | Y N Y N NA Y $/ N$ NA Please specify Y N $When?$ | |
| FACTORS THA FACTORS THA Is there an atta Does the garag Are petroleum stored in the g Has the buildi Is a kerosene o | AT MAY INFLUENCE INDOOR A ached garage? ge have a separate heating unit? -powered machines or vehicles arage (e.g., lawnmower, atv, car) ang ever had a fire? r unvented gas space heater present | IR QUALITY | Y N NA Y / N NA Please specify_ Y N When? Y N Where? | |
| ACTORS THA ACTORS THA Is there an atta Does the garag Are petroleum stored in the g Has the buildi Is a kerosene o Is there a work | AT MAY INFLUENCE INDOOR A ached garage? ge have a separate heating unit? -powered machines or vehicles arage (e.g., lawnmower, atv, car) ag ever had a fire? r unvented gas space heater present shop or hobby/craft area? | IR QUALITY t? Y (N) | Y N Y N NA Y N NA Please specify Y N $When?$ Y N $Where?$ Where & Type? | |
| ACTORS THA Is there an atta Does the garag Are petroleum stored in the g Has the buildi Is a kerosene o Is there a work | AT MAY INFLUENCE INDOOR A ached garage? ge have a separate heating unit? -powered machines or vehicles arage (e.g., lawnmower, atv, car) ag ever had a fire? r unvented gas space heater present shop or hobby/craft area? ag in the building? | IR QUALITY t? Y (N) Y (N) | Y N Y N NA Y N NA Please specify_ Y N $When?_$ Y N $Where?$ Where & Type? How frequently | ? |

| j. Has painting/ | staining been done in the last 6 months? | Y (N) Where & When? |
|---|---|--|
| k. Is there new | carpet, drapes or other textiles? | Y (N) Where & When? |
| l. Have air fresł | eners been used recently? | (Y/N When & Type? Rathroom |
| m. Is there a kit | chen exhaust fan? | Y /N If yes, where vented? |
| n. Is there a ba | throom exhaust fan? | Y N If yes, where vented? <u>rcof</u> |
| o. Is there a clot | thes dryer? | Y N If yes, is it vented outside? Y / N |
| p. Has there bee | en a pesticide application? | Y N When & Type? |
| Are there odors If yes, please de | in the building? escribe: | Y/N |
| Do any of the buil (e.g., chemical man boiler mechanic, pe | ding occupants use solvents at work? ufacturing or laboratory, auto mechanic or esticide application, cosmetologist | Y (N) auto body shop, painting, fuel oil delivery, |
| If yes, what type | s of solvents are used? | |
| If yes, are their c | lothes washed at work? | Y / N |
| Do any of the build response) | ding occupants regularly use or work at | a dry-cleaning service? (Circle appropriate |
| Yes, use dr Yes, use dr Yes, work a | y-cleaning regularly (weekly) y-cleaning infrequently (monthly or less) at a dry-cleaning service | No Unknown |
| Is there a radon m Is the system activ | itigation system for the building/structure e or passive? Active/Passive | re? Y(N)Date of Installation: |
| 9. WATER AND S | SEWAGE | |
| Water Supply: | Public Water Drilled Well Drive | en Well Dug Well Other: |
| Sewage Disposal: | Public Sewer Septic Tank Leac | h Field Dry Well Other: |
| 10. RELOCATION | N INFORMATION (for oil spill resident | ial emergency) |
| a. Provide reas | ons why relocation is recommended: | N/H |
| b. Residents ch | to: remain in home relocate to fr | iends/family relocate to hotel/motel |
| c. Responsibili | ty for costs associated with reimburseme | nt explained? Y / N |
| d. Relocation p | ackage provided and explained to reside | ents? Y / N |

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini RE 3000

List specific products found in the residence that have the potential to affect indoor air quality.

| Location | Product Description | Size (units) | Condition [*] | Chemical Ingredients | Field Instrument Reading (units) | Photo ** <u>Y / N</u> |
|----------|---|-----------------|------------------------|--|---|--------------------------|
| counter | Lysol Disinfectant Antibacterial Kithen clea | DO FI.O | U GOOD | Hikyl dimethylbenzyl ammonium chlorides | 0,3 | N |
| | Febreze | (3) 9702 | and | none listed | | |
| | cloret disinfecting spray | (2) | | | | |
| | | \sim | | | | |
| bathroom | air sanitizer | (2) 10,02 | getel | Triethelene Colycol | 0.2 | |
| | Aquanet hauspa | (1) | good | Typical Hair spray ingred | | |
| | Souft + Dri decederant |)(1) 602. | gad | annonium chloride | | |
| | | ~ | | | | |
| shelves | Tresenne spray | (2) 1102 | 40 | Typical | | |
| For Sale | spray deaderants | (M) 602. | 40 | Typical | | |
| | • | | | ., | | |
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* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)** ** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Appendix E

PEL SOIL QUALITY REPORT



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SOIL ANALYTICAL DATA (EPA Method 8260) Page 1 of 2

Loudon Plaza

350 Northern Blvd. Albany, NY 12204

| | | DEC Req. Soil | | | | | |
|------------------------------|------------|---------------|------------|------------|------------|------------|-----------|
| PARAMETER | GP-6 S-4A | GP-7 S-3B | GP-8 S-4B | GP-9 S-4A | GP-10 S-1 | GP-11 S-4B | Cleanup |
| Sample Type: | Grab | Grab | Grab | Grab | Grab | Grab | Objective |
| Date Sampled: | 04/13/2009 | 04/13/2009 | 04/13/2009 | 04/14/2009 | 04/14/2009 | 04/15/2009 | - |
| 1, 1, 1, 2-Tetrachloroethane | ND | ND | ND | ND | ND | ND | * |
| 1, 1,1-Trichloroethane | ND | ND | ND | ND | ND | ND | 800 |
| 1, 1, 2, 2-Tetrachloroethane | ND | ND | ND | ND | ND | ND | 600 |
| 1,1,2-Trichloroethane | ND | ND | ND | ND | ND | ND | * |
| 1,1-Dichloroethane | ND | ND | ND | ND | ND | ND | 200 |
| 1,1-Dichloroethene | ND | ND | ND | ND | ND | ND | 400 |
| 1,1-Dichloropropene | ND | ND | ND | ND | ND | ND | * |
| 1,2,3-Trichlorobenzene | NĎ | ND | ND | ND | ND | ND | * |
| 1,2,3-Trichloropropane | ND | ND | ND | ND | ND | ND | 400 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | ND | ND | ND | 3,400 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | ND | ND | ND | * |
| 1,2-Dibromo-3-chloropropane | ND | ND | ND | ND | ND | ND | * |
| 1,2-Dichlorobenzene | ND | ND | ND | ND | ND | ND | 7.900 |
| 1,2-Dichloroethane | ND | ND | ND | ND | ND | ND | 100 |
| 1,2-Dichloropropane | ND | ND | ND | ND | ND | ND | * |
| 1,3,5-Trimethylbenzene | ND | ND | ND | ND | ND | ND | * |
| 1,3-Dichlorobenzene | ND | ND | ND | ND | ND | ND | 1.600 |
| 1,3-Dichloropropane | ND | ND | ND | ND | ND | ND | 300 |
| 1,4-Dichlorobenzene | ND | ND | ND | ND | ND | ND | 8,500 |
| 2,2-Dichloropropane | ND | ND | ND | ND | ND | ND | * |
| 2-Chiorotoluene | ND | ND | ND | ND | ND | ND | * |
| 2-Hexanone | ND | ND | ND | ND | ND | ND | * |
| 2-isopropyltoluene | ND | ND | ND | ND | ND | ND | * |
| 4-Chlorotoluene | ND | ND | ND | ND | ND | ND | * |
| 4-Methyl-2-pentanone | ND | ND | ND | ND | ND | ND | 1.000 |
| Acetone | ND | ND | ND | ND | ND | ND | 200 |
| Acrylonitrile | ND | ND | ND | ND | ND | ND | |
| Benzene | ND | ND | ND | ND | ND | ND | 60 |
| Bromobenzene | ND | ND | ND | ND | ND | ND | * |
| Bromochloromethane | ND | ND | ND | ND | ND | ND | * |
| Bromodichloromethane | ND | ND | ND | ND | ND | ND | * |
| Bromoform | ND | ND | ND | ND | ND | ND | * |
| Bromomethane | ND | ND | ND | ND | ND | ND | * |
| Carbon Disulfide | ND | ND | ND | ND | ND | ND | 2,700 |
| Carbon tetrachloride | ND | ND | ND | ND | ND | ND | 600 |

Notes: All concentrations in ug/kg or ppm (parts per billion)

DEC = Required Soil Cleanup Objective, NYSDEC - TAGM - Determination of Soil Cleanup Objectives and Cleanup Levels, 1994

*= as per TAGM #4046; Total VOC <= 10ppm; Total SVOC <= 500ppm; Individual SVOC <= 50ppm

DEC* = Required Soil Cleanup Objective, as outline in General Remedial Program requirments Subpart 375-6.3 (SCOs for restricted commercial use)

_____*= SCOs for restricted commercial use were capped at a maximum value of 500,000 ppb

(NA)= Not Analyzed

(ND)= Not Detected
SOIL ANALYTICAL DATA (EPA Method 8260) Page 2 of 2

Loudon Plaza

350 Northern Blvd. Albany, NY 12204

| SOIL SAMPLE DESCRIPTION | | | | | | DEC Req. Soil | |
|-----------------------------|------------|------------|------------|------------|------------|---------------|-----------|
| PARAMETER | GP-6 S-4A | GP-7 S-3B | GP-8 S-4B | GP-9 S-4A | GP-10 S-1 | GP-11 S-4B | Cleanup |
| Sample Type: | Grab | Grab | Grab | Grab | Grab | Grab | Objective |
| Date Sampled: | 04/13/2009 | 04/13/2009 | 04/13/2009 | 04/14/2009 | 04/14/2009 | 04/15/2009 | - |
| Chlorobenzene | ND | ND | ND | ND | ND | ND | 1,700 |
| Chloroethane | ND | ND | ND | ND | ND | ND | 1,900 |
| Chloroform | ND | ND | ND | ND | ND | ND | 300 |
| Chloromethane | ND | ND | ND | ND | ND | ND | * |
| cis-1,2-Dichloroethene | ND | ND | 83 | ND | ND | ND | * |
| cis-1,3-Dichloropropane | ND | ND | ND | ND | ND | ND | * |
| Dibromochloromethane | ND | ND | ND | ND | ND | ND | * |
| Dibromoethane | ND | ND | ND | ND | ND | ND | |
| Dibromomethane | ND | ND | ND | ND | ND | ND | * |
| Dichlorodifluoromethane | ND | ND | ND | ND | ND | ND | * |
| Ethylbenzene | ND | ND | ND | ND | ND | ND | 5,500 |
| Hexachlorobutadiene | ND | ND | ND | ND | ND | ND | * |
| Isopropylbenzene | ND | ND | ND | ND | ND | ND | * |
| m&p-Xylene | ND | ND | ND | ND | ND | ND | 1,200 |
| Methyl Ethyl Ketone | ND | ND | ND | ND | ND | ND | |
| Methyl t-butyl ether (MTBE) | ND | ND | ND | ND | ND | ND | 1,000 |
| Methylene Chloride | ND | ND | ND | ND | ND | ND | 100 |
| n-Butylbenzene | ND | ND | ND | ND | ND | ND | * |
| n-Propylbenzene | ND | ND | ND | ND | ND | ND | * |
| Napthalene | ND | ND | ND | ND | ND | ND | 13,000 |
| o-Xylene | ND | ND | ND | ND | ND | ND | 1,200 |
| p-Isopropyltoluene | ND | ND | ND | ND | ND | ND | * |
| sec-Butylbenzene | ND | ND | ND | ND | ND | ND | * |
| Styrene | ND | ND | ND | ND | ND | ND | * |
| tert-Butylbenzene | ND | ND | ND | ND | ND | ND | * |
| Tetrachloroethene | ND | ND | 140 | ND | 35 | 22 | 1,400 |
| Tetrahydrofuran (THF) | ND | ND | ND | ND | ND | ND | |
| Toluene | ND | ND | ND | ND | ND | ND | 1,500 |
| trans-1,3-Dichloropropene | ND | ND | ND | ND | ND | ND | * |
| trans-1,4-dichloro-2-butene | ND | ND | ND | ND | ND | ND | |
| Trichloroethene | ND | ND | 18 | ND | ND | ND | 700 |
| Trichlorofluoromethane | ND | ND | ND | ND | ND | ND | * |
| Trichlorotrifluoroethane | ND | ND | ND | ND | ND | ND | |
| Vinyl chloride | ND | ND | ND | ND | ND | ND | 200 |
| Total VOCs (excluding TICs) | ND | ND | 241 | ND | 35 | 22 | |

Notes: All concentrations in ug/kg or ppm (parts per million)

DEC = Required Soil Cleanup Objective, NYSDEC - TAGM - Determination of Soil Cleanup Objectives and Cleanup Levels, 1994

*= as per TAGM #4046; Total VOC <= 10ppm; Total SVOC <= 500ppm; Individual SVOC <= 50ppm

DEC* = Required Soil Cleanup Objective, as outline in General Remedial Program requirments Subpart 375-6.3 (SCOs for restricted commercial use)

_____*= SCOs for restricted commercial use were capped at a maximum value of 500,000 ppb

(ND)= Not Detected (NA)= Not Analyzed





Analysis Report

April 22, 2009

FOR: Attn: Mr. Jeff Wink NETC PO Box 2167 Ballston Spa, NY 12020

| Sample Informa | ition | Custody Inform | nation | Date | <u>Time</u> |
|----------------|------------|----------------|----------------|----------|-------------|
| Matrix: | SOIL | Collected by: | | 04/13/09 | 11:30 |
| Location Code: | NETC | Received by: | LB | 04/18/09 | 8:40 |
| Rush Request: | RUSH | Analyzed by: | see "By" below | | |
| P.0.#: | 08.1023054 | | - | | |

Laboratory Data

SDG I.D.: GAR59024 Phoenix I.D.: AR59024

Client ID: LOUDON PLAZA GP-6 S-4A

| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
|-----------------------------|--------|-----|-------|------------------|------|------|-----------|
| Percent Solid | 87 | | % | 04/20/09 | | M-JL | E160.3 |
| V <u>olatiles</u> | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1,1-Trichloroethane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1,2,2-Tetrachloroethane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1,2-Trichloroethane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1-Dichloroethane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1-Dichloroethene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1-Dichloropropene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2,3-Trichlorobenzene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2,3-Trichloropropane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2,4-Trichlorobenzene | NÐ | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2,4-Trimethylbenzene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2-Dibromo-3-chloropropane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2-Dichlorobenzene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2-Dichloroethane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2-Dichloropropane | ND | 5.7 | ug/Kg | 04/21/ 09 | | H/J | SW8260 |
| 1,3,5-Trimethylbenzene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,3-Dichlorobenzene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,3-Dichloropropane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,4-Dichlorobenzene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 2,2-Dichloropropane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 2-Chlorotoluene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 2-Hexanone | ND | 29 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 2-lsopropyltoluene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 4-Chlorotoluene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 4-Methyl-2-pentanone | ND | 29 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Acetone | ND | 29 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Acrylonitrile | ND | 11 | ug/Kg | 04/21/09 | | H/J | SW8260 |

Client ID: LOUDON PLAZA GP-6 S-4A

| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
|-----------------------------|--------|-----|-------|----------|------|-----|-----------|
| Benzene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromobenzene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromochloromethane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromodichloromethane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromoform | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromomethane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Carbon Disulfide | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Carbon tetrachloride | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chlorobenzene | ŇD | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chloroethane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chloroform | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chloromethane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| cis-1,2-Dichloroethene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| cis-1,3-Dichloropropene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Dibromochloromethane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Dibromoethane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Dibromomethane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Dichlorodifluoromethane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Ethylbenzene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Hexachlorobutadiene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Isopropylbenzene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| m&p-Xylene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Methyl Ethyl Ketone | ND | 29 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Methyl t-butyl ether (MTBE) | ND | 11 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Methylene chloride | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Naphthalene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| n-Butylbenzene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| n-Propylbenzene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| o-Xylene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| p-lsopropyltoluene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| sec-Butylbenzene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Styrene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| tert-Butylbenzene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Tetrachloroethene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Tetrahydrofuran (THF) | ND | 11 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Toluene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Total Xylenes | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| trans-1,2-Dichloroethene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| trans-1,3-Dichloropropene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| trans-1,4-dichloro-2-butene | ND | 11 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Trichloroethene | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Trichlorofluoromethane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Trichlorotrifluoroethane | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Vinyl chloride | ND | 5.7 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| QA/QC Surrogates | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 100 | | % | 04/21/09 | | H/J | SW8260 |
| % Bromofluorobenzene | 89 | | % | 04/21/09 | | H/J | SW8260 |
| % Dibromofluoromethane | 100 | | % | 04/21/09 | | H/J | SW8260 |
| % Toluene-d8 | 98 | | % | 04/21/09 | | H/J | SW8260 |

| Client ID: LOUDON PLAZA GP-6 S-4A | | | | | | hoenix | I.D.: AR59024 |
|-----------------------------------|--------|----|-------|------|------|--------|---------------|
| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
| | | | | | | | |

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

My Ulis

Phyllis Shiller, Laboratory Director April 22, 2009





Analysis Report

April 22, 2009

FOR: Attn: Mr. Jeff Wink NETC PO Box 2167 Ballston Spa, NY 12020

| Sample Informa | ation | Custody Inform | nation | Date | Time | |
|----------------|------------|----------------|----------------|----------|-------|--|
| Matrix: | SOIL | Collected by: | | 04/13/09 | 14:30 | |
| Location Code: | NETC | Received by: | LB | 04/18/09 | 8:40 | |
| Rush Request: | RUSH | Analyzed by: | see "By" below | | | |
| P.0.#: | 08.1023054 | | | | | |

Laboratory Data

SDG I.D.: GAR59024 Phoenix I.D.: AR59025

Client ID: LOUDON PLAZA GP-7 S-3B

| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
|-----------------------------|--------|-----|-------|------------------|------|------|-----------|
| Percent Solid | 77 | | % | 04/20/09 | | M-JL | E160.3 |
| Volatiles | | | | | | | |
| 1.1.1.2-Tetrachloroethane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1,1-Trichloroethane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1,2,2-Tetrachloroethane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1,2-Trichloroethane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1-Dichloroethane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1-Dichloroethene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1-Dichloropropene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2,3-Trichlorobenzene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2,3-Trichloropropane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2,4-Trichlorobenzene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2,4-Trimethylbenzene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2-Dibromo-3-chloropropane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1.2-Dichlorobenzene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2-Dichloroethane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1.2-Dichloropropane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,3,5-Trimethylbenzene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1.3-Dichlorobenzene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1.3-Dichloropropane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1_4-Dichlorobenzene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 2.2-Dichloropropane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 2-Chlorotoluene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 2-Hexanone | ND | 32 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 2-jsopropyltoluene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 4-Chlorotoluene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 4-Methyl-2-pentanone | ND | 32 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Acetone | ND | 32 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Acrylonitrile | ND | 13 | ug/Kg | 0 4/21/09 | | H/J | SW8260 |

Client ID: LOUDON PLAZA GP-7 S-3B

| Parameter | Result | RL | Units | Date | Time | By | Reference |
|-----------------------------|--------|-----|-------|----------|------|-----|-----------|
| Benzene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromobenzene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromochloromethane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromodichloromethane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromoform | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromomethane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Carbon Disulfide | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Carbon tetrachloride | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chlorobenzene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chloroethane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chloroform | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chloromethane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| cis-1,2-Dichloroethene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| cis-1,3-Dichloropropene | ND | 6.5 | ug/Kg | 04/21/09 | ÷ | H/J | SW8260 |
| Dibromochloromethane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Dibromoethane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Dibromomethane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Dichlorodifluoromethane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Ethylbenzene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Hexachlorobutadiene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Isopropylbenzene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| m&p-Xylene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Methyl Ethyl Ketone | ND | 32 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Methyl t-butyl ether (MTBE) | ND | 13 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Methylene chloride | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Naphthalene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| n-Butylbenzene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| n-Propylbenzene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| o-Xylene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| p-Isopropyltoluene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| sec-Butylbenzene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Styrene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| tert-Butylbenzene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Tetrachloroethene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Tetrahydrofuran (THF) | ND | 13 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Toluene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Total Xylenes | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| trans-1,2-Dichloroethene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| trans-1,3-Dichloropropene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| trans-1,4-dichloro-2-butene | ND | 13 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Trichloroethene | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Trichlorofluoromethane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Trichlorotrifluoroethane | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Vinyl chloride | ND | 6.5 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| QA/QC Surrogates | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 106 | | % | 04/21/09 | | H/J | SW8260 |
| % Bromofluorobenzene | 85 | | % | 04/21/09 | | H/J | SW8260 |
| % Dibromofluoromethane | 107 | | % | 04/21/09 | | H/J | SW8260 |
| % Toluene-d8 | 99 | | % | 04/21/09 | | H/J | SW8260 |

| Client ID: LOUDON PLAZA GP-7 S-3B | | | | | F | hoenix | I.D.: AR59025 |
|-----------------------------------|--------|----|-------|------|------|--------|---------------|
| Parameter | Result | RL | Units | Date | Time | By | Reference |

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

by this

Phyllis Shiller, Laboratory Director April 22, 2009





Analysis Report

April 22, 2009

FOR: Attn: Mr. Jeff Wink NETC PO Box 2167 Ballston Spa, NY 12020

Ballston Spa, NY 12020 Custody Information

LB

DateTime04/13/0916:3004/18/098:40

Matrix:SOILLocation Code:NETCRush Request:RUSHP.O.#:08.1023054

Sample Information

| Analyzed by: | see "By" below |
|--------------|----------------|
| Laboratory I | Data |

Collected by:

Received by:

SDG I.D.: GAR59024 Phoenix I.D.: AR59026

Client ID: LOUDON PLAZA GP-8 S-4B

| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
|-----------------------------|--------|-----|---------------|----------|------|------|-----------|
| Percent Solid | 78 | | % | 04/20/09 | | M-JL | E160.3 |
| Volatiles | | | | | | | |
| 1.1.1.2-Tetrachloroethane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1.1.1-Trichloroethane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1.1.2.2-Tetrachloroethane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1.1.2-Trichloroethane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1.1-Dichloroethane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1.1-Dichloroethene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1.1-Dichloropropene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1.2.3-Trichlorobenzene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1.2.3-Trichloropropane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1.2.4-Trichlorobenzene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1.2.4-Trimethylbenzene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1.2-Dibromo-3-chloropropane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1 2-Dichlorobenzene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1 2-Dichloroethane | ND | 6.4 | ug /Kg | 04/21/09 | | H/J | SW8260 |
| 1 2-Dichloropropane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1 3 5-Trimethylbenzene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1 3-Dichlorobenzene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1 3-Dichloropropane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1 4-Dichlorobenzene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 22-Dichloropropane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 2-Chlorotoluene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 2-Hexanone | ND | 32 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 2-Isopropyltoluene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 4-Chlorotoluene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 4-Methyl-2-pentanone | ND | 32 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Acetone | ND | 32 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Acrylonitrile | ND | 13 | ug/Kg | 04/21/09 | | H/J | SW8260 |

Client ID: LOUDON PLAZA GP-8 S-4B

| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
|-----------------------------|--------|-----|-------|----------|------|-----|-----------|
| Benzene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromobenzene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromochloromethane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromodichloromethane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromoform | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromomethane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Carbon Disulfide | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Carbon tetrachloride | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chlorobenzene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chloroethane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chloroform | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chloromethane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| cis-1 2-Dichloroethene | 83 | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| cis-1.3-Dichloropropene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Dibromochloromethane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Dibromoethane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Dibromomethane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Dichlorodifluoromethane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Ethylbenzene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | ŚW8260 |
| Hexachlorobutadiene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Isopropylbenzene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| m&p-Xvlene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Methyl Ethyl Ketone | ND | 32 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Methyl t-butyl ether (MTBE) | ND | 13 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Methylene chloride | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Naphthalene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| n-Butvlbenzene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| n-Propylbenzene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| o-Xviene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| p-Isopropyltoluene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| sec-Butylbenzene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Styrene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| tert-Butylbenzene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Tetrachloroethene | 140 | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Tetrahydrofuran (THF) | ND | 13 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Toluene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Total Xylenes | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| trans-1,2-Dichloroethene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| trans-1,3-Dichloropropene | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| trans-1,4-dichloro-2-butene | ND | 13 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Trichloroethene | 18 | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Trichlorofluoromethane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Trichlorotrifluoroethane | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Vinvl chloride | ND | 6.4 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| OA/OC Surrogates | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 99 | | % | 04/21/09 | | H/J | SW8260 |
| % Bromofluorobenzene | 90 | | % | 04/21/09 | | H/J | SW8260 |
| % Dibromofluoromethane | 98 | | % | 04/21/09 | | H/J | SW8260 |
| % Toluene-d8 | 100 | | % | 04/21/09 | | H/J | SW8260 |

| Parameter Result RL Units Date Time By Reference | Client ID: LOUDON PLAZA GP-8 S-4B Phoenix I.D.: AR5902 | | | | | | | | |
|--|--|--------|----|-------|------|------|----|-----------|--|
| | Parameter | Result | RL | Units | Date | Time | Ву | Reference | |

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

My lis

Phyllis Shiller, Laboratory Director April 22, 2009





Time

10:40

8:40

Analysis Report

April 27, 2009

FOR: Attn: Mr. Jeff Wink NETC PO Box 2167 Ballston Spa, NY 12020

LB

Sample Information Matrix: SOIL

Location Code: NETC Rush Request: RUSH P.O.#: 08.1023054

| Analyzed by: | see "By" below |
|--------------|----------------|
| Laboratory D | Data |

Collected by:

Received by:

Custody Information

SDG I.D.: GAR59024 Phoenix I.D.: AR59027

Date

04/14/09

04/18/09

Client ID: LOUDON PLAZA GP-9 S-4A

| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
|-----------------------------|--------|-----|-------|----------|------|------|-----------|
| Percent Solid | 83 | | % | 04/20/09 | | M-JL | E160.3 |
| <u>Volatiles</u> | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/.1 | SW8260 |
| 1,1,1-Trichloroethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/.1 | SW8260 |
| 1,1,2,2-Tetrachloroethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1,2-Trichloroethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1-Dichloroethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/.I | SW8260 |
| 1,1-Dichloroethene | ND | 6.0 | ug/Kg | 04/21/09 | | H/.I | SW8260 |
| 1,1-Dichloropropene | ND | 6.0 | ug/Kg | 04/21/09 | | H/.I | SW8260 |
| 1,2,3-Trichlorobenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/.1 | SW8260 |
| 1,2,3-Trichloropropane | ND | 6.0 | ug/Kg | 04/21/09 | | H/.1 | SW8260 |
| 1,2,4-Trichlorobenzene | ND | 6.0 | ua/Ka | 04/21/09 | | H/J | SW8260 |
| 1,2,4-Trimethylbenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/.1 | SW8260 |
| 1,2-Dibromo-3-chloropropane | ND | 6.0 | ua/Ka | 04/21/09 | | H/J | SW8260 |
| 1,2-Dichlorobenzene | ND | 6.0 | ua/Ka | 04/21/09 | | H/.1 | SW8260 |
| 1,2-Dichloroethane | ND | 6.0 | ua/Ka | 04/21/09 | | H/J | SW8260 |
| 1,2-Dichloropropane | ND | 6.0 | ua/Ka | 04/21/09 | | H/1 | SW8260 |
| 1,3,5-Trimethylbenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/.1 | SW8260 |
| 1,3-Dichlorobenzene | ND | 6.0 | ua/Ka | 04/21/09 | | H/.1 | SW8260 |
| 1,3-Dichloropropane | ND | 6.0 | ua/Ka | 04/21/09 | | H/J | SW8260 |
| 1,4-Dichlorobenzene | ND | 6.0 | ua/Ka | 04/21/09 | | H/J | SW8260 |
| 2,2-Dichloropropane | ND | 6.0 | ug/Kg | 04/21/09 | | H/.1 | SW8260 |
| 2-Chlorotoluene | ND | 6.0 | ua/Ka | 04/21/09 | | H/.I | SW8260 |
| 2-Hexanone | ND | 30 | ua/Ka | 04/21/09 | | H/J | SW8260 |
| 2-Isopropyltoluene | ND | 6.0 | ua/Ka | 04/21/09 | | H/J | SW8260 |
| 4-Chlorotoluene | ND | 6.0 | ua/Ka | 04/21/09 | | H/J | SW8260 |
| 4-Methyl-2-pentanone | ND | 30 | ua/Ka | 04/21/09 | | H/J | SW8260 |
| Acetone | ND | 30 | ug/Kg | 04/21/09 | | H/.1 | SW8260 |
| Acrylonitrile | ND | 12 | ug/Kg | 04/21/09 | | H/J | SW8260 |

Client ID: LOUDON PLAZA GP-9 S-4A

| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
|-----------------------------|--------|-----|-----------------|-----------|------|-------------|-----------|
| Benzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromobenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromochloromethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromodichloromethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromoform | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromomethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Carbon Disulfide | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Carbon tetrachloride | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chlorobenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/.1 | SW8260 |
| Chloroethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chloroform | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chloromethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| cis-1,2-Dichloroethene | ND | 6.0 | ug/Ka | 04/21/09 | | H/.1 | SW8260 |
| cis-1,3-Dichloropropene | ND | 6.0 | ua/Ka | 04/21/09 | | H/1 | SW/8260 |
| Dibromochloromethane | ND | 6.0 | ua/Ka | 04/21/09 | | H/1 | SW9260 |
| Dibromoethane | ND | 6.0 | ua/Ka | 04/21/09 | | н/1 | SW8200 |
| Dibromomethane | ND | 6.0 | ua/Ka | 04/21/09 | | ни ј | SW0200 |
| Dichlorodifluoromethane | ND | 6.0 | ua/Ka | 04/21/09 | | ц/т | SW0200 |
| Ethylbenzene | ND | 6.0 | ua/Ka | 04/21/09 | | H/1 | SW0200 |
| Hexachlorobutadiene | ND | 6.0 | ua/Ka | 04/21/09 | | нил Цил | SW0200 |
| Isopropylbenzene | ND | 6.0 | ua/Ka | 04/21/09 | | ц/т | SW8200 |
| m&p-Xylene | ND | 6.0 | ug/Кg ид/Ка | 04/21/09 | | ни л | SVV8200 |
| Methyl Ethyl Ketone | ND | 30 | ug/Kg | 04/21/09 | | 11/J | 500200 |
| Methyl t-butyl ether (MTBE) | ND | 12 | ua/Ka | 04/21/09 | | ни ни | SW0200 |
| Methylene chloride | ND | 6.0 | ua/Ka | 04/21/09 | | нил нил | SW0200 |
| Naphthalene | ND | 6.0 | ua/Ka | 04/21/09 | | цлі | SW0200 |
| n-Butylbenzene | ND | 6.0 | ua/Ka | 04/21/09 | | H/1 | SW0200 |
| n-Propylbenzene | ND | 6.0 | ua/Ka | 04/21/09 | | H/1 | 500200 |
| o-Xylene | ND | 6.0 | ua/Ka | 04/21/09 | | H/3 | SW8260 |
| p-lsopropyltoluene | ND | 6.0 | ua/Ka | 04/21/09 | | H/ (| SW8260 |
| sec-Butylbenzene | ND | 6.0 | ua/Ka | 04/21/09 | | H/1 | SW0200 |
| Styrene | ND | 6.0 | ua/Ka | 04/21/09 | | H/1 | SW0200 |
| tert-Butylbenzene | ND | 6.0 | ua/Ka | 04/21/09 | | H/1 | SW0200 |
| Tetrachloroethene | ND | 6.0 | ua/Ka | 04/21/09 | | H/1 | SW8260 |
| Tetrahydrofuran (THF) | ND | 12 | ua/Ka | 04/21/09 | | нил 14/1 | SW0200 |
| Toluene | ND | 6.0 | ua/Ka | 04/21/09 | | н/л | SW0200 |
| Total Xylenes | ND | 6.0 | ug/.(g ug/Ka | 04/21/09 | | циј Циј | SW8260 |
| trans-1,2-Dichloroethene | ND | 6.0 | ua/Ka | 04/21/09 | | ци Ци | SW0200 |
| trans-1,3-Dichloropropene | ND | 6.0 | ug/Kg ug/Ka | 04/21/09 | | ни ј | SW8200 |
| trans-1,4-dichloro-2-butene | ND | 12 | ug/Kg ug/Kg | 04/21/09 | | п/J | SW8200 |
| Trichloroethene | ND | 6.0 | ug/Kg | 04/21/09 | | nij Lici | SW8260 |
| Trichlorofluoromethane | ND | 6.0 | ug/Kg | 04/21/09 | | п/J ци | SW8200 |
| Trichlorotrifluoroethane | ND | 6.0 | ug/Kg | 04/21/09 | | nij Livi | SW8260 |
| Vinyl chloride | ND | 6.0 | un/Ka | 04/21/09 | | п/J ш/Т | SWACDU |
| QA/QC Surrogates | | | ugnity | 0702 (103 | | ΠJ | SW820U |
| % 1,2-dichlorobenzene-d4 | 103 | | % | 04/21/00 | | | 0140000 |
| % Bromofluorobenzene | 90 | | % | 04/21/09 | | H/J | SW8260 |
| % Dibromofluoromethane | 103 | | 70 0/2 | 04/21/09 | | H/J | SW8260 |
| % Toluene-d8 | 99 | | 70 0/_ | 04/21/00 | | H/J | SW8260 |
| | | | /0 | 04/21/09 | | H/J | SW8260 |

| Client ID: LOUDON PLAZA GP | Client ID: LOUDON PLAZA GP-9 S-4A | | | | | | LD · AR59027 |
|----------------------------|-----------------------------------|----|-------|------|------|-----|--------------|
| Parameter | Result | RL | Units | Date | Time | Bv | Reference |
| | | | | | | - , | |

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director

April 27, 2009





Analysis Report

FOR: Attn: Mr. Jeff Wink NETC PO Box 2167 Ballston Spa, NY 12020

April 27, 2009

| Sample Informa | ation | Custody Inforr | nation | Date | Time |
|--|----------------------|---|----------------------|----------------------|---------------|
| Matrix: Location Code: Rush Request: | SOIL NETC RUSH | Collected by: Received by: Analyzed by: | LB see "By" below | 04/14/09 04/18/09 | 12:45 8:40 |
| P.0.#: | 08.1023054 | | | | |

Laboratory Data

SDG I.D.: GAR59024 Phoenix I.D.: AR59028

Client ID: LOUDON PLAZA GP-10 S-1

| Parameter | Result | RL | Units | Date | Time | By | Reference |
|-----------------------------|--------|-----|----------------|----------|------|------------|--------------------|
| Percent Solid | 74 | | % | 04/20/09 | | M-JL | E160.3 |
| Volatiles | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 6.8 | μα/Κα | 04/21/09 | | DU | 514/9060 |
| 1,1,1-Trichloroethane | ND | 6.8 | ua/Ka | 04/21/09 | | P/1 | SW6200 |
| 1,1,2,2-Tetrachloroethane | ND | 6.8 | ua/Ka | 04/21/09 | | 17/3 | SW6200 |
| 1,1,2-Trichloroethane | ND | 6.8 | ua/Ka | 04/21/09 | | | SVV820U SVV8200 |
| 1,1-Dichloroethane | ND | 6.8 | ua/Ka | 04/21/09 | | | SVV620U SVV8260 |
| 1,1-Dichloroethene | ND | 6.8 | ua/Ka | 04/21/09 | | D/1 | SVV020U |
| 1,1-Dichloropropene | ND | 6.8 | ug/Ka | 04/21/09 | | | SW0200 |
| 1,2,3-Trichlorobenzene | ND | 6.8 | ug/Ka | 04/21/09 | | | SW8200 |
| 1,2,3-Trichloropropane | ND | 6.8 | ug/Ka | 04/21/09 | | 5VJ | SW8200 |
| 1,2,4-Trichlorobenzene | ND | 6.8 | ug/Kg ug/Kg | 04/21/09 | | rvj D/J | SW8260 |
| 1,2,4-Trimethylbenzene | ND | 6.8 | ua/Ka | 04/21/09 | | | 5008260 |
| 1,2-Dibromo-3-chloropropane | ND | 6.8 | ug/Kg | 04/21/09 | | FVJ | SW8260 |
| 1,2-Dichlorobenzene | ND | 6.8 | ug/Kg | 04/21/09 | | | 5008200 |
| 1,2-Dichloroethane | ND | 6.8 | ug/Kg | 04/21/09 | | | SVV8200 |
| 1,2-Dichloropropane | ND | 6.8 | ua/Ka | 04/21/09 | | | SVV82DU |
| 1,3,5-Trimethylbenzene | ND | 6.8 | ug/Kg | 04/21/09 | | | SW8200 |
| 1,3-Dichlorobenzene | ND | 6.8 | ug/Kg | 04/21/09 | | R/J | SW8260 |
| 1,3-Dichloropropane | ND | 6.8 | ug/Kg | 04/21/09 | | RVJ | SW8260 |
| 1,4-Dichlorobenzene | ND | 6.8 | ug/Kg | 04/21/09 | | R/J | SW8260 |
| 2,2-Dichloropropane | ND | 6.8 | ug/Ka | 04/21/09 | | | SW8260 |
| 2-Chlorotoluene | ND | 6.8 | ug/Kg | 04/21/09 | | R/J | SW8260 |
| 2-Hexanone | ND | 34 | ug/Kg | 04/21/09 | | | SVV8260 |
| 2-Isopropyltoluene | ND | 6.8 | ug/Kg ug/Kg | 04/21/09 | | | SW8260 |
| 4-Chlorotoluene | ND | 6.8 | ug/Kg ug/Kg | 04/21/09 | | R/J | SW8260 |
| 4-Methyl-2-pentanone | ND | 34 | ug/Kg | 04/21/09 | | R/J | SW8260 |
| Acetone | ND | 34 | ug/Kg | 04/21/09 | | R/J | SW8260 |
| Acrylonitrile | ND | 14 | uo/Ka | 04/21/09 | | | SW826U |
| | | | Lynny | 57/21/03 | | K/J | 5118260 |

Client ID: LOUDON PLAZA GP-10 S-1

| Parameter | Result | RL | Units | Date | Time | By | Reference |
|-----------------------------|--------|-----|-------------------------|----------|------|-------------|-----------|
| Benzene | ND | 6.8 | ug/Kg | 04/21/09 | | R/J | SW8260 |
| Bromobenzene | ND | 6.8 | ug/Kg | 04/21/09 | | R/J | SW8260 |
| Bromochloromethane | ND | 6.8 | ug/Kg | 04/21/09 | | R/J | SW8260 |
| Bromodichloromethane | ND | 6.8 | ug/Kg | 04/21/09 | | R/J | SW8260 |
| Bromoform | ND | 6.8 | ug/Kg | 04/21/09 | | R/J | SW8260 |
| Bromomethane | ND | 6.8 | ug/Kg | 04/21/09 | | R/J | SW8260 |
| Carbon Disulfide | ND | 6.8 | ug/Kg | 04/21/09 | | R/.1 | SW8260 |
| Carbon tetrachloride | ND | 6.8 | ug/Kg | 04/21/09 | | R/J | SW8260 |
| Chlorobenzene | ND | 6.8 | ug/Kg | 04/21/09 | | R/J | SW8260 |
| Chloroethane | ND | 6.8 | ug/Kg | 04/21/09 | | R/.I | SW8260 |
| Chloroform | ND | 6.8 | ua/Ka | 04/21/09 | | R/1 | SW8260 |
| Chloromethane | ND | 6.8 | ua/Ka | 04/21/09 | | R/I | SW/8260 |
| cis-1,2-Dichloroethene | ND | 6.8 | ug/Ka | 04/21/09 | | R/I | SW8200 |
| cis-1,3-Dichloropropene | ND | 6.8 | ua/Ka | 04/21/09 | | R/1 | SW0200 |
| Dibromochloromethane | ND | 6.8 | ua/Ka | 04/21/09 | | R/1 | SW/8260 |
| Dibromoethane | ND | 6.8 | ua/Ka | 04/21/09 | | D/I | SW0200 |
| Dibromomethane | ND | 6.8 | ua/Ka | 04/21/09 | | | SW0200 |
| Dichlorodifluoromethane | ND | 6.8 | ua/Ka | 04/21/09 | | | SW8260 |
| Ethylbenzene | ND | 6.8 | ua/Ka | 04/21/09 | | | SW0200 |
| Hexachlorobutadiene | ND | 6.8 | ua/Ka | 04/21/09 | | D/1 | SW8200 |
| Isopropylbenzene | ND | 6.8 | ug/Kg | 04/21/09 | | | SW8200 |
| m&p-Xylene | ND | 6.8 | ua/Ka | 04/21/09 | | | 5448200 |
| Methyl Ethyl Ketone | ND | 34 | <u>-g</u> .τ.g μα/Κα | 04/21/09 | | | SVV820U |
| Methyl t-butyl ether (MTBE) | ND | 14 | ua/Ka | 04/21/09 | | | 5446200 |
| Methylene chloride | ND | 6.8 | ua/Ka | 04/21/09 | | DU | SW0200 |
| Naphthalene | ND | 6.8 | ua/Ka | 04/21/09 | | | SW8200 |
| n-Butylbenzene | ND | 6.8 | ua/Ka | 04/21/09 | | D/I | SW0200 |
| n-Propylbenzene | ND | 6.8 | ua/Ka | 04/21/09 | | D/1 | SW0200 |
| o-Xylene | ND | 6.8 | ua/Ka | 04/21/09 | | | SW8200 |
| p-Isopropyltoluene | ND | 6.8 | ua/Ka | 04/21/09 | | | SW0200 |
| sec-Butylbenzene | ND | 6.8 | ua/Ka | 04/21/09 | | DI | 5149260 |
| Styrene | ND | 6.8 | ua/Ka | 04/21/09 | | D/I | SVV8200 |
| tert-Butylbenzene | ND | 6.8 | ua/Ka | 04/21/09 | | | SW0200 |
| Tetrachloroethene | 35 | 6.8 | ua/Ka | 04/21/09 | | | SW02DU |
| Tetrahydrofuran (THF) | ND | 14 | ug/Kg | 04/21/09 | | | SW8200 |
| Toluene | ND | 6.8 | ug/Kg | 04/21/09 | | EVJ | SW8200 |
| Total Xylenes | ND | 6.8 | ug/Kg ug/Kg | 04/21/09 | | | SW8260 |
| trans-1,2-Dichloroethene | ND | 6.8 | ug/Kg un/Ka | 04/21/09 | | rvj D/J | SW8260 |
| trans-1,3-Dichloropropene | ND | 6.8 | ug/Kg | 04/21/09 | | R/J D/J | SW8260 |
| trans-1,4-dichloro-2-butene | ND | 14 | ug/Kg | 04/21/09 | | R/J | SW8260 |
| Trichloroethene | ND | 6.8 | ug/Kg | 04/21/00 | | R/J | SW8260 |
| Trichlorofluoromethane | ND | 6.8 | ug/Ka | 04/21/09 | | R/J | SW8260 |
| Trichlorotrifluoroethane | ND | 6.8 | ug/Kg | 04/21/09 | | R/J | SW8260 |
| Vinyl chloride | ND | 6.8 | ug/Kg | 04/21/09 | | R/J | SW8260 |
| OA/OC Surrogates | | | ugniy | 04/21/03 | | R/J | SW8260 |
| % 1,2-dichlorobenzene-d4 | 99 | | % | 04/21/00 | | D /1 | 011/0200 |
| % Bromofluorobenzene | 91 | | 70 0/_ | 04/21/09 | | R/J | SW8260 |
| % Dibromofluoromethane | 99 | | 70 0 <u>/</u> | 04/21/09 | | K/J | SW8260 |
| % Toluene-d8 | 100 | | 70 0/_ | 04/21/09 | | R/J | SW8260 |
| | | | /0 | 04/21/09 | | K/J | SW8260 |

| Client ID: LOUDON PLAZA G | P-10 S-1 | | | | г |)h: | |
|---------------------------|----------|----|-------|------|------|--------|---------------|
| Parameter | Pocult | | | _ | F | noenix | I.D.: AR59028 |
| | nesult | RL | Units | Date | Time | By | Reference |
| | | | | | | - | |

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

My Un

Phyllis Shiller, Laboratory Director April 27, 2009





Analysis Report

FOR: Attn: Mr. Jeff Wink NETC PO Box 2167 Ballston Spa, NY 12020

April 22, 2009

| Sample Information | | Custody Inform | nation | Date | Time |
|--------------------|------------|----------------|----------------|----------|------|
| Matrix: | SOIL | Collected by: | | 04/15/09 | 9:50 |
| Location Code: | NETC | Received by: | LB | 04/18/09 | 8:40 |
| Rush Request: | RUSH | Analyzed by: | see "By" below | | |
| P.0.#: | 08.1023054 | | - | | |

Laboratory Data

SDG I.D.: GAR59024 Phoenix I.D.: AR59029

Client ID: LOUDON PLAZA GP-11 S-4B

| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
|-----------------------------|--------|-----|-------|----------|------|------|-----------|
| Percent Solid | 83 | | % | 04/20/09 | | M-JL | E160.3 |
| Volatiles | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1,1-Trichloroethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1,2,2-Tetrachloroethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1,2-Trichloroethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1-Dichloroethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1-Dichloroethene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,1-Dichloropropene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2,3-Trichlorobenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2,3-Trichloropropane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2,4-Trichlorobenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2,4-Trimethylbenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2-Dibromo-3-chloropropane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2-Dichlorobenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2-Dichloroethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,2-Dichloropropane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,3,5-Trimethylbenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,3-Dichlorobenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,3-Dichloropropane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 1,4-Dichlorobenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 2,2-Dichloropropane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 2-Chlorotoluene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 2-Hexanone | ND | 30 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 2-lsopropyltoluene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 4-Chlorotoluene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| 4-Methyl-2-pentanone | ND | 30 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Acetone | ND | 30 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Acrylonitrile | ND | 12 | ug/Kg | 04/21/09 | | H/J | SW8260 |

Client ID: LOUDON PLAZA GP-11 S-4B

| Parameter | Result | RL | Units | Date | Time | By | Reference |
|-----------------------------|--------|-----|-------|----------|------|-----|-----------|
| Benzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromobenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromochloromethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromodichloromethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromoform | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Bromomethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Carbon Disulfide | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Carbon tetrachloride | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chlorobenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chloroethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chloroform | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Chloromethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| cis-1,2-Dichloroethene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| cis-1,3-Dichloropropene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Dibromochloromethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Dibromoethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Dibromomethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Dichlorodifluoromethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Ethvlbenzene | ND | 6.0 | ug/Kg | 04/21/09 | • | H/J | SW8260 |
| Hexachlorobutadiene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Isopropylbenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| m&p-Xylene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Methyl Ethyl Ketone | ND | 30 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Methyl t-butyl ether (MTBE) | ND | 12 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Methylene chloride | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Naphthalene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| n-Butylbenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| n-Propylbenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| o-Xylene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| p-Isopropyltoluene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| sec-Butylbenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Styrene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| tert-Butylbenzene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Tetrachloroethene | 22 | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Tetrahydrofuran (THF) | ND | 12 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Toluene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Total Xylenes | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| trans-1,2-Dichloroethene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| trans-1,3-Dichloropropene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| trans-1,4-dichloro-2-butene | ND | 12 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Trichloroethene | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Trichlorofluoromethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Trichlorotrifluoroethane | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| Vinyl chloride | ND | 6.0 | ug/Kg | 04/21/09 | | H/J | SW8260 |
| QA/QC Surrogates | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 100 | | % | 04/21/09 | | H/J | SW8260 |
| % Bromofluorobenzene | 91 | | % | 04/21/09 | | H/J | SW8260 |
| % Dibromofluoromethane | 95 | | % | 04/21/09 | | H/J | SW8260 |
| % Toluene-d8 | 103 | | % | 04/21/09 | | H/J | SW8260 |

| Client ID: LOUDON PLAZA G | P-11 S-4B | | | | F | hoenix | I.D.: AR59029 |
|---------------------------|-----------|----|-------|------|------|--------|---------------|
| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
| | | | | | | | |

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

My this

Phyllis Shiller, Laboratory Director April 22, 2009





QA/QC Report

| April 22, 2009 | QA/C | C Data | | | SDG I | .D.: GAR5 | 59024 | |
|-----------------------------------|---------------------|-------------|------------|------------|-------------|-----------------|-------|--|
| Parameter | Blank | LCS % | LCSD % | LCS RPD | MS Rec % | MS Dup Rec % | RPD | |
| QA/QC Batch 125403, QC Sample No: | : AR58848 (AR59024, | AR59025, AR | 59026, AR5 | 9027, AR5 | 59029) | | | |
| Volatiles | | | | | | | | |
| 1.1.1.2-Tetrachloroethane | ND | 92 | 88 | 4.4 | 90 | 92 | 2.2 | |
| 1.1.1-Trichloroethane | ND | 92 | 88 | 4.4 | 92 | 95 | 3.2 | |
| 1.1.2.2-Tetrachloroethane | ND | 86 | 85 | 1.2 | 81 | 79 | 2.5 | |
| 1.1.2-Trichloroethane | ND | 95 | 96 | 1.0 | 97 | 97 | 0.0 | |
| 1.1-Dichloroethane | ND | 101 | 98 | 3.0 | 103 | 105 | 1.9 | |
| 1.1-Dichloroethene | ND | 89 | 90 | 1.1 | 102 | 108 | 5.7 | |
| 1.1-Dichloropropene | ND | 92 | 91 | 1.1 | 100 | 102 | 2.0 | |
| 1.2.3-Trichlorobenzene | ND | 83 | 91 | 9.2 | 77 | 87 | 12.2 | |
| 1.2.3-Trichloropropane | ND | 104 | 99 | 4.9 | 96 | 102 | 6.1 | |
| 1,2,4-Trichlorobenzene | ND | 80 | 83 | 3.7 | 71 | 79 | 10.7 | |
| 1.2.4-Trimethylbenzene | ND | 95 | 93 | 2.1 | 90 | 92 | 2.2 | |
| 1,2-Dibromo-3-chloropropane | ND | 83 | 96 | 14.5 | 89 | 99 | 10.6 | |
| 1,2-Dichlorobenzene | ND | 92 | 92 | 0.0 | 88 | 91 | 3.4 | |
| 1,2-Dichloroethane | ND | 87 | 87 | 0.0 | 87 | 87 | 0.0 | |
| 1,2-Dichloropropane | ND | 102 | 99 | 3.0 | 103 | 102 | 1.0 | |
| 1,3,5-Trimethylbenzene | ND | 95 | 91 | 4.3 | 93 | 93 | 0.0 | |
| 1,3-Dichlorobenzene | ND | 91 | 90 | 1.1 | 86 | 89 | 3.4 | |
| 1,3-Dichloropropane | ND | 96 | 93 | 3.2 | 98 | 97 | 1.0 | |
| 1,4-Dichlorobenzene | ND | 90 | 89 | 1.1 | 84 | 90 | 6.9 | |
| 2,2-Dichloropropane | ND | 89 | 86 | 3.4 | 88 | 89 | 1.1 | |
| 2-Chlorotoluene | ND | 95 | 94 | 1.1 | 96 | 96 | 0.0 | |
| 2-Hexanone | ND | 87 | 89 | 2.3 | 84 | 85 | 1.2 | |
| 2-Isopropyltoluene | ND | 95 | 94 | 1.1 | 95 | 95 | 0.0 | |
| 4-Chlorotoluene | ND | 94 | 92 | 2.2 | 91 | 90 | 1.1 | |
| 4-Methyl-2-pentanone | ND | 92 | 94 | 2.2 | 95 | 96 | 1.0 | |
| Acetone | ND | <70 | 71 | NC | 68 | 71 | 4.3 | |
| Acrylonitrile | ND | 101 | 100 | 1.0 | 102 | 105 | 2.9 | |
| Benzene | ND | 99 | 98 | 1.0 | 104 | 105 | 1.0 | |
| Bromobenzene | ND | 94 | 92 | 2.2 | 94 | 94 | 0.0 | |
| Bromochloromethane | ND | 96 | 94 | 2.1 | 98 | 103 | 5.0 | |
| Bromodichloromethane | ND | 93 | 93 | 0.0 | 87 | 89 | 2.3 | |
| Bromoform | ND | 83 | 86 | 3.6 | 85 | 90 | 5.7 | |
| Bromomethane | ND | <70 | 88 | NC | 83 | 111 | 28.9 | |
| Carbon Disulfide | ND | 74 | 72 | 2.7 | 104 | 110 | 5.6 | |
| Carbon tetrachloride | ND | 83 | 83 | 0.0 | 85 | 88 | 3.5 | |
| Chlorobenzene | ND | 96 | 93 | 3.2 | 95 | 99 | 4.1 | |
| Chloroethane | ND | 92 | 92 | 0.0 | 103 | 113 | 9.3 | |
| Chloroform | ND | 96 | 93 | 3.2 | 95 | 97 | 2.1 | |

QA/QC Data

SDG I.D.: GAR59024

| Parameter | Blank | LCS % | LCSD % | LCS RPD | MS Rec % | MS Dup Rec % | RPD | |
|----------------------------------|-------------------------|----------|-----------|------------|-------------|-----------------|------|---|
| Chloromethane | ND | 98 | 92 | 6.3 | 111 | 110 | 0.9 | • |
| cis-1,2-Dichloroethene | ND | 101 | 99 | 2.0 | 104 | 107 | 2.8 | |
| cis-1,3-Dichloropropene | ND | 92 | 91 | 1.1 | 93 | 94 | 1.1 | |
| Dibromochloromethane | ND | 86 | 87 | 1.2 | 87 | 88 | 1.1 | |
| Dibromoethane | ND | 93 | 94 | 1.1 | 95 | 96 | 1.0 | |
| Dibromomethane | ND | 90 | 91 | 1.1 | 91 | 94 | 3.2 | |
| Dichlorodifluoromethane | ND | • 94 | 93 | 1.1 | 100 | 102 | 2.0 | |
| Ethylbenzene | ND | 98 | 95 | 3.1 | 98 | 101 | 3.0 | |
| Hexachlorobutadiene | ND | 86 | 90 | 4.5 | 84 | 87 | 3.5 | |
| Isopropylbenzene | ND | 96 | 91 | 5.3 | 102 | 100 | 2.0 | |
| m &p-Xylene | ND | 99 | 98 | 1.0 | 98 | 101 | 3.0 | |
| Methyl ethyl ketone | ND | 106 | 96 | 9.9 | 98 | 97 | 1.0 | |
| Methyl t-butyl ether (MTBE) | ND | 88 | 90 | 2.2 | 91 | 93 | 2.2 | |
| Methylene chloride | ND | 87 | 86 | 1.2 | 89 | 94 | 5.5 | |
| Nanhthalene | ND | 87 | 97 | 10.9 | 88 | 101 | 13.8 | |
| n-Butylbenzene | ND | 95 | 92 | 3.2 | 89 | 89 | 0.0 | |
| n-Propylbenzene | ND | 102 | 96 | 6.1 | 100 | 100 | 0.0 | |
| o-Xviene | ND | 97 | 95 | 2.1 | 97 | 101 | 4.0 | |
| n-Isopropyltoluene | ND | 97 | 95 | 2.1 | 90 | 92 | 2.2 | |
| sec-Butylbenzene | ND | 98 | 95 | 3.1 | 98 | 97 | 1.0 | |
| Styrene | ND | 98 | 97 | 1.0 | 96 | 100 | 4.1 | |
| tert-Butylbenzene | ND | 98 | 94 | 4.2 | 98 | 99 | 1.0 | |
| Tetrachloroethene | ND | 93 | 89 | 4.4 | 94 | 97 | 3.1 | |
| Tetrahydrofuran (THF) | ND | 100 | 98 | 2.0 | 102 | 105 | 2.9 | |
| Toluene | ND | 97 | 97 | 0.0 | 101 | 102 | 1.0 | |
| trans-1,2-Dichloroethene | ND | 93 | 94 | 1.1 | 102 | 105 | 2.9 | |
| trans-1,3-Dichloropropene | ND | 89 | 91 | 2.2 | 87 | 91 | 4.5 | |
| trans-1,4-dichloro-2-butene | ND | 83 | 89 | 7.0 | 79 | 85 | 7.3 | |
| Trichloroethene | ND | 96 | 97 | 1.0 | 106 | 113 | 6.4 | |
| Trichlorofluoromethane | ND | 93 | 90 | 3.3 | 93 | 97 | 4.2 | |
| Trichlorotrifluoroethane | ND | 91 | 89 | 2.2 | 97 | 100 | 3.0 | |
| Vinyl chloride | ND | 95 | 94 | 1.1 | 108 | 112 | 3.6 | |
| % 1,2-dichlorobenzene-d4 | 98 | 98 | 98 | 0.0 | 102 | 100 | 2.0 | |
| % Bromofluorobenzene | 91 | 97 | 97 | 0.0 | 97 | 98 | 1.0 | |
| % Dibromofluoromethane | 95 | 101 | 105 | 3.9 | 104 | 100 | 3.9 | |
| % Toluene-d8 | 100 | 101 | 103 | 2.0 | 101 | 102 | 1.0 | |
| Comment: | | | | | | | | |
| A blank MS/MSD was analzyed with | this batch. | | | | | | | |
| OA/OC Batch 125487, QC Sample | e No: AR58849 (AR59028) | | | | | | | |
| Volatiles | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 97 | 93 | 4.2 | 86 | 85 | 1.2 | |
| 1,1,1-Trichloroethane | ND | 96 | 91 | 5.3 | 87 | 89 | 2.3 | |
| 1,1,2,2-Tetrachloroethane | ND | 99 | 97 | 2.0 | 77 | 77 | 0.0 | |
| 1,1,2-Trichloroethane | ND | 101 | 98 | 3.0 | 92 | 95 | 3.2 | |
| 1,1-Dichloroethane | ND | 105 | 101 | 3.9 | 96 | 99 | 3.1 | |
| 1,1-Dichloroethene | ND | 100 | 97 | 3.0 | 93 | 99 | 6.3 | |
| 1,1-Dichloropropene | ND | 105 | 101 | 3.9 | 93 | 98 | 5.2 | |
| 1,2,3-Trichlorobenzene | ND | 100 | 99 | 1.0 | 79 | 81 | 2.5 | |

QA/QC Data

SDG I.D.: GAR59024

| Parameter | Blank | LCS % | LCSD % | LCS RPD | MS Rec % | MS Dup Rec % | RPD |
|--------------------------------|----------|----------|----------------|------------|-------------|----------------------|------------|
| 1,2,3-Trichloropropane | ND | 102 | 118 | 14.5 | 91 | 91 | 0.0 |
| 1,2,4-Trichlorobenzene | ND | 96 | 94 | 2.1 | 69 | 73 | 5.6 |
| 1,2,4-Trimethylbenzene | ND | 100 | 99 | 1.0 | 85 | 88 | 3.5 |
| 1,2-Dibromo-3-chloropropane | ND | 102 | 106 | 3.8 | 92 | 96 | 4.3 |
| 1,2-Dichlorobenzene | ND | 100 | 98 | 2.0 | 87 | 89 | 2.3 |
| 1,2-Dichloroethane | ND | 90 | 87 | 3.4 | 78 | 82 | 5.0 |
| 1,2-Dichloropropane | ND | 108 | 102 | 5.7 | 96 | 99 | 3.1 |
| 1,3,5-Trimethylbenzene | ND | 101 | 97 | 4.0 | 87 | 88 | 1.1 |
| 1,3-Dichlorobenzene | ND | 98 | 96 | 2.1 | 82 | 84 | 2.4 |
| 1,3-Dichloropropane | ND | 102 | 99 | 3.0 | 93 | 95 | 2.1 |
| 1,4-Dichlorobenzene | ND | 96 | 94 | 2.1 | 80 | 81 | 1.2 |
| 2,2-Dichloropropane | ND | 95 | 91 | 4.3 | 81 | 85 | 4.8 |
| 2-Chlorotoluene | ND | 103 | 100 | 3.0 | 91 | 91 | 0.0 |
| 2-Hexanone | ND | 95 | 93 | 2.1 | 82 | 82 | 0.0 |
| 2-Isopropyltoluene | ND | 99 | 97 | 2.0 | 89 | 90 | 1.1 |
| 4-Chlorotoluene | ND | 101 | 98 | 3.0 | 83 | 83 | 0.0 |
| 4-Methyl-2-pentanone | ND | 102 | 98 | 4.0 | 89 | 94 | 5.5 |
| Acetone | ND | <70 | <70 | NC | 59 | 63 | 6.6 |
| Acrylonitrile | ND | 107 | 104 | 2.8 | 97 | 102 | 5.0 |
| Benzene | ND | 107 | 105 | 1.9 | 97 | 103 | 6.0 |
| Bromobenzene | ND | 101 | 100 | 1.0 | 90 | 91 | 1.1 |
| Bromochloromethane | ND | 101 | 102 | 1.0 | 93 | 97 | 4.2 |
| Bromodichloromethane | ND | 98 | 94 | 4.2 | 81 | 85 | 4.8 |
| Bromoform | ND | 96 | 96 | 0.0 | 84 | 86 | 2.4 |
| Bromomethane | ND | 89 | 102 | 13.6 | 83 | 107 | 25.3 |
| Carbon Disulfide | ND | 102 | 99 | 3.0 | 94 | 98 | 4.2 |
| Carbon tetrachloride | ND | 89 | 88 | 1.1 | 80 | 84 | 4.9 |
| Chlorobenzene | ND | 102 | 99 | 3.0 | 91 | 93 | 2.2 |
| Chloroethane | ND | 104 | 102 | 1.9 | 96 | 99 | 3.1 |
| Chloroform | ND | 97 | 93 | 4.2 | 88 | 90 | 2.2 |
| Chloromethane | ND | 120 | 107 | 11.5 | 102 | 100 | 2.0 |
| cis-1,2-Dichloroethene | ND | 108 | 104 | 3.8 | 99 | 102 | 3.0 |
| cis-1,3-Dichloropropene | ND | 100 | 100 | 0.0 | 88 | 90 | 2.2 |
| Dibromochloromethane | ND | 93 | 93 | 0.0 | 85 | 85 | 0.0 |
| Dibromoethane | ND | 101 | 103 | 2.0 | 91 | 95 | 4.3 |
| Dibromomethane | ND | 96 | 96 | 0.0 | 84 | 90 | 0.9 |
| Dichlorodifluoromethane | ND | 127 | 123 | 3.2 | 95 | 99 | 4.1 |
| Ethylbenzene | ND | 103 | 102 | 1.0 | 93 | 90 | 2.1 |
| Hexachlorobutadiene | ND | 93 | 93 | 0.0 | /9 | 64 07 | 1.0 |
| lsopropylbenzene | ND | 101 | 98 | 3.0 | 90 | 97 | 1.0 |
| m&p-Xylene | ND | 107 | 103 | 3.8 | 94 | 94 | 0.0 |
| Methyl ethyl ketone | ND | 113 | 90 | 10.3 | 94 | 80 | 0.9 |
| Methyl t-butyl ether (MTBE) | ND | 91 | 93 | 2.2 | 01 | 80 | 8.5 7 0 |
| Methylene chloride | ND | 90 | 91 | 1.1 | دة 70 | 100 | 7.0 3.0 |
| Naphthalene | ND | 112 | 111 | 0.9 | 9/ 9/ | 92 | 3.0 |
| n-Butylbenzene | ND | 102 | 97 | 5.0 | 8U 01 | 05 | J./ |
| n-Propylbenzene | ND | 107 | 105 | 1.9 | 0.3 A I | 50 05 | 4.3 |
| o-Xylene p-lsopropyltoluene | ND ND | 102 | 9 9 | 3.0 1.0 | 93 84 | 3 5 87 | 3.5 |

QA/QC Data

SDG I.D.: GAR59024

| Parameter | Blank | LCS % | LCSD % | LCS RPD | MS Rec % | MS Dup Rec % | RPD | |
|---------------------------------------|------------------|----------|-----------|------------|-------------|-----------------|-----|--|
| es c.Butylbenzene | ND | 101 | 99 | 2.0 | 93 | 94 | 1.1 | |
| Churana | ND | 104 | 103 | 1.0 | 94 | 96 | 2.1 | |
| tort-Butylbenzene | ND | 101 | 100 | 1.0 | 93 | 95 | 2.1 | |
| | ND | 101 | 96 | 5.1 | 92 | 90 | 2.2 | |
| Tetrabydrofuran (THF) | ND | 105 | 105 | 0.0 | 95 | 101 | 6.1 | |
| Telione | ND | 105 | 104 | 1.0 | 95 | 98 | 3.1 | |
| Diuene | ND | 104 | 104 | 0.0 | 92 | 97 | 5.3 | |
| [[alls-1,2-bichloropropene | ND | 97 | 97 | 0.0 | 81 | 87 | 7.1 | |
| trans-1, 3-Dichloro-2-butene | ND | 101 | 102 | 1.0 | 78 | 84 | 7.4 | |
| | ND | 103 | 99 | 4.0 | 102 | 106 | 3.8 | |
| | ND | 97 | 95 | 2.1 | 84 | 88 | 4.7 | |
| | ND | 94 | 94 | 0.0 | 92 | 95 | 3.2 | |
| | ND | 114 | 110 | 3.6 | 100 | 105 | 4.9 | |
| Vinyi chiolide | 101 | 99 | 100 | 1.0 | 100 | 101 | 1.0 | |
| % 1,2-dichlorobenzene-u4 | 92 | 95 | 98 | 3.1 | 97 | 98 | 1.0 | |
| % Bromofluorobenzene | 92 Q <i>4</i> | 103 | 105 | 1.9 | 97 | 105 | 7.9 | |
| % Dibromonuoromeinane % Toluene-d8 | 101 | 102 | 102 | 0.0 | 99 | 101 | 2.0 | |
| Comment: | | | | | | | | |

A blank MS/MSD was analyzed with this batch.

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

this

Phyllis/Shiller, Laboratory Director April 22, 2009





NY Temperature Narration

April 22, 2009

SDG I.D.: GAR59024

The samples in this delivery group were received at 8C. (Note acceptance criteria is above freezing up to 6C)

| / RECORD | Manchester, CT 06040 Har Henvery: Fax #:Fax #: | 645-8726 [X Email: Tab ret & NYCel IV. ion | 22A Project P.O: 08 . 1023054 | Phone #: 884-8545 | J:N. Fax#: BB4-9710 | | 100 100 100 100 100 100 100 100 100 100 | ari 1907 1907 1905 1905 1905 1905 1905 1905 1905 1905 | 20 20 20 20 20 20 20 20 20 20 20 20 20 2 | | | | | | | | | | | | | I I I I I I I I <th>I I I I I I I <t< th=""><th>I I I I I I I <t< th=""><th>Image: Standard Standa</th></t<></th></t<></th> | I I I I I I I <t< th=""><th>I I I I I I I <t< th=""><th>Image: Standard Standa</th></t<></th></t<> | I I I I I I I <t< th=""><th>Image: Standard Standa</th></t<> | Image: Standard Standa |
|---|---|--|-------------------------------|-------------------|---------------------|--------------------------------|---|---|--|--------------------|----------------------|---|---|---|---|--|--|--|--|---|--|--|--|---|--|
| pike, P.O. Box 370, Manchester, CT 06040 noenixlabs.com Fax (860) 645-0823 ervices (860) 645-8726 | ervices (860) 645-8726 | ĺ | audon Phaza | NETC | Jess wine | | | | | | | | | | | | | | | | | Time: Turnaround: 2 ZS 3 Davs* GA Mobility | Time: Tumaround: 2 2/5 2 2/5 2 Days* GB Mobility CT/RI 2 Days* GB Mobility CT/RI SW Protect. | Time: Turnaround: CT/RI Time: Turnaround: CT/RI Time: Turnaround: CT/RI Time: Turnaround: CT/RI Standard GM Protect. GM Protect. Other SW Protect. Ind. Vol. *SURCHARGE Res. Vol. Ind. Vol. | Time: Turnaround: Z Z Z S Z Z S Z Z Turnaround: 2 Days* G M Protect. 3 Days* G M Protect. CT/RI M M M M M M M M M M M M M |
| liddle Turnpike, P.O. Box 370, Manc service@phoenixlabs.com Fax (8 | | Client Services (860) 645 | oject: Laudon PlazA | port to: NETC | vicu ひまで Dice to: | Ilysis | | | | | | | | | | | | | | | | Image: Second condition Image: Second | Time: Turnaroun Time: Turnaroun Stands 3 Days OP40 2 LS | Time: Turnaroun Time: Turnaroun Time: 1 Day* Stands 2 2 Says Of Yo 2 Day* Of Hor 0 Of Hor Other Other | Time: Turnaroun Time: Turnaroun State whe Other State whe State whe |
| ヨイロン | 587 East Middle Email: servi | Clie | Project: | Report | Invoice | Analysi | sanhay blat | - E | Time | ampled / / / | iampled | ampled X 1:30 X 8:30 N | iampled 1:30 X 8:30 N X | iampled 1:30 X 8:30 X 1:30 X 1:30 X | iampled 1:30 X 2:30 X 2:30 X 1:30 X 1:30 X 1:30 X 1:30 X | iampled 1:30 X 2:30 X 1:30 X 1:30 X 1:30 X 1:30 X 1:30 X 1:54 X | ampled 1:30 X 2:30 X 2:30 X 2:30 X 1:30 X 1:20 X 1:20 X 1:20 X 1:30 X | ampled 1:30 X X:30 X X:30 X X:30 X X:1:30 X 1:30 X 1:30 X 1:50 X | ampled 1:30 X 1:30 X | ampled 1:30 X 1:30 X 2:30 X 1:30 X 1:30 X 1:30 X 1:30 X 1:50 X | ampled 1:30 X X X X X X X X X X X X X X X X X X | ampled 1:30 X 2:30 X 1:30 X 1:10 X | ampled 1:30 X 2:30 X 1:30 X 1:130 | ampled 1:30 X 1:30 X | ampled 1:30 X 1:30 X |
| | | lC. | | | 12020 | lification | Date 7/. | O=other | ample Date | atrix Sampled S | Sampled S 5 1/3 1 | atrix Sampled Si 5 1//3 1/ 5 1//3 5 | atrix Sampled Si 5 1//3 1/ 5 1//3 5 5 1//3 1 | atrix Sampled Si 5 1//3 1, 5 1//3 5 7//3 4 5 1//4 / | atrix Sampled Si 5 1//3 1/ 5 1//3 5 1//3 7 5 1//4 / 5 1//4 / | atrix Sampled Si 5 1/3 1 5 1/1/3 5 1/1/3 7 5 1/1/4 1 5 1/1/4 1 5 1/1/4 1 | atrix Sampled Si 5 1/3 1/ 5 1//3 1 5 1//3 1 5 1//4 / 5 1//4 / 5 1//4 / | atrix Sampled Si 5 1/3 1/ 5 1/1/3 1 5 1/1/4 1 5 1/1/4 1 5 1/1/4 1 5 1/1/4 1 5 1/1/4 1 5 1/1/4 1 5 1/1/5 1 5 1/1 | atrix Sampled Si 5 1/3 1/ 5 1/1/3 1 5 1/1/4 1 5 4/1/4 1 5 4/1/4 1 5 4/1/4 1 5 4/1/4 1 | atrix Sampled Si 5 1/3 1 5 1/1/3 5 4/1/4 1 5 4/1/4 1 5 4/1/4 1 5 4/1/4 1 5 4/1/4 1 5 4/1/5 5 6 1/1/5 1 1 1/1/5 | atrix Sampled 5: 5 1/3 1/ 5 1/1/3 5 4/1/3 5 4/1/4 1/ 5 4/1/4 1/ 5 4/1/5 5 4/1/5 5 4/1/5 1/ 5 4/1/5 1/ 5 4/1/5 1/ 5 4/1/5 1/ 5 4/1/5 1/ 5 4/1/5 1/ 5 4/1/5 1/ 5 5 4/1/5 1/ 5 6 4/1/5 1/ 5 7 4/15 1 | atrix Sampled 5: 5 1/3 1/ 5 1/3 1/ 5 1/1/3 5 4/1/3 5 4/1/3 7 5 4/1/3 7 5 4/1/3 7 5 4/1/3 7 5 4/1/3 7 6 7 1/1/3 7 1/1/ | atrix Sampled 5: 5 1/3 1/ 5 1/3 1/ 5 1/1/4 1/ 6 1/1/5 1/ 7 1/ | atrix Sampled 55 55 1/3 1/3 1/3 55 1/1/4 1/3 5 5 1/1/4 1/3 5 5 1/1/4 1/3 5 1/1/5 5 | atrix Sampled IS: 5 1/3 1/3 1/3 1/3 1/3 5 4/1/4 1/3 3 5 1/1/4 1 |
| A TTT ATT | EINIX T | uu Laooratories, 17 | 7C | 1450 | SIGN SPA NY | nt Sample - Information - Iden | Gy DM | WW=wastewater S=soil/solld SL=sludge A=air | Customer Sample St Identification M | | GP-6 5-4A " | 6P-7 5-44 " | 69-6 5-48 " | 69-9 5-49 28-9 5-40 28-9 5-40 | 69-6 5-49 69-9 5-40 69-10 5-1 | 69-6 5-48 29-7 5-38 69-8 5-48 28-9 5-48 69-10 5-1 69-11 5-48 | 69-10 5-18 69-10 5-18 69-10 5-1 69-11 5-48 69-11 5-48 | 69-10 5-13 69-10 5-19 69-10 5-1 69-10 5-1 69-11 5-48 69-11 5-48 | 69-10 5-18 29-9 5-48 29-9 5-48 29-9 5-98 69-10 5-1 69-11 5-48 | 69-6 5-4A 58-9 5-40 58-9 5-40 69-10 5-1 69-11 5-4B | 69-65-47 28-7 5-47 69-9 5-48 29-9 5-48 69-10 5-1 69-11 5-48 | 69-6 5-44 59-9 5-49 69-9 5-49 69-10 5-1 69-10 5-1 69-11 5-48 69-10 5-1 69-11 5-48 | 56-6 5-4A 56-9 5-4A 56-9 5-4A 56-9 5-4A 56-9 5-1 59-10 5-1 59-10 5-1 59-10 5-1 | 52-7 5-44 52-7 5-44 52-9 5-48 52-9 5-48 52-9 5-48 52-11 5-48 52-11 5-48 52-11 5-48 64 by: 64 | 52-7 5-44 52-7 5-44 52-9 5-46 52-9 5-49 52-9 5-49 52-9 5-49 52-1 5-48 52-1 5-48 52-1 5-48 60 by: C2P-1 5-48 C2P-10 5-1 5-48 C2P-10 5-100 C2P-10 5-100 C2P- |
| | INHO | 1 uauiu 0110117 | Customer: WE | Address: 1476 | Bentie | Clien Sampler's | Signature | DW=drinking water GW=groundwater | Phoenix Sample # | | 590241 | 59024 (| 59024 (59025 6 59026 6 | 59024 (59025 6 59026 6 | 59024 (59025 6 59026 6 59027 6 | 59024 0 59025 0 59027 0 59027 0 59038 0 | 59024 59025 59027 59038 59038 59038 | 59024 59025 59027 59028 59028 59029 59029 | 59024 59025 59027 59038 59038 59039 59039 59039 | 59024 6 59025 6 59027 6 59028 6 | 59024 59025 59026 59028 59029 59029 59029 | 59024 0 59025 0 59021 6 59037 6 59038 0 59038 0 59039 0 | 59024 6 59025 6 59026 6 59037 6 59038 6 59038 6 59038 6 59038 6 | 59024 6 59025 6 59026 5 59037 6 59038 7 59038 6 59038 6 50038 6 50008 6 5000000000000000000000000000000000000 | 59025 59025 59026 59027 59028 59038 59038 59039 59039 59039 59039 59039 59039 59039 59039 59039 59039 59039 59039 59039 59037 50037 5007 500 |

APPENDIX F

PEL GROUNDWATER QUALITY REPORT



GROUNDWATER ANALYTICAL DATA (EPA Method 8260) Page 1 of 2

Loudon Plaza 350 Northern Blvd. Albany, NY 12204 Date: April 16, 2009

| | GROUNDWATER SAMPLE DESCRIPTION | | | | | | | | | | |
|-----------------------------|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| PARAMETER | MW-1 | MW-2 | MW-4 | MW-5 | MW-6 | MW-7 | MW-8 | MW-9 | MW-10 | MW-11 | DEC |
| Date Sampled: | 04/16/2009 | D4/16/2009 | 04/16/2009 | 04/16/2009 | 04/16/2009 | 04/16/2009 | 04/16/2009 | 04/16/2009 | 04/16/2009 | 04/16/2009 | |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5 |
| 1,1,1-Trichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5 |
| 1,1,2-Trichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 1 |
| 1,1-Dichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | <u> </u> |
| 1,1-Dichloroethene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,1-Dichloropropene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,2,3-Trichlorobenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0 |
| 1,2,3-Trichloropropane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.04 |
| 1,2,4-Trichlorobenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5 |
| 1,2,4-Trimethylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5 |
| 1,2-Dibromo-3-Chloropropane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.04 |
| 1,2-Dichlorobenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2 |
| 1,2-Dichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 3 |
| 1,2-Dichloropropane | ND | ND | ND | ND | ND | ND | ND | | | | 0.8 |
| 1,3,5-Trimethylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,3-Dichlorobenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 |
| 1,3-Dichloropropane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | <u>5</u> |
| 1,4-Dichlorobenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| 2,2-Dichloropropane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | £ |
| 2-Chlorotoluene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ō |
| 2-Hexanone | ND | ND | ND | ND | ND | ND | ND | ND | | | 5 E* |
| 2-Isopropyltoluene | ND | ND | ND | ND | ND | ND | ND | ND | | ND | 5 |
| 4-Chlorotoluene | ND | ND | ND | ND | ND | ND | ND | | ND | | 5 |
| 4-Methyl-2-pentanone | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 50 |
| Acetone | ND | ND | ND | ND | ND | ND | ND | ND | | ND | 50 |
| Acrylonitrile | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| Benzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0.7 |
| Bromobenzene | ND | ND | ND | ND | ND | ND | ND | ND | | ND | U.1 |
| Bromochloromethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5 |
| Bromodichloromethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5* |

Notes: All concentrations are in ug/kg or ppb (parts per billion) DEC = Groundwater quality standards & guidelines (6NYCRR Part 703) and NYSDEC - TAGM - Determination of Soil Cleanup Objectives and Cleanup Levels, 1994. * Principal organic compound standard for groundwater is 5 ppb

GROUNDWATER ANALYTICAL DATA (EPA Method 8260) Page 2 of 2

Loudon Plaza

350 Northern Blvd. Albany, NY 12204

Date: April 16, 2009

| | | | | GROU | NDWATER S | AMPLE DESC | RIPTION | | | | |
|-----------------------------|------------|------------|-------------------|------------|------------|------------|------------|------------|------------|------------|-----------|
| PARAMETER | MW-1 | MW-2 | MW-4 | MW-5 | MW-6 | MW-7 | MVV-8 | MW-9 | MW-10 | MW-11 | DEC |
| Date Sampled: | 04/16/2009 | 04/16/2009 | 04/16/2009 | 04/16/2009 | 04/16/2009 | 04/16/2009 | 04/16/2009 | 04/16/2009 | 04/16/2009 | 04/16/2009 | |
| Bromoform | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 5* |
| Bromomethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5 |
| Carbon Disulfide | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 50 |
| Carbon Tetrachloride | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 50 |
| Chlorobenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | <u> </u> |
| Chloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 5 |
| Chloroform | ND | ND | ND | ND | ND | ND | 11 | ND | ND | ND - | 7 |
| Chloromethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5* |
| cis-1,2-Dichloroethene | 19 / | 1.3 v | 54 | ND | ND | ND | 200 | ND | ND | ND | 5 |
| cis-1,3-Dichloropropene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.4** |
| Dibromochloromethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| Dibromoethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5* |
| Dibromomethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5* |
| Dichlorodifluoromethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 |
| Ethylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | <u>5</u> |
| Hexachlorobutadiene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.6 |
| Isopropylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5* |
| m&p-Xylene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | <u> </u> |
| Methyl Ethyl Ketone | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5* |
| MTBE | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 10 |
| Methylene Chloride | NÐ | ND | ND | ND | ND | ND | ND | ND | ND | | 5 |
| Napthalene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 10 |
| n-Butylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0 |
| n-Propylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5 |
| o-Xylene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5 |
| p-Isopropyltoluene | ND | ND | ND | ND | ND | ND | ND | ND | ND | | E |
| sec-Butylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5 |
| Styrene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5* |
| tert-Butylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | U |
| Tetrachloroethene (Perc) | 100 . | 170 | 1400 [^] | 52 | ND | ND | 250 | ND | 71 | 34 | 5 |
| Tetrahydrofuran (THF) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5* |
| Toluene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5 |
| trans-1,2-Dichloroethene | ND | ND | ND | ND | ND | ND | 1.8 | ND | | | 5 |
| Trans-1,3-Dichloropropene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.4 |
| Trans-1,4-dichloro-2-butene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.4 £* |
| Trichloroethene (TCE) | 11 | 3.0 | 34 | ND | ND | ND | 33 | ND | | ND | 5 |
| Trichlorofluoromethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| Trichlorotrifluoroethane | ND | ND | ND | ND | | ND ND | ND | | | | 5 |
| Vinyl Chloride | ND | ND | ND | ND | ND | ND | ND | | | | <u></u> |
| Total VOCs | 130 | 174 | 1,488 | 52 | 0 | 0 | 496 | 0 | 71 | <u>IU</u> | |

Notes: All concentrations are in ug/kg or ppb (parts per billion) DEC = Groundwater quality standards & guidelines (6NYCRR Part 703) and NYSDEC - TAGM - Determination of Soil Cleanup Objectives and Cleanup Levels, 1994.

* Principal organic compound standard for groundwater is 5 ppb





Analysis Report

FOR: Attn: Mr. Jeff Wink NETC PO Box 2167 Ballston Spa, NY 12020

April 22, 2009

| Sample Informa | ation | Custody Inform | nation | Date | Time |
|----------------|--------------|----------------|----------------|----------|---------------|
| Matrix: | GROUND WATER | Collected by: | | 04/16/09 | 13:20 |
| Location Code: | NETC | Received by: | LB | 04/18/09 | 8:40 |
| Rush Request: | RUSH | Analyzed by: | see "By" below | | |
| P.0.#: | 08.1032054 | | | | 0 4 10 5 00 4 |

Laboratory Data

SDG I.D.: GAR59041 Phoenix I.D.: AR59041

Client ID: LOUDON PLAZA MW-1

| Parameter | Result | RL | Units | Date | Time | By | Reference |
|-----------------------------|--------|------|-------|----------|------|-----|-----------|
| Volatiles | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1.1.1-Trichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1.1-Dichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1-Dichloroethene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1-Dichloropropene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1.2.4-Trichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1.2.4-Trimethylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1.2-Dichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1.3,5-Trimethylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1.3-Dichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1.3-Dichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1.4-Dichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2.2-Dichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2-Chlorotoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2-Hexanone | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2-lsopropyltoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 4-Chlorotoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 4-Methyl-2-pentanone | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Acetone | ND | 50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Acrylonitrile | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Benzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |

Client ID: LOUDON PLAZA MW-1

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Phoenix I.D.: AR59041
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| Parameter | Result | RL | Units | Date | Time | By | Reference |
|-----------------------------|--------|------|--------|----------|------|-----|-----------|
| Bromobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromochloromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromodichloromethane | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromoform | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromomethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Carbon Disulfide | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Carbon tetrachloride | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chloroform | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chloromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| cis-1,2-Dichloroethene | 19 | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| cis-1,3-Dichloropropene | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dibromochloromethane | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dibromoethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dibromomethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dichlorodifluoromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Ethylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Hexachlorobutadiene | ND | 0.40 | ug/L | 04/20/09 | | R/J | SW8260 |
| Isopropylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| m&p-Xylene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Methyl ethyl ketone | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Methylene chloride | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Naphthalene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| n-Butylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| n-Propylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| o-Xylene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| p-lsopropyltoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| sec-Butylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Styrene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| tert-Butylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Tetrachloroethene | 100 | 10 | ug/L | 04/20/09 | | R/J | SW8260 |
| Tetrahydrofuran (THF) | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Toluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Total Xylenes | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| trans-1,3-Dichloropropene | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| trans-1,4-dichloro-2-butene | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Trichloroethene | 11 | 1.0 | , ug/L | 04/20/09 | | R/J | SW8260 |
| Trichlorofluoromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Trichlorotrifluoroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Vinyl chloride | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| QA/QC Surrogates | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 103 | | % | 04/20/09 | | R/J | SW8260 |
| % Bromofluorobenzene | 87 | | % | 04/20/09 | | R/J | SW8260 |
| % Dibromofluoromethane | 104 | | % | 04/20/09 | | R/J | SW8260 |
| % Toluene-d8 | 96 | | % | 04/20/09 | | R/J | SW8260 |
| | | | | | | | |

| Client ID: LOUDON PLAZA MW-1 | | | | | F | hoenix | I.D.: AR59041 |
|------------------------------|--------|----|-------|------|------|--------|---------------|
| Parameter | Result | RL | Units | Date | Time | Ву | Reference |

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

My Ulis

Phyllis Shiller, Laboratory Director April 22, 2009





Analysis Report

April 22, 2009

FOR: Attn: Mr. Jeff Wink NETC PO Box 2167 Ballston Spa, NY 12020

| Sample Informa | ation | Custody Inform | nation | Date | Time |
|----------------|--------------|----------------|----------------|----------|-------|
| Matrix: | GROUND WATER | Collected by: | | 04/16/09 | 12:48 |
| Location Code: | NETC | Received by: | LB | 04/18/09 | 8:40 |
| Rush Request: | RUSH | Analyzed by: | see "By" below | | |
| P.0.#: | 08.1032054 | | | | |

Laboratory Data

SDG I.D.: GAR59041 Phoenix I.D.: AR59042

Client ID: LOUDON PLAZA MW-2

| Parameter | Result | RL | Units | Date | Time | By | Reference |
|-----------------------------|--------|------|-------|----------|------|-----|-----------|
| Volatiles | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1-Dichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1-Dichloroethene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1-Dichloropropene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,3-Dichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | - | R/J | SW8260 |
| 2,2-Dichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2-Chlorotoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2-Hexanone | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2-Isopropyltoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 4-Chlorotoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 4-Methyl-2-pentanone | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Acetone | ND | 50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Acrylonitrile | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Benzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |

Client ID: LOUDON PLAZA MW-2

| Client ID: LOUDON PLAZA MV | V-2. | | | | • | 10011 | X1.D /(100042 |
|-----------------------------|--------|------|-------|----------|------|-------|---------------|
| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
| Bromobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromochloromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromodichloromethane | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromoform | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromomethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Carbon Disulfide | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Carbon tetrachloride | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chloroform | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chloromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| cis-12-Dichloroethene | 1.3 | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| cis-1.3-Dichloropropene | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dibromochloromethane | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dibromoethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dibromomethane | ND | 1.0 | ua/L | 04/20/09 | | R/J | SW8260 |
| Dichlorodifluoromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Ethylbenzene | ND | 1.0 | ua/L | 04/20/09 | | R/J | SW8260 |
| Hexachlorobutadiene | ND | 0.40 | ua/L | 04/20/09 | | R/J | SW8260 |
| Isonronylbenzene | ND | 1.0 | ua/L | 04/20/09 | | R/J | SW8260 |
| m&n-Xylene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Methyl ethyl ketone | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Methylene chloride | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Nanhthalene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| n-Butvlbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| n-Propylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| o-Xvlene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| n-Isopropyltoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| sec-Butylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Styrene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| tert-Butylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Tetrachloroethene | 170 | 10 | ug/L | 04/20/09 | | R/J | SW8260 |
| Tetrahydrofuran (THF) | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Toluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Total Xylenes | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| trans-1.2-Dichloroethene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| trans-1.3-Dichloropropene | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| trans-1.4-dichloro-2-butene | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Trichloroethene | 3.0 | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Trichlorofluoromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Trichlorotrifluoroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Vinvl chloride | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| OA/OC Surrogates | | | - | | | | |
| % 1.2-dichlorobenzene-d4 | 102 | | % | 04/20/09 | | R/J | SW8260 |
| % Bromofluorobenzene | 87 | | % | 04/20/09 | | R/J | SW8260 |
| % Dibromofluoromethane | 99 | | % | 04/20/09 | | R/J | SW8260 |
| % Toluene-d8 | 96 | | % | 04/20/09 | | R/J | SW8260 |
| | | | | | | | |

| Client ID: LOUDON PLAZA MW-2 | PLAZA MW-2 Phoenix I.D.: AR5904 | | | | | | I.D.: AR59042 |
|------------------------------|---------------------------------|----|-------|------|------|----|---------------|
| Parameter | Result | RL | Units | Date | Time | Ву | Reference |

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

llis h

Phyllis Shiller, Laboratory Director April 22, 2009





Analysis Report

April 22, 2009

FOR: Attn: Mr. Jeff Wink NETC PO Box 2167 Ballston Spa, NY 12020

Sample Information **Custody Information** Date Time Collected by: 04/16/09 **GROUND WATER** 12:35 Matrix: Location Code: Received by: NETC 04/18/09 LB 8:40 **Rush Request:** RUSH Analyzed by: see "By" below P.0.#: 08.1032054

Laboratory Data

SDG I.D.: GAR59041 Phoenix I.D.: AR59043

Client ID: LOUDON PLAZA MW-4

| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
|-----------------------------|--|------|-------|----------|----------|-----|-----------|
| Volatiles | n na sana ang kana a | | | | <u> </u> | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1-Dichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1-Dichloroethene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1-Dichloropropene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,3-Dichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2,2-Dichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2-Chlorotoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2-Hexanone | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2-lsopropyltoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 4-Chlorotoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 4-Methyl-2-pentanone | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Acetone | ND | 50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Acrylonitrile | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Benzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |

Client ID: LOUDON PLAZA MW-4

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| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
|-----------------------------|--------|------|-------|----------|------|-----|-----------|
| Bromobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromochloromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromodichloromethane | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromoform | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromomethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Carbon Disulfide | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Carbon tetrachloride | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chloroform | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chloromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| cis-1,2-Dichloroethene | 54 | 10 | ug/L | 04/20/09 | | R/J | SW8260 |
| cis-1,3-Dichloropropene | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dibromochloromethane | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dibromoethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dibromomethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dichlorodifluoromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Ethylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Hexachlorobutadiene | ND | 0.40 | ug/L | 04/20/09 | | R/J | SW8260 |
| Isopropylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| m&p-Xylene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Methyl ethyl ketone | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Methylene chloride | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Naphthalene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| n-Butylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| n-Propylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| o-Xylene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| p-Isopropyltoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| sec-Butylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Styrene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| tert-Butylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Tetrachloroethene | 1400 | 100 | ug/L | 04/20/09 | | R/J | SW8260 |
| Tetrahydrofuran (THF) | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Toluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Total Xylenes | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | ua/L | 04/20/09 | | R/J | SW8260 |
| trans-1,3-Dichloropropene | ND | 0.50 | ua/L | 04/20/09 | | R/J | SW8260 |
| trans-1,4-dichloro-2-butene | ND | 5.0 | ua/L | 04/20/09 | | R/J | SW8260 |
| Trichloroethene | 34 | 10 | ua/L | 04/20/09 | | R/J | SW8260 |
| Trichlorofluoromethane | ND | 1.0 | ua/L | 04/20/09 | | R/J | SW8260 |
| Trichlorotrifluoroethane | ND | 1.0 | ua/L | 04/20/09 | | R/J | SW8260 |
| √inyl chloride | ND | 1.0 | ua/L | 04/20/09 | | R/J | SW8260 |
| OA/OC Surrogates | | | - 3 | | | | |
| % 1,2-dichlorobenzene-d4 | 102 | | % | 04/20/09 | | R/I | SW8260 |
| % Bromofluorobenzene | 88 | | % | 04/20/09 | | R/J | SW8260 |
| % Dibromofluoromethane | 105 | | % | 04/20/09 | | R/J | SW8260 |
| % Toluene-d8 | 94 | | % | 04/20/09 | | R/J | SW8260 |
| | | | | | | | |
| Client ID: LOUDON PLAZA MW-4 | | | | | P | hoenix | I.D.: AR59043 |
|------------------------------|--------|----|-------|------|------|--------|---------------|
| Parameter | Result | RL | Units | Date | Time | By | Reference |

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director April 22, 2009





Environmental Laboratories, Inc. 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

FOR: Attn: Mr. Jeff Wink NETC PO Box 2167 Ballston Spa, NY 12020

April 22, 2009

| Sample Information | | Custody Inform | nation | Date | Time |
|--------------------|--------------|----------------|----------------|----------|-------|
| Matrix: | GROUND WATER | Collected by: | | 04/16/09 | 12:20 |
| Location Code: | NETC | Received by: | LB | 04/18/09 | 8:40 |
| Rush Request: | RUSH | Analyzed by: | see "By" below | | |
| P.O.#: | 08.1032054 | | | | |

Laboratory Data

SDG I.D.: GAR59041 Phoenix I.D.: AR59044

| Parameter | Result | RL | Units | Date | Time | By | Reference |
|-----------------------------|--------|------|-------|----------|------|-----|-----------|
| Volatiles | | | | <u></u> | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1-Dichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1-Dichloroethene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1-Dichloropropene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,3-Dichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2,2-Dichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2-Chlorotoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2-Hexanone | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2-Isopropyltoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 4-Chlorotoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 4-Methyl-2-pentanone | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Acetone | ND | 50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Acrylonitrile | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Benzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |

Phoenix I.D.: AR59044

| Parameter | Result | RL | Units | Date | Time | Вy | Reference |
|-----------------------------|--------|------|-----------------------|----------|------|---------|--------------------|
| Bromobenzene | ND | 1.0 | ua/l | 04/20/09 | | D/I | S/M/9260 |
| Bromochloromethane | ND | 1.0 | ua/L | 04/20/09 | | R/I | SW8260 |
| Bromodichloromethane | ND | 0.50 | -3/- ua/L | 04/20/09 | | P/1 | SW/9260 |
| Bromoform | ND | 1.0 | -3·- | 04/20/09 | | D/1 | SW0200 |
| Bromomethane | ND | 1.0 | -3 ua/l | 04/20/09 | | D/1 | SW0200 |
| Carbon Disulfide | ND | 5.0 | - <u>-</u> | 04/20/09 | | D/I | SW0200 |
| Carbon tetrachloride | ND | 1.0 | ua/i | 04/20/09 | | D/1 | SW0200 |
| Chlorobenzene | ND | 1.0 | - <u>9</u> /- ua/l | 04/20/09 | | D/I | SW0200 |
| Chloroethane | ND | 1.0 | uo/l | 04/20/09 | | | SW0200 |
| Chloroform | ND | 1.0 | - <u>9</u> .– ua/l | 04/20/09 | | 173 | SW0200 |
| Chloromethane | ND | 1.0 | ug/L | 04/20/09 | | | SW0200 |
| cis-1,2-Dichloroethene | ND | 1.0 | ua/l | 04/20/09 | | | SW8260 |
| cis-1,3-Dichloropropene | ND | 0.50 | ug/l | 04/20/09 | | | SW0200 |
| Dibromochloromethane | ND | 0.50 | -g/- | 04/20/09 | | D/I | SW0200 |
| Dibromoethane | ND | 1.0 | ug/L | 04/20/09 | | | SW0200 |
| Dibromomethane | ND | 1.0 | -g/- | 04/20/09 | | | SW0200 |
| Dichlorodifluoromethane | ND | 1.0 | ug/L | 04/20/09 | | | 5448200 |
| Ethylbenzene | ND | 1.0 | -g/- uo/i | 04/20/09 | | DU | SW0200 |
| Hexachlorobutadiene | ND | 0.40 | ug/L | 04/20/09 | | DI | SVV820U SVV8200 |
| Isopropylbenzene | ND | 1.0 | ug/L | 04/20/09 | | | SW8200 |
| m&p-Xylene | ND | 1.0 | uo/i | 04/20/09 | | | SW8200 |
| Methyl ethyl ketone | ND | 5.0 | ug/L ug/l | 04/20/09 | | | SW8200 |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | ug/L | 04/20/09 | | | SW8200 |
| Methylene chloride | ND | 1.0 | ua/L | 04/20/09 | | D/I | SW6200 |
| Naphthalene | ND | 1.0 | -9/- ua/l | 04/20/09 | | D/I | SW0200 |
| n-Butylbenzene | ND | 1.0 | -9/~ ua/l | 04/20/09 | | D/I | SW0200 |
| n-Propylbenzene | ND | 1.0 | ua/L | 04/20/09 | | R/I | SW8260 |
| o-Xylene | ND | 1.0 | ug/L | 04/20/09 | | В/Л | SW8260 |
| p-lsopropyltoluene | ND | 1.0 | ua/L | 04/20/09 | | R/1 | SW8260 |
| sec-Butylbenzene | ND | 1.0 | ua/L | 04/20/09 | | R/1 | SW8260 |
| Styrene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| tert-Butylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Tetrachloroethene | 52 | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Tetrahydrofuran (THF) | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Toluene | ND | 1.0 | ug/L | 04/20/09 | | R/.1 | SW8260 |
| Total Xylenes | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| trans-1,3-Dichloropropene | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| trans-1,4-dichloro-2-butene | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Trichloroethene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Trichlorofluoromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Trichlorotrifluoroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Vinyl chloride | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| QA/QC Surrogates | | | - | | | | |
| % 1,2-dichlorobenzene-d4 | 103 | | % | 04/20/09 | 1 | R/J | SW8260 |
| % Bromofluorobenzene | 85 | | % | 04/20/09 | i. | R/J | SW8260 |
| % Dibromofluoromethane | 99 | | % | 04/20/09 | ŗ | R/J | SW8260 |
| % Toluene-d8 | 98 | | % | 04/20/09 | F | | SW8260 |
| | | | | | | | |

| Client ID: LOUDON PLAZA MW-5 | | | | | Pł | noenix I. | D.: AR59044 |
|------------------------------|--------|----|-------|------|------|-----------|-------------|
| Parameter | Result | RL | Units | Date | Time | Ву | Reference |

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director April 22, 2009

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Environmental Laboratories, Inc. 587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06040 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

FOR: Attn: Mr. Jeff Wink NETC PO Box 2167 Ballston Spa, NY 12020

April 22, 2009

| Sample Information | | Custody Inform | nation | Date | Time |
|--------------------|--------------|----------------|----------------|----------|-------|
| Matrix: | GROUND WATER | Collected by: | | 04/16/09 | 13:05 |
| Location Code: | NETC | Received by: | LB | 04/18/09 | 8:40 |
| Rush Request: | RUSH | Analyzed by: | see "By" below | | |
| P.0.#: | 08.1032054 | | , | | |

Laboratory Data

SDG I.D.: GAR59041 Phoenix I.D.: AR59045

| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
|-----------------------------|--------|------|-------|----------|------|-----|-----------|
| Volatiles | | 41 | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1-Dichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1-Dichloroethene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1-Dichloropropene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,3-Dichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2,2-Dichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2-Chlorotoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2-Hexanone | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2-Isopropyltoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 4-Chlorotoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 4-Methyl-2-pentanone | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Acetone | ND | 50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Acrylonitrile | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Benzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |

Phoenix I.D.: AR59045

| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
|-----------------------------|--------|------|-------|----------|------|-----|-----------|
| Bromobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromochloromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromodichloromethane | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromoform | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromomethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Carbon Disulfide | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Carbon tetrachloride | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chloroform | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chloromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| cis-1.2-Dichloroethene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| cis-1,3-Dichloropropene | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dibromochloromethane | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dibromoethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dibromomethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dichlorodifluoromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Ethylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Hexachlorobutadiene | ND | 0.40 | ug/L | 04/20/09 | | R/J | SW8260 |
| Isopropylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| m&p-Xylene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Methyl ethyl ketone | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Methylene chloride | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Naphthalene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| n-Butylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| n-Propylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| o-Xylene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| p-Isopropyltoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| sec-Butylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Styrene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| tert-Butylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Tetrachloroethene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Tetrahydrofuran (THF) | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Toluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Total Xylenes | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| trans-1,3-Dichloropropene | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| trans-1,4-dichloro-2-butene | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Trichloroethene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Trichlorofluoromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Trichlorotrifluoroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Vinyl chloride | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| OA/OC Surrogates | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 103 | | % | 04/20/09 | | R/J | SW8260 |
| % Bromofluorobenzene | 88 | | % | 04/20/09 | | R/J | SW8260 |
| % Dibromofluoromethane | 99 | | % | 04/20/09 | | R/J | SW8260 |
| % Toluene-d8 | 99 | | % | 04/20/09 | | R/J | SW8260 |

| Client ID: LOUDON PLAZA MW-6 | | | | | Pł | noenix I. | D.: AR59045 |
|------------------------------|--------|----|-------|------|------|-----------|-------------|
| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
| | | | | | | | |

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director April 22, 2009





Environmental Laboratories, Inc. 587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06040 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 22, 2009

FOR: Attn: Mr. Jeff Wink NETC PO Box 2167 Ballston Spa, NY 12020

Sample Information **Custody Information** Date Time Matrix: **GROUND WATER** Collected by: 04/16/09 13:13 Location Code: NETC Received by: LB 04/18/09 8:40 **Rush Request:** RUSH Analyzed by: see "By" below P.O.#: 08.1032054

Laboratory Data

SDG I.D.: GAR59041 Phoenix I.D.: AR59046

| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
|-----------------------------|--------|------|-------|----------|------|-----|-----------|
| Volatiles | | | | · | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,1-Dichloroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,1-Dichloroethene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,1-Dichloropropene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,2-Dichloroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,2-Dichloropropane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,3-Dichloropropane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 2,2-Dichloropropane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 2-Chlorotoluene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 2-Hexanone | ND | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 2-Isopropyltoluene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 4-Chlorotoluene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 4-Methyl-2-pentanone | ND | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Acetone | ND | 50 | ug/L | 04/21/09 | | R/J | SW8260 |
| Acrylonitrile | ND | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Benzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| | | | | | | | |

Phoenix I.D.: AR59046

| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
|-----------------------------|--------|------|-------|----------|------|-----|-----------|
| Bromobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Bromochloromethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Bromodichloromethane | ND | 0.50 | ug/L | 04/21/09 | | R/J | SW8260 |
| Bromoform | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Bromomethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Carbon Disulfide | ND | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Carbon tetrachloride | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Chlorobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Chloroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Chloroform | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Chloromethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| cis-1,2-Dichloroethene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| cis-1,3-Dichloropropene | ND | 0.50 | ug/L | 04/21/09 | | R/J | SW8260 |
| Dibromochloromethane | ND | 0.50 | ug/L | 04/21/09 | | R/J | SW8260 |
| Dibromoethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Dibromomethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Dichlorodifluoromethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Ethylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Hexachlorobutadiene | ND | 0.40 | ug/L | 04/21/09 | | R/J | SW8260 |
| Isopropylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| m&p-Xylene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Methyl ethyl ketone | ND | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Methylene chloride | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Naphthalene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| n-Butylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| n-Propylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| o-Xylene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| p-Isopropyltoluene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| sec-Butylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Styrene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| tert-Butylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Tetrachloroethene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Tetrahydrofuran (THF) | ND | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Toluene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Total Xylenes | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| trans-1,3-Dichloropropene | ND | 0.50 | ug/L | 04/21/09 | | R/J | SW8260 |
| trans-1,4-dichloro-2-butene | ND | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Trichloroethene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Trichlorofluoromethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Trichlorotrifluoroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Vinyl chloride | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| QA/QC Surrogates | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 104 | | % | 04/21/09 | | R/J | SW8260 |
| % Bromofluorobenzene | 89 | | % | 04/21/09 | | R/J | SW8260 |
| % Dibromofluoromethane | 104 | | % | 04/21/09 | | R/J | SW8260 |
| % Toluene-d8 | 99 | | % | 04/21/09 | | R/J | SW8260 |

| Client ID: LOUDON PLAZA MW-7 | | | | | F | hoenix | I.D.: AR59046 |
|------------------------------|--------|----|-------|------|------|--------|---------------|
| Parameter | Result | RL | Units | Date | Time | By | Reference |

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director April 22, 2009



Environmental Laboratories, Inc. 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

April 22, 2009

FOR: Attn: Mr. Jeff Wink NETC PO Box 2167 Ballston Spa, NY 12020

Sample Information

| | nion | Custody Inform | nation | Date | Time |
|----------------|--------------|---------------------------------------|----------------|-------------|-------|
| Matrix: | GROUND WATER | Collected by: | | 04/16/09 | 13:30 |
| Location Code: | NETC | Received by: | LB | 04/18/09 | 8.40 |
| Rush Request: | RUSH | Analyzed by: | see "By" below | 0 11 101 00 | 0.40 |
| P.O.#: | 08.1032054 | , , , , , , , , , , , , , , , , , , , | | | |

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Laboratory Data

SDG I.D.: GAR59041 Phoenix I.D.: AR59047

| Parameter | Result | RL | Units | Date | Time | By | Reference |
|-----------------------------|--------|------|--------------|----------|------|-----|-----------|
| Volatiles | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ua/l | 04/20/09 | | DU | Olypaca |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1-Dichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1-Dichloroethene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,1-Dichloropropene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dichloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,2-Dichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/L. | 04/20/09 | | R/J | SW8260 |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,3-Dichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2,2-Dichloropropane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2-Chlorotoluene | ND | 1.0 | ug/L ug/l | 04/20/09 | | R/J | SW8260 |
| 2-Hexanone | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 2-Isopropyltoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 4-Chlorotoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| 4-Methyl-2-pentanone | ND | 5.0 | ug/L ug/l | 04/20/09 | | R/J | SW8260 |
| Acetone | ND | 50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Acrylonitrile | ND | 5.0 | ug/L ug/l | 04/20/09 | | R/J | SW8260 |
| Benzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| | | | սց/՟ | 04/20/09 | | K/J | SW8260 |

Phoenix I.D.: AR59047

| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
|-----------------------------|--------|------|-------|----------|------|-----|-----------|
| Bromobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromochloromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromodichloromethane | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromoform | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Bromomethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Carbon Disulfide | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Carbon tetrachloride | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chlorobenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chloroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chloroform | 11 | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Chloromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| cis-1,2-Dichloroethene | 200 | 20 | ug/L | 04/20/09 | | R/J | SW8260 |
| cis-1.3-Dichloropropene | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dibromochloromethane | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dibromoethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dibromomethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Dichlorodifluoromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Fthvlbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Hexachlorobutadiene | ND | 0.40 | ug/L | 04/20/09 | | R/J | SW8260 |
| Isopropylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| m&n-Xviene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Methyl ethyl ketone | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Methylene chloride | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Naphthalene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| n-Butylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| n-Propylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| o-Xylene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| p-Isopropyltoluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| sec-Butylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Styrene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| tert-Butylbenzene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Tetrachloroethene | 250 | 20 | ug/L | 04/20/09 | | R/J | SW8260 |
| Tetrahydrofuran (THF) | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Toluene | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Total Xylenes | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| trans-1,2-Dichloroethene | 1.8 | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| trans-1,3-Dichloropropene | ND | 0.50 | ug/L | 04/20/09 | | R/J | SW8260 |
| trans-1,4-dichloro-2-butene | ND | 5.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Trichloroethene | 33 | 20 | ug/L | 04/20/09 | | R/J | SW8260 |
| Trichlorofluoromethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Trichlorotrifluoroethane | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| Vinyl chloride | ND | 1.0 | ug/L | 04/20/09 | | R/J | SW8260 |
| OA/QC Surrogates | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 105 | | % | 04/20/09 | | R/J | SW8260 |
| % Bromofluorobenzene | 85 | | % | 04/20/09 | | R/J | SW8260 |
| % Dibromofluoromethane | 105 | | % | 04/20/09 | | R/J | SW8260 |
| % Toluene-d8 | 92 | | % | 04/20/09 | | R/J | SW8260 |

| Client ID: LOUDON PLAZA MW- | 8 | | | | F | hoenix | I.D.: AR59047 |
|-----------------------------|--------|----|-------|------|------|--------|---------------|
| Parameter | Result | RL | Units | Date | Time | By | Reference |
| | | | | | | | |

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

this

Phyllis Shiller, Laboratory Director April 22, 2009





Environmental Laboratories, Inc. 587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06040 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

FOR: Attn: Mr. Jeff Wink NETC PO Box 2167 Ballston Spa, NY 12020

April 22, 2009

| Sample Information | | Custody Inform | nation | Date | <u>Time</u> |
|--------------------|--------------|----------------|----------------|----------|-------------|
| Matrix: | GROUND WATER | Collected by: | | 04/16/09 | 12:58 |
| Location Code: | NETC | Received by: | LB | 04/18/09 | 8:40 |
| Rush Request: | RUSH | Analyzed by: | see "By" below | | |
| P.O.#: | 08.1032054 | | · | | |

Laboratory Data

SDG I.D.: GAR59041 Phoenix I.D.: AR59048

| Parameter | Result | RL | Units | Date | Time | By | Reference |
|-----------------------------|--------|------|-------|------------------|------|-----|-----------|
| Volatiles | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,1-Dichloroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,1-Dichloroethene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,1-Dichloropropene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,2-Dichloroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,2-Dichloropropane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,3-Dichloropropane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 2,2-Dichloropropane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 2-Chlorotoluene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 2-Hexanone | ND | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 2-IsopropyItoluene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 4-Chlorotoluene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 4-Methyl-2-pentanone | ND | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Acetone | ND | 50 | ug/L | 04/21/09 | | R/J | SW8260 |
| Acrylonitrile | ND | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Benzene | ND | 1.0 | ug/L | 04/2 1/09 | | R/J | SW8260 |

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Phoenix I.D.: AR59048
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| Parameter | Result | RL | Units | Date | Time | Вy | Reference |
|-----------------------------|--------|------|---------------|----------|------|-------------|-----------|
| Bromobenzene | ND | 1.0 | ug/L | 04/21/09 | | B/J | SW8260 |
| Bromochloromethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Bromodichloromethane | ND | 0.50 | ug/L | 04/21/09 | | R/J | SW8260 |
| Bromoform | ND | 1.0 | ua/L | 04/21/09 | | R/.1 | SW8260 |
| Bromomethane | ND | 1.0 | ua/L | 04/21/09 | | R/J | SW8260 |
| Carbon Disulfide | ND | 5.0 | ua/L | 04/21/09 | | R/.1 | SW8260 |
| Carbon tetrachloride | ND | 1.0 | ua/L | 04/21/09 | | R/.I | SW8260 |
| Chlorobenzene | ND | 1.0 | ua/L | 04/21/09 | | R/J | SW8260 |
| Chloroethane | ND | 1.0 | ua/L | 04/21/09 | | R/J | SW8260 |
| Chloroform | ND | 1.0 | uo/L | 04/21/09 | | R/1 | SW/8260 |
| Chloromethane | ND | 1.0 | -9/= ua/L | 04/21/09 | | R/J | SW8260 |
| cis-1,2-Dichloroethene | ND | 1.0 | -g/- | 04/21/09 | | R/I | SW/8260 |
| cis-1,3-Dichloropropene | ND | 0.50 | ua/l | 04/21/09 | | R/1 | SW8260 |
| Dibromochloromethane | ND | 0.50 | ug/L un/l | 04/21/09 | | D/1 | 511/9260 |
| Dibromoethane | ND | 1.0 | -9/- 110/1 | 04/21/09 | | D/I | SW0200 |
| Dibromomethane | ND | 1.0 | ug/L | 04/21/09 | | | SW8200 |
| Dichlorodifluoromethane | ND | 1.0 | ug/L | 04/21/09 | | | 5446200 |
| Ethylbenzene | ND | 1.0 | ug/L | 04/21/09 | | | SW0200 |
| Hexachlorobutadiene | ND | 0.40 | ug/L | 04/21/09 | | | SWAZOU |
| Isopropylbenzene | ND | 1.0 | ug/L | 04/21/09 | | | 5008200 |
| m&p-Xylene | ND | 1.0 | ug/c ug/l | 04/21/09 | | EV.J | SW8200 |
| Methyl ethyl ketone | ND | 5.0 | ug/L | 04/21/09 | | rvj D/J | SW8200 |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | ug/L ug/l | 04/21/09 | | | 5008200 |
| Methylene chloride | ND | 1.0 | ug/L | 04/21/09 | | | SW8260 |
| Naphthalene | ND | 1.0 | ug/L ug/l | 04/21/09 | | | 5008260 |
| n-Butylbenzene | ND | 1.0 | ug/L | 04/21/09 | | | 500200 |
| n-Propylbenzene | ND | 1.0 | ug/L | 04/21/09 | | D/I | 5140200 |
| o-Xylene | ND | 1.0 | ug/L | 04/21/09 | | D/1 | SW0200 |
| p-lsopropyltoluene | ND | 1.0 | ug/L | 04/21/09 | | D/I | SW0200 |
| sec-Butylbenzene | ND | 1.0 | ug/L ug/l | 04/21/09 | | R/1 | SW/8260 |
| Styrene | ND | 1.0 | ug/L | 04/21/09 | | R/1 | SW8260 |
| tert-Butylbenzene | ND | 1.0 | un/l | 04/21/09 | | D/1 | SW/8260 |
| Tetrachloroethene | ND | 1.0 | ug/L | 04/21/09 | | D/1 | SW0200 |
| Tetrahydrofuran (THF) | ND | 5.0 | ug/L | 04/21/09 | | D/1 | SW0200 |
| Toluene | ND | 1.0 | ua/1 | 04/21/09 | | R/1 | SW8260 |
| Total Xylenes | ND | 1.0 | -9 | 04/21/09 | | R/I | SW8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/L | 04/21/09 | | | SW8260 |
| trans-1,3-Dichloropropene | ND | 0.50 | ug/L ug/l | 04/21/09 | | D/1 | SW8200 |
| trans-1,4-dichloro-2-butene | ND | 5.0 | ug/L ug/l | 04/21/09 | | R/1 | 5102200 |
| Trichloroethene | ND | 1.0 | ug/L | 04/21/09 | | R/I | SW/8260 |
| Trichlorofluoromethane | ND | 1.0 | ug/L | 04/21/09 | | D/1 | SW/9260 |
| Trichlorotrifluoroethane | ND | 1.0 | ug/L un/l | 04/21/09 | | D/I | SW8200 |
| Vinyl chloride | ND | 1.0 | ug/L | 04/21/09 | | R/1 | SW8200 |
| OA/OC Surrogates | | | ugit | 0 | | гvэ | 300200 |
| % 1,2-dichlorobenzene-d4 | 102 | | % | 04/21/00 | | D /1 | SWROOD |
| % Bromofluorobenzene | 88 | | % | 04/21/00 | | rvj DVJ | SWOOD |
| % Dibromofluoromethane | 100 | | % | 04/21/09 | | ועם | SW02CO |
| % Toluene-d8 | 98 | | % | 04/21/00 | | ואס | SW8260 |
| | | | | 07721103 | | rvj | SYV820U |

| Client ID: LOUDON PLAZA MW-9 | | | | | F | hoenix | I.D.: AR59048 |
|------------------------------|--------|----|-------|------|------|--------|---------------|
| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
| | | | | | | | |

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director

April 22, 2009





Environmental Laboratories, Inc. 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

FOR: Attn: Mr. Jeff Wink NETC PO Box 2167 Ballston Spa, NY 12020

April 22, 2009

| Sample Information | | Custody Inform | nation | Date | <u>Time</u> |
|--------------------|--------------|----------------|----------------|----------|-------------|
| Matrix: | GROUND WATER | Collected by: | | 04/16/09 | 12:30 |
| Location Code: | NETC | Received by: | LB | 04/18/09 | 8:40 |
| Rush Request: | RUSH | Analyzed by: | see "By" below | | |
| P.0.#: | 08.1032054 | | | SDC ID - | CAD5004 |

Laboratory Data

SDG I.D.: GAR59041 Phoenix I.D.: AR59049

| Parameter | Result | RL | Units | Date | Time | By | Reference |
|-----------------------------|--------|------|-------|----------|------|-----|-----------|
| Volatiles | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,1-Dichloroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,1-Dichloroethene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,1-Dichloropropene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1.2.4-Trichlorobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1.2.4-Trimethylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1.2-Dibromo-3-chloropropane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1.2-Dichlorobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1.2-Dichloroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1.2-Dichloropropane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1.3.5-Trimethylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1.3-Dichlorobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1.3-Dichloropropane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 1.4-Dichlorobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 2.2-Dichloropropane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 2-Chlorotoluene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 2-Hexanone | ND | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 2-Isopropyltoluene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 4-Chlorotoluene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| 4-Methyl-2-pentanone | ND | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Acetone | ND | 50 | ug/L | 04/21/09 | | R/J | SW8260 |
| Acrvlonitrile | ND | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Benzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |

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Phoenix I.D.: AR59049
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| Parameter | Dooult | | 1.1 11 | _ | F | IX I.D.: AR59049 | |
|-----------------------------|--------|------------|--------------|----------|------|------------------|-----------|
| | Result | RL | Units | Date | Time | Ву | Reference |
| Bromobenzene | ND | 1.0 | ua/l | 04/21/09 | | D/1 | |
| Bromochloromethane | ND | 1.0 | ua/L | 04/21/09 | | | SW8260 |
| Bromodichloromethane | ND | 0.50 | ua/L | 04/21/09 | | | SW8260 |
| Bromoform | ND | 1.0 | ua/L | 04/21/09 | | | SW8260 |
| Bromomethane | ND | 1.0 | ua/L | 04/21/09 | | | SW8260 |
| Carbon Disulfide | ND | 5.0 | э ua/L | 04/21/09 | | | SW8260 |
| Carbon tetrachloride | ND | 1.0 | -9/~ uo/l | 04/21/09 | | R/J | SW8260 |
| Chlorobenzene | ND | 1.0 | -9/L ua/l | 04/21/09 | | R/J | SW8260 |
| Chloroethane | ND | 1.0 | -g/L un/l | 04/21/09 | | R/J | SW8260 |
| Chloroform | ND | 1.0 | ug/L ug/l | 04/21/00 | | R/J | SW8260 |
| Chloromethane | ND | 1.0 | ug/L un/l | 04/21/09 | | R/J | SW8260 |
| cis-1,2-Dichloroethene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| cis-1,3-Dichloropropene | ND | 0.50 | ug/L | 04/21/09 | | R/J | SW8260 |
| Dibromochloromethane | ND | 0.50 | ug/L | 04/21/09 | | R/J | SW8260 |
| Dibromoethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Dibromomethane | ND | 10 | ug/L | 04/21/09 | | R/J | SW8260 |
| Dichlorodifluoromethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Ethylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Hexachlorobutadiene | ND | 0.40 | uy/L | 04/21/09 | | R/J | SW8260 |
| Isopropylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| m&p-Xylene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Methyl ethyl ketone | ND | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | ug/∟ | 04/21/09 | | R/J | SW8260 |
| Methylene chloride | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Naphthalene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| n-Butylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| n-Propylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| o-Xylene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| p-lsopropyltoluene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| sec-Butylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Styrene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| tert-Butylbenzene | ND | 1.0 | ug/L | 04/21/09 | I | R/J | SW8260 |
| Tetrachloroethene | 71 | 1.U E.O | ug/L | 04/21/09 | . I | R/J | SW8260 |
| Tetrahydrofuran (THF) | ND | 5.0 | ug/∟ | 04/21/09 | 1 | ₹/J | SW8260 |
| Toluene | ND | 1.0 | ug/L | 04/21/09 | F | ₹/J | SW8260 |
| Total Xylenes | ND | 1.0 | ug/L | 04/21/09 | ł | ₹/J | SW8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/L | 04/21/09 | F | ٩Л | SW8260 |
| trans-1,3-Dichloropropene | ND | 1.0 | ug/L " | 04/21/09 | F | ₹/J | SW8260 |
| trans-1.4-dichloro-2-butene | ND | 0.50 | ug/L | 04/21/09 | F | R/J : | SW8260 |
| Trichloroethene | ND | 5.0 | ug/L | 04/21/09 | F | s/J : | SW8260 |
| Trichlorofluoromethane | ND | 1.0 | ug/L | 04/21/09 | F | หา เ | SW8260 |
| Trichlorotrifluoroethane | ND | 1.0 | ug/L | 04/21/09 | F | VJ S | SW8260 |
| Vinvl chloride | ND | 1.0 | ug/L | 04/21/09 | R | /J 5 | SW8260 |
| OA/OC Surrogatas | | 1.0 | ug/L | 04/21/09 | R | /J 5 | SW8260 |
| % 12-dichlorohenzono d4 | 104 | | | | | | |
| % Bromofluorobenzena | 104 | | % | 04/21/09 | R | /J S | SW8260 |
| % Dibromofluoromothana | 80 | | % | 04/21/09 | R | /J S | SW8260 |
| % Toluene-d8 | 100 | | % | 04/21/09 | R | /J s | W8260 |
| | 100 | | % | 04/21/09 | R/ | J S | W8260 |

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| Client ID: LOUDON PLAZA MW- | 10 | | | | F | Phoenix | I.D.: AR59049 |
|-----------------------------|--------|----|-------|------|------|---------|---------------|
| Parameter | Result | RL | Units | Date | Time | By | Reference |

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director April 22, 2009



Environmental Laboratories, Inc. 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

April 22, 2009

FOR: Attn: Mr. Jeff Wink NETC PO Box 2167 Ballston Spa, NY 12020

Sample Information

Benzene

| | | Custody Inforr | nation | Dete | |
|---------------|--------------|----------------|----------------|----------|-------|
| Matrix: | GROUND WATER | Collecter | | Date | Time |
| Location Code | NETO | Collected by: | | 04/16/09 | 13.30 |
| Duch Dogwood | NETC | Received by: | LB | 04/19/00 | 10.00 |
| Rush Request: | RUSH | Analyzed by: | | 04/18/09 | 8:40 |
| P.O.#: | 08,1032054 | and yzed by. | see "By" below | | |

Laboratory Data

ND

Client ID: LOUDON PLAZA MW-11

SDG I.D.: GAR59041 Phoenix I.D.: AR59050

R/J

R/J

SW8260

SW8260

| Parameter | Result | RL | Units | Data | T: | 5 | - |
|--|----------------------------|---|--------------------------------------|--|--------|---------------------------------|--|
| Volatiles | | | | | 1 ime | Ву | Reference |
| 1,1,1,2-Tetrachloroethane 1,1,1-Trichloroethane 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane | ND ND ND ND ND | 1.0 1.0 0.50 1.0 1.0 1.0 | ug/L ug/L ug/L ug/L ug/L | 04/21/09 04/21/09 04/21/09 04/21/09 04/21/09 | | R/J R/J R/J R/J R/J | SW8260 SW8260 SW8260 SW8260 SW8260 SW8260 |
| 1, 1-Dichloropropene 1,2,3-Trichlorobenzene 1,2,3-Trichloropropane | ND ND | 1.0 1.0 | ug/L ug/L | 04/21/09 04/21/09 04/21/09 | | R/J R/J R/J | SW8260 SW8260 SW8260 |
| 1,2,4-Trichlorobenzene 1,2,4-Trimethylbenzene | ND ND ND | 1.0 1.0 1.0 | ug/L ug/L ua/L | 04/21/09 04/21/09 04/21/09 | | R/J R/J | SW8260 SW8260 |
| 1,2-Dibromo-3-chloropropane 1,2-Dichlorobenzene 1,2-Dichloroethane | ND ND ND | 1.0 1.0 | ug/L ug/L ug/L | 04/21/09 04/21/09 | | R/J R/J R/J | SW8260 SW8260 SW8260 |
| 1,2-Dichloropropane 1,3,5-Trimethylbenzene 1,3-Dichlorobenzene | ND ND | 1.0 1.0 1.0 | ug/L ug/L ug/L | 04/21/09 04/21/09 04/21/09 | | R/J R/J R/I | SW8260 SW8260 SW8260 |
| 1,3-Dichloropropane 1,4-Dichlorobenzene | ND ND ND | 1.0 1.0 1.0 | ug/L ug/L ug/l | 04/21/09 04/21/09 04/21/00 | i | R/J R/J | SW8260 SW8260 SW8260 |
| 2,2-Dichloropropane 2-Chlorotoluene 2-Hexanone | ND ND | 1.0 1.0 | ug/L ug/L | 04/21/09 04/21/09 04/21/09 | F F | 4\] 4\] 4\] | SW8260 SW8260 SW8260 |
| 2-Isopropyltoluene 4-Chlorotoluene 4-Methyl-2-pentanone | ND ND | 5.0 1.0 1.0 | ug/L ug/L ug/L | 04/21/09 04/21/09 04/21/09 | R R | VJ (| SW8260 SW8260 SW8260 |
| Acetone Acrylonitrile | ND ND ND | 5.0 50 5.0 | ug/L ug/L ug/L | 04/21/09 04/21/09 04/21/09 | R | /J 8 /J 8 | SW8260 SW8260 |

ug/L

04/21/09

1.0

Phoenix I.D.: AR59050

| Parameter | Result | RL | Units | Date | Time | Ву | Reference |
|-----------------------------|--------|------|-------|----------|------|-----|-----------|
| Bromobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Bromochloromethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Bromodichloromethane | ND | 0.50 | ug/L | 04/21/09 | | R/J | SW8260 |
| Bromoform | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Bromomethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Carbon Disulfide | ND | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Carbon tetrachloride | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Chlorobenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Chloroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Chloroform | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Chloromethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| cis-1,2-Dichloroethene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| cis-1,3-Dichloropropene | ND | 0.50 | ug/L | 04/21/09 | | R/J | SW8260 |
| Dibromochloromethane | ND | 0.50 | ug/L | 04/21/09 | | R/J | SW8260 |
| Dibromoethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Dibromomethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Dichlorodifluoromethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Ethylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Hexachlorobutadiene | ND | 0.40 | ug/L | 04/21/09 | | R/J | SW8260 |
| Isopropylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| m&p-Xylene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Methyl ethyl ketone | ND | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Methylene chloride | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Naphthalene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| n-Butylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| n-Propylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| o-Xylene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| p-Isopropyltoluene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| sec-Butylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Styrene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| tert-Butylbenzene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Tetrachloroethene | 34 | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Tetrahydrofuran (THF) | ND | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Toluene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Total Xylenes | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| trans-1,3-Dichloropropene | ND | 0.50 | ug/L | 04/21/09 | | R/J | SW8260 |
| trans-1,4-dichloro-2-butene | ND | 5.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Trichloroethene | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Trichlorofluoromethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Trichlorotrifluoroethane | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| Vinyl chloride | ND | 1.0 | ug/L | 04/21/09 | | R/J | SW8260 |
| OA/OC Surrogates | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 104 | | % | 04/21/09 | | R/J | SW8260 |
| % Bromofluorobenzene | 88 | | % | 04/21/09 | | R/J | SW8260 |
| % Dibromofluoromethane | 95 | | % | 04/21/09 | | R/J | SW8260 |
| % Toluene-d8 | 97 | | % | 04/21/09 | | R/J | SW8260 |

| Client ID: LOUDON PLAZA MW-11 | 1 | | | | F | hoenix | I.D.: AR59050 |
|-------------------------------|--------|----|-------|------|------|--------|---------------|
| Parameter | Result | RL | Units | Date | Time | Ву | Reference |

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

Myllis Shille

Phyllis Shiller, Laboratory Director April 22, 2009



Environmental Laboratories, Inc. 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040 Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

| April 23, 2009 | QA/Q | QC Data | | | 9041 | | |
|-------------------------------|-----------------------|-------------|------------|------------|-------------|-----------------|------------|
| Parameter | Blank | LCS % | LCSD % | LCS RPD | MS Rec % | MS Dup Rec % | RPD |
| QA/QC Batch 125411, QC Sample | No: AR59041 (AR59041, | AR59043, AR | 59045. AR5 | 9046. AR5 | 9049) | | |
| Volatiles | | , | | | | | |
| 1.1.1.2-Tetrachloroethane | ND | QA | 88 | 66 | 06 | 02 | 2.0 |
| 1.1.1-Trichloroethane | ND | 83 | 79 | 0.0 | 90 | 93 | 3.2 |
| 1.1.2.2-Tetrachloroethane | ND | 91 | 00 | 1.1 | 00 | 63 01 | 5.8 |
| 1,1,2-Trichloroethane | ND | 97 | 00 03 | 1.1 | 101 | 91 | 1.1 |
| 1.1-Dichloroethane | ND | 85 | 81 81 | 4.2 | 86 | 95 95 | 8.Z |
| 1,1-Dichloroethene | ND | 78 | 74 | 4.0 | 24 | 00 00 | 1.2 |
| 1,1-Dichloropropene | ND | 84 | 76 | 10.0 | 04 97 | 02 04 | 2.4 |
| 1,2,3-Trichlorobenzene | ND | 104 | 103 | 10.0 | 07 | 101 | 3.0 |
| 1,2,3-Trichloropropane | ND | 92 | 96 | 1.0 | 97 | 80 | 10.4 |
| 1,2,4-Trichlorobenzene | ND | 102 | 100 | 20 | 0/ | 69 100 | 2.3 |
| 1,2,4-Trimethylbenzene | ND | 93 | 88 | 5.5 | 00 | 90 | 0.2 |
| 1,2-Dibromo-3-chloropropane | ND | 95 | 92 | 3.2 | Q1 | 90 | 0.0 |
| 1,2-Dichlorobenzene | ND | 91 | 88 | 3.4 | 00 | 99 | 0.4 |
| 1,2-Dichloroethane | ND | 91 | 87 | 4.5 | 94 | 90 | 12 |
| 1,2-Dichloropropane | ND | 94 | 90 | 4.3 | 97 | 95 | 4.5 |
| 1,3,5-Trimethylbenzene | ND | 91 | 85 | 6.8 | 97 97 | 88 | 2.1 |
| 1,3-Dichlorobenzene | ND | 91 | 86 | 5.6 | 90 | 90 | 2.2 |
| 1,3-Dichloropropane | ND | 99 | 96 | 3.1 | 94 | 99 | 5.2 |
| 1,4-Dichlorobenzene | ND | 88 | 84 | 4.7 | 88 | 87 | 11 |
| 2,2-Dichloropropane | ND | 91 | 84 | 8.0 | 76 | 73 | 1.1 |
| 2-Chlorotoluene | ND | 89 | 84 | 5.8 | 89 | 88 | 11 |
| 2-Hexanone | ND | 96 | 99 | 3.1 | 101 | 92 | 1.1 |
| 2-Isopropyitoluene | ND | 90 | 86 | 4.5 | 89 | 89 | 0.0 |
| 4-Chlorotoluene | ND | 95 | 89 | 6.5 | 93 | 95 | 21 |
| 4-Methyl-2-pentanone | ND | 102 | 86 | 17.0 | 98 | 96 | 2.1 |
| Acetone | ND | 81 | 99 | 20.0 | 107 | 101 | 5.8 |
| Acrylonitrile | ND | 103 | 108 | 4.7 | 106 | 109 | 2.8 |
| Benzene | ND | 86 | 82 | 4.8 | 89 | 85 | 4.6 |
| Bromobenzene | ND | 91 | 87 | 4.5 | 92 | 92 | 4.0 0 0 |
| Bromochloromethane | ND | 90 | 91 | 1.1 | 96 | 95 | 1.0 |
| Bromodichloromethane | ND | 95 | 90 | 5.4 | 95 | 90 | 54 |
| Bromoform | ND | 91 | 90 | 1.1 | 100 | 100 | 0.4 |
| Bromomethane | ND | 122 | 113 | 7.7 | 111 | 129 | 15.0 |
| Carbon Disulfide | ND | <70 | <70 | NC | 82 | 83 | 12 |
| Carbon tetrachloride | ND | 86 | 79 | 8.5 | 94 | 86 | 8.9 |
| Chlorobenzene | ND | 89 | 83 | 7.0 | 90 | 88 | 22 |
| Chloroethane | ND | 95 | 91 | 4.3 | 87 | 87 | 0.0 |
| Chloroform | ND | 86 | 83 | 3.6 | 88 | 85 | 3.5 |

QA/QC Data

SDG I.D.: GAR59041

| Parameter | Blank | LCS % | LCSD % | LCS RPD | MS Rec % | MS Dup Rec % | RPD | |
|--------------------------------------|-------------------------|--------------|------------|---|------------------|-----------------|--------------------------|---|
| Chloromethane | ND | 90 | 85 | 5.7 | 82 | 87 | 59 | - |
| cis-1,2-Dichloroethene | ND | 87 | 85 | 2.3 | 90 | 89 | 1 1 | |
| cis-1,3-Dichloropropene | ND | 96 | 91 | 5.3 | 96 | 94 | 21 | |
| Dibromochloromethane | ND | 95 | 97 | 2.1 | 99 | 99 | 0.0 | |
| Dibromoethane | ND | 94 | 93 | 1.1 | 101 | 104 | 2.0 | |
| Dibromomethane | ND | 93 | 89 | 4.4 | 94 | Q1 | 2.5 | |
| Dichlorodifluoromethane | ND | 98 | 93 | 5.2 | 75 | 72 | J.Z. | |
| Ethylbenzene | ND | 91 | 84 | 8.0 | 90 | 87 | 4.1 | |
| Hexachlorobutadiene | ND | 90 | 85 | 57 | 86 | 88 | 3.4 | |
| Isopropylbenzene | ND | 87 | 83 | 4.7 | 91 | Q1 | 2.5 | |
| m&p-Xylene | ND | 90 | 84 | 6.9 | Q1 | 89 | 0.0 | |
| Methyl ethyl ketone | ND | 83 | 83 | 0.0 | 83 | 84 | 3.4 | |
| Methyl t-butyl ether (MTBE) | ND | 96 | 97 | 1.0 | 95 | 96 | 1.2 | |
| Methylene chloride | ND | 85 | 82 | 3.6 | 80 | 90 | 1.0 | |
| Naphthalene | ND | 101 | 98 | 3.0 | 83 | 100 | 1.1 | |
| n-Butylbenzene | ND | 93 | 86 | 7.8 | . 87 | 87 | 18.0 | |
| n-Propylbenzene | ND | 92 | 85 | 7.0 | 07 | 80 | 0.0 | |
| o-Xylene | ND | 94 | 87 | 7.5 | 92 Q <i>A</i> | 69 | 3.3 | |
| p-lsopropyltoluene | ND | 94 | 88 | 6.6 | 94 00 | 90 | 4.3 | |
| sec-Butylbenzene | ND | 88 | 83 | 5.8 | 90 | 69 86 | 1.1 | |
| Styrene | ND | 94 | 90 | 13 | 00 | 00 | 2.3 | |
| tert-Butylbenzene | ND | 92 | 85 | 70 | 90 | 94 | 4.2 | |
| Tetrachloroethene | ND | 87 | 78 | 10.0 | 30 | 09 | 1.1 | |
| Tetrahydrofuran (THF) | ND | 86 | 89 | 31 | 92 | 80 | 4.4 | |
| Toluene | ND | 88 | 83 | 5.4 | 00 00 | 83 | 2.4 | |
| trans-1,2-Dichloroethene | ND | 85 | 78 | 9.6 9.6 | 90 0E | 85 | 5.7 | |
| trans-1,3-Dichloropropene | ND | 106 | 104 | 1.0 | 102 | 64 100 | 1.2 | |
| trans-1,4-dichloro-2-butene | ND | 104 | 104 | 3.0 | 103 | 102 | 1.0 | |
| Trichloroethene | ND | 89 | 81 | 5.9 | 93 02 | 100 | 7.3 | |
| Trichlorofluoromethane | ND | 84 | 80 80 | J.0 | 90 | 87 | 6.7 | |
| Trichlorotrifluoroethane | ND | 84 | 70 | 4.3 6 1 | 00 | 01 | 6.0 | |
| Vinyl chloride | ND | 88 | 83 83 | 0.1 E 0 | 00 | 84 | 4.7 | |
| % 1,2-dichlorobenzene-d4 | 105 | 101 | 00 | 2.0 | 100 | 79 | 2.5 | |
| % Bromofluorobenzene | 91 | 99 | 33 07 | 2.0 | 100 | 100 | 0.0 | |
| % Dibromofluoromethane | 107 | 100 | 97 101 | 2.0 | 100 | 98 | 1.0 | |
| % Toluene-d8 | 99 | 100 | 100 | 1.0 | 102 | 101 | 1.0 | |
| Comment: | | 100 | 100 | 0.0 | 101 | 99 | 2.0 | |
| A blank MS/MSD was analyzed with thi | s hatch | | | | | | | |
| QA/QC Batch 125416, QC Sample N | lo: AR59042 (AR59042, A | R59044, AR59 | 047, AR590 |)48. AR59(| 050) | | | |
| Volatiles | | | , | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | , | | | |
| 1,1,1,2-Tetrachloroethane | ND | 94 | 89 | 5.5 | 97 | 92 | 53 | |
| 1,1,1-Trichloroethane | ND | 90 | 86 | 4.5 | 93 | 87 | 6.7 | |
| 1,1,2,2-Tetrachloroethane | ND | 85 | 88 | 3.5 | 89 | 89 | 0.0 | |
| 1,1,2-Trichloroethane | ND | 103 | 102 | 1.0 | 107 | 102 | 0.0 4 8 | |
| 1,1-Dichloroethane | ND | 89 | 87 | 2.3 | 89 | 87 | - 1 .0 2 2 | |
| 1,1-Dichloroethene | ND | 83 | 81 | 2.4 | 92 | 86 | 2.J 6.7 | |
| 1,1-Dichloropropene | ND | 85 | 82 | 3.6 | 95 | 87 | 0.7 8 9 | |
| 1,2,3-Trichlorobenzene | ND | 123 | 121 | 1.6 | 93 | 113 | 19.4 | |

QA/QC Data

SDG I.D.: GAR59041

| Parameter | Blank | LCS % | LCSD % | LCS RPD | MS Rec % | MS Dup Rec % | RPD |
|-----------------------------|-------|----------------------|-----------|------------|------------------|-----------------|-------------|
| 1,2,3-Trichloropropane | ND | 104 | 106 | 1.9 | 92 | 100 | 83 |
| 1,2,4-Trichlorobenzene | ND | 116 | 113 | 2.6 | 99 | 106 | 6.8 |
| 1,2,4-Trimethylbenzene | ND | 100 | 97 | 3.0 | 99 | 94 | 5.2 |
| 1,2-Dibromo-3-chloropropane | ND | 104 | 106 | 1.9 | 92 | 102 | J.2 10.2 |
| 1,2-Dichlorobenzene | ND | 94 | 93 | 1.1 | 95 | 92 | 10.5 |
| 1,2-Dichloroethane | ND | 90 | 86 | 4.5 | 92 | 91 | J.Z |
| 1,2-Dichloropropane | ND | 94 | 89 | 5.5 | 95 | 92 | 3.2 |
| 1,3,5-Trimethylbenzene | ND | 98 | 93 | 5.2 | 98 | 92 | 5.2 |
| 1,3-Dichlorobenzene | ND | 97 | 95 | 21 | 98 | 92 | 0.3 |
| 1,3-Dichloropropane | ND | 95 | 98 | 3.1 | 95 | 92 | 3.2 |
| 1,4-Dichlorobenzene | ND | 98 | 94 | 42 | 96 | 92 | 3.2 |
| 2,2-Dichloropropane | ND | 93 | 88 | 5.5 | 80 | 92 74 | 4.3 |
| 2-Chlorotoluene | ND | 95 | 93 | 2.1 | 07 | 74 | 7.8 |
| 2-Hexanone | ND | <70 | 90 | NC | 36 | 91 | 0.4 |
| 2-isopropyltoluene | ND | 98 | 92 | 63 | 07 | 90 | 92.5 |
| 4-Chlorotoluene | ND | 99 | 97 | 2.0 | 100 | 92 | 5.3 |
| 4-Methyl-2-pentanone | ND | 85 | 86 | 1.0 | 00 | 91 | 9.4 |
| Acetone | ND | 88 | 97 | 0.7 | 90 0 <i>4</i> | 02 84 | 9.3 |
| Acrylonitrile | ND | 91 | 95 | 13 | 94 97 | 04 97 | 11.2 |
| Benzene | ND | 86 | 83 | 4.J 3.6 | 07 | 87 | 0.0 |
| Bromobenzene | ND | 94 | 03 | 1 1 | 92 | 87 02 | 5.6 |
| Bromochloromethane | ND | 91 | 90 | 1.1 | 92 | 93 | 1.1 |
| Bromodichloromethane | ND | 95 | 93 | 2.1 | 94 | 90 | 4.3 |
| Bromoform | ND | 90 | 93 | 2.1 | 90 07 | 89 | 9.6 |
| Bromomethane | ND | 82 | 88 | 71 | . 57 | 94 | 3.1 |
| Carbon Disulfide | ND | <70 | <70 | NC | 90 96 | 92 | 6.3 |
| Carbon tetrachloride | ND | 86 | 81 | 60 | 05 | 01 | 6.0 |
| Chlorobenzene | ND | 96 | 90 | 6.5 | 95 07 | 00 | 9.9 |
| Chloroethane | ND | 86 | 79 | 0.5 8 5 | 97 | 92 | 5.3 |
| Chloroform | ND | 89 | 85 | 4.6 | 04 | 76 | 7.4 |
| Chloromethane | ND | 87 | 88 | 11 | 30 90 | 00 | 4.5 |
| cis-1,2-Dichloroethene | ND | 90 | 20 | 1.1 | 04 | 00 | 3.6 |
| cis-1,3-Dichloropropene | ND | 94 | 95 | 1.1 | 94 | 90 | 4.3 |
| Dibromochloromethane | ND | 96 | 95 | 1.1 | 95 102 | 93 | 2.1 |
| Dibromoethane | ND | 100 | 96 | 1.0 | 102 | 96 | 4.0 |
| Dibromomethane | ND | 91 | an | 4.1 | 103 | 100 | 3.0 |
| Dichlorodifluoromethane | ND | 104 | 90 | 1.1 8 0 | 90 | 95 | 1.0 |
| Ethylbenzene | ND | 97 | 02 | 6.U 5.2 | 00 | 73 | 9.2 |
| Hexachlorobutadiene | ND | 100 | 92 | J.J 1 1 | 99 | 93 | 6.3 |
| Isopropylbenzene | ND | 94 | <u>an</u> | 4.1 | 90 100 | 94 | 1.1 |
| m&p-Xylene | ND | 97 | 90 02 | 4.J | 100 | 95 | 5.1 |
| Methyl ethyl ketone | ND | 78 | 92. 80 | 12.0 | 99 | 92 | 7.3 |
| Methyl t-butyl ether (MTBE) | ND | 94 | 03 | 13.2 | 98 | 83 | 16.6 |
| Methylene chloride | ND | 3 4 86 | 94 96 | 0.0 | 94 | 92 | 2.2 |
| Naphthalene | ND | 96 | 105 | 0.0 | 90 | 88 | 2.2 |
| n-Butylbenzene | ND | 101 | 06 | 9.U 5 1 | /ð | 92 | 16.5 |
| n-Propylbenzene | ND | 00 | 90 04 | D. I | 9/ | 90 | 7.5 |
| o-Xylene | ND | 99 00 | 94 02 | 5.Z | 100 | 94 | 6.2 |
| p-Isopropyltoluene | ND | 103 | 92 98 | 7.3 5.0 | 101 | 96 93 | 5.1 7.3 |

QA/QC Data

SDG I.D.: GAR59041

| Parameter | Blank | LCS % | LCSD % | LCS RPD | MS Rec % | MS Dup Rec % | RPD |
|---|-------|----------|-----------|------------|-------------|-----------------|------------|
| sec-Butylbenzene | ND | 97 | 92 | 5.3 | 98 | 91 | 74 |
| Styrene | ND | 98 | 93 | 5.2 | 101 | 96 | 5.1 |
| tert-Butylbenzene | ND | 99 | 94 | 5.2 | 100 | 94 | 6.2 |
| Tetrachloroethene | ND | 88 | 86 | 2.3 | 98 | 89 | 9.6 |
| Tetrahydrofuran (THF) | ND | 88 | 92 | 4.4 | 75 | 88 | 16.0 |
| Toluene | ND | 92 | 87 | 5.6 | 96 | 89 | 7.6 |
| trans-1,2-Dichloroethene | ND | 88 | 83 | 5.8 | 90 | 85 | 57 |
| trans-1,3-Dichloropropene | ND | 102 | 103 | 1.0 | 100 | 95 | 5.7 |
| trans-1,4-dichloro-2-butene | ND | 100 | 105 | 4.9 | 96 | 91 | 5.1 |
| Trichloroethene | ND | 90 | 86 | 4.5 | 97 | 89 | 3.3 8.6 |
| Trichlorofluoromethane | ND | 89 | 85 | 4.6 | 91 | 84 | 8.0 |
| Trichlorotrifluoroethane | ND | 90 | 84 | 6.9 | 94 | 88 | 6.0 6.6 |
| Vinyl chloride | ND | 91 | 85 | 6.8 | 89 | 83 | 0.0 |
| % 1,2-dichlorobenzene-d4 | 100 | 101 | 101 | 0.0 | 100 | 98 | 7.0 |
| % Bromofluorobenzene | 90 | 101 | 97 | 4.0 | 100 | 100 | 2.0 |
| % Dibromofluoromethane | 99 | 100 | 99 | 1.0 | 101 | 100 | 0.0 |
| % Toluene-d8 | 97 | 98 | 98 | 0.0 | 101 | 102 | 1.0 |
| Comment: | | | | 0.0 | | 100 | 1.0 |
| A blank MS/MSD was analyzed with this batcl | ٦. | | | | | | |

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

Phyllis/Shiller, Laboratory Director April 23, 2009

| | | | | | I | СНА | IN O | F CI | UST | DDY | RE | CORD | | | | Ter | np | F | g | of |
|--|--|--------------------|--|-----------------|--------------------|----------|-------------|---------------|----------|--------------------------------|--|------------|---|-----------------------------------|-------------------------------|------------------|-----------------|---|----------------------------|--------------------------|
| PH | JENIX 🛯 | ALL. | | Ę | 587 Ea | st Mido | ile Turr | npike, F | P.O. Bo | x 370. I | Manch | ester CT (| 06040 | | Data | a Delive | erγ: | | | |
| Environm | ental Laboratories | 5, Inc. | | | Em | ail: ser | vice@p | hoenix | dabs.co | m F | Fax (86 | 0) 645-08 | 23 | | | Fax #: | · | | | |
| Customor NF | τ | | | | | CI | ient S | Servic | ces (8 | 360) | 645-8 | 3726 | | | Ď | Email: | Tubn | e+c 8 | DA | x Call |
| Address: 147 | 6 Rr an | | ······································ | | - | Projec | t: <u> </u> | Loud | na | PINE | A | | | P | roject P. | .0: (| 12 | 103 | 20 | <u></u> |
| Rev. | istor spa .1 | | . 20 | | | Repor | t to: | \mathcal{N} | ETC | | | | | Р | hone #: | 8 | 84-8 | 549 | | |
| | lient Sample - Information | <u> </u> | 020 | | | Invoice | ∋ to: | ~ بر | Test | w | ink | | | F | ax #: | -88 | 24-6 | 2710 | | |
| Sampler's 🔏 | ment oumple - mormation- | Joentificati | on | | | nalve | ie | | | / / | | /// | // | | 77 | | 420 | 7 | 7 | 77 |
| Signature | WO W | 4/16/0 | 2 Date | | | Reque | st | | | / / | / / | | | | | N ³¹⁰ | \rightarrow / | / / | | A noom |
| Matrix Code: DW=drinking wate GW=groundwater | er WW=wastewater S=soit SL=sludge A=air | /solid O =o | ther | | | / | 1,37 | | | | | | | | etterol . | 5. Ol | 01 14515 | L LO | 1500ml | 115000 |
| Phoenix Sample # | Customer Sample Identification | Sample Matrix | Date Sampled | Time Sampled | / 4 | A B | | | | | | | | SOIL OF | MC CH AND | ntaine Ji | NDET 100 | 1250 1250 1250 | HNO32 | om 250ml |
| | MW-1 | GW | 4/16/09 | 1:20 | X | | | | | | | | | | 2 | $\int $ | | | | <u>~~~</u> |
| | mw-z | | | 12:48 | x | | | | | | | | | | 2 | | | | | |
| | mw-4 | | | 12:35 | X | | | | | | | | | | 1 | | | | | |
| | MW-S | | | 12:20 | X | | | | | | | | | | | | | | | |
| | MW-6 | | | 1:05 | X | | | - | | | | | | | 2 | | | | | |
| | MW-7 | | | 1:12 | x | | | | <u>}</u> | | | | ╢┈┼╌ | | | | | | | |
| | MW-8 | | | 1:30 | X | | | | | | | | ╢──┤─ | | 4 | | - | $\left \right $ | | |
| | MW-9 | | | 12:58 | X | | | + | | | | | ╢──┼─ | _ | 0 | | | | | |
| | MW-10 | | | 12:20 | X | | | | | | | | ╢──┼─ | | 1 | | | | | |
| | (Mul-)) | | | 1.20 | $\frac{x}{x}$ | | | | | | | | | | | | | | | |
| | 1 100 11 | | | 1.20 | | | | | | | | | | | 2 | | | | | |
| | | | | | | | | - | | | - | | | _ | | | | | | |
| // / Relinquis | néd by: | Accepte | d by | | late. | | T | | | | | | | | | | | | | |
| Comments, Special | Requirements or Regulations: | 15 kz |) | - 4/ | <u>רו /</u> קרו | 09 | 12 | 745 | | 1 Da 2 Da 3 Da 5 Star | ay* ays* ays* ays* ndard er | | Cert. Protect. Iobility Iobility Protect. | MA GV GV GV GV S-1 | CP Cert. V-1 V-2 V-3 | | | Form Excel PDF GIS/K EQuIS Other | at ey | |
| • | | NET | < 5 | DAY F | (0 <i>2)</i> | n | | | × | SURCH APPLI | ARGE ES here s | Amples v | vol. Vol. Criteria r vere coll | S-2 S-3 S-3 Oth | /RA eSM ler NY | / ART | | Packa ASP-A NJ Red NJ Ha: Phoen | duced zsite E ix Std | Deliv. * DD Report |
| 1. #M # AMMANDE | g ²⁵ | | | | | | | | | | | | | | 1 | | | Other | | |

Appendix G

ULI TO-15 Air / Vapor Quality Report





TO-15 IMPLANT INTEGRITY CHECK

PROJECT.____Loudon Plaza____ CLIENT:____Sky Four, LLC.___

1

WEATHER: Cloudy +/- 50 degrees F

| SERITY CHECK | 04/24/2009 | NA | | AN | 0.0 | c | | n c | 0.0 |
|--------------------------------|------------|-------|-------|--------------------|-------|------------|------------------|-------|-------|
| G IMPLANT INTER | 04/24/2009 | NA | | AN | 11:12 | 11-20 | 40-1-1 40-1-1 | 11.11 | 11.26 |
| POST SAMPLIN PID START TIME | 04/24/2009 | Ą | | AN | 11:09 | 11.29 | 110 | 41.11 | 11:23 |
| ENCLOSURE PID | 04/24/2009 | NA | V IX | C. | 18.4 | 17.8 | 10 8 | 180 | 16.3 |
| 1 IMPLANT PID | 04/24/2009 | AN | NA | | 0.0 | 0.0 | 04 | 0.0 | 0.1 |
| AMBIENT AIR PIC | 04/24/2009 | NA | ΝA | | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 |
| IIME | 04/24/2009 | AN | AN | | 11:08 | 11:28 | 11:18 | 11:13 | 11:23 |
| ERITY CHECK IMPLANT PID | 04/23/2009 | 9.4 | 5.2 | | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 |
| MPLANT INTEC | 04/23/2009 | 11:35 | 11:27 | | 00.01 | 13:41 | 12:09 | 12:02 | 11:56 |
| PRE SAMPLING PID START TIME | 04/23/2009 | 11:33 | 11:22 | 10.40 | 04.01 | 13:37 | 12:05 | 11:58 | 11:51 |
| ENCLOSURE PID | 04/23/2009 | 15.6 | 20.9 | 10.5 | 0.0 | 17.9 | 18.3 | 19.8 | 21.6 |
| IMPLANT PID | 04/23/2009 | 1.0 | 3.0 | 6 | 2 | 0.0 | 1.5 | 0.0 | 0.5 |
| AMBIENT AIR PIC | 04/23/2009 | 0.0 | 0.0 | 00 | | 0.0 | 2.5 | 0.0 | 0.2 |
| HME | 04/23/2009 | 10:55 | 10:58 | 13.45 | | 13:36 | 11:15 | 11:10 | 11:05 |
| IMPLANT ID | Date | SS-1 | SS-2 | SS-1 (Repaired) | SS-2 | (Repaired) | SS-3 | SS-4 | SS-5 |

TO-15 SAMPLE RUN TIMES

350 Northern Blvd.

Albany, New York

Sampled April 23 & 24, 2009

NETC Project # 08.1023054

| Sample ID | Location | Sample Run Time |
|-----------|----------------------|---------------------|
| SS-1 | KEM CLEANERS | 20 HOURS 56 MINUTES |
| IA-1 | KEM CLEANERS | 20 HOURS 55 MINUTES |
| SS-2 | VACANT SPACE | 21 HOURS 16 MINUTES |
| IA-2 | VACANT SPACE | 21 HOURS 29 MINUTES |
| SS-3 | REST ROOM | 21 HOURS 29 MINUTES |
| IA-3 | REST ROOM | 21 HOURS 8 MINUTES |
| SS-4 | SUITE 110 | 21 HOURS 10 MINUTES |
| IA-4 | SUITE 110 | 21 HOURS 14 MINUTES |
| SS-5 | TOWN TOTAL HEALTH | 21 HOURS 0 MINUTES |
| IA-5 | TOWN TOTAL HEALTH | 20 HOURS 58 MINUTES |
| OA-1 | OUTSIDE | 19 HOURS 40 MINUTES |

TABLE 1 VOLATILE ORGANICS DATA ANALYSIS (EPA METHOD TO-15) Louden Plaza, 350 Northern Blvd., Albany NY

NETC Project # 08.1023054

Page 1 of 4

| PADAMETER | | SAI | MPLE DESCR | | un de la composition de la composition En la composition de la |
|-----------------------------|-------|--------|------------|--------|---|
| PARAMELEN | SS-1 | SS-2 | [A-1 | IA-2 | OA-1 |
| Location | r Kem | Office | Kem | Office | Outside |
| 1,1,1-Trichloroethane | ND | 1.1 | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene | ND | ND | ND | ND | ND |
| 1,2,4-Trichlorobenzene | ND | 2 Q | ND | ND | ND |
| 1,2,4-Trimethylbenzene | ND | 1.4 Q | ND | ND | ND |
| 1,2-Dibromoethane | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | ND | ND | ND | ND | ND |
| 1,3,5-Trimethylbenzene | ND | ND | ND | ND | ND |
| 1,3-Butadiene | ND | ND | ND | ND | ND |
| 1,3-Dichlorobenzene | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | ND | ND | ND | ND | ND |
| 1,4-Dioxane | ND | ND | ND | ND | ND |
| 2-Butanone (MEK) | 7.2 Q | 45 Q | ND | ND | ND |
| 2-Hexanone | 1.1 | 5.9 Q | ND | ND | ND |
| 4-Ethyltoluene | ND | ND | ND | ND | ND |
| 4-Methyl-2-Pentanone (MIBK) | ND | 1.3 | ND | ND | ND |
| Acetone | 5.3 Q | 37 Q | ND | ND | ND |
| Benzene | ND | 0.94 Q | ND | ND | ND |
| Bromodichloromethane | ND | ND | ND | ND | ND |
| Bromoform | ND | ND | ND | ND | ND |
| Bromomethane | ND | ND | ND | ND | ND |
| Carbon disulfide | ND | 1 | ND | ND | ND |
| Carbon tetrachloride | 0.58 | 0.51 | ND | ND | 0.59 |
| Chlorobenzene | ND | ND | ND | ND | ND |
| chloroethane | ND | ND | ND | ND | |
| hloroform | 3.8 | 2.2 | | | |
| hloromethane | ND | 1 | ND | | |
| | | | | | ND ND |

Notes: All concentrations are in ug/m3

Q=Outlying QC recoveries were associated with this analyte B = Analyte detected in the associated Methd Blank

J = Analyte detected below quantitation limits

TABLE 1 VOLATILE ORGANICS DATA ANALYSIS (EPA METHOD TO-15)

Louden Plaza, 350 Northern Blvd., Albany NY

NETC Project # 08.1023054 Page 2 of 4

| | SAMPLE DESCRIPTION | | | | | | | | | |
|---------------------------|--------------------|--------|------------|-----------|---------|--|--|--|--|--|
| FARAMEIER | SS-1 | SS-2 | IA-1 | IA-2 | 0A-1 | | | | | |
| | rem T | Office | Kem | Office | Outside | | | | | |
| cis-1,2-Dichloroethene | 5.6 | ND | ND | ND | ND | | | | | |
| cis-1,3-Dichloropropene | ND | ND | ND | ND | ND | | | | | |
| Cyclohexane | ND | ND | ND | ND | ND | | | | | |
| Dibromochloromethane | ND | ND | ND | ND | ND | | | | | |
| Ethanol | 8.1 Q | 22 Q | 5.1 QB | 24 QB | ND | | | | | |
| Ethyl acetate | 33 | 36 | 53 | 30 | 29 | | | | | |
| Ethylbenzene | ND | ND | ND | ND | ND | | | | | |
| Freon 11 | ND | ND | ND | ND | ND | | | | | |
| Freon 114 | ND | ND | ND | ND | ND | | | | | |
| Freon 12 | ND | ND | ND | ND | ND | | | | | |
| Freon 113 | ND | ND | ND | ND | ND | | | | | |
| Heptane | ND | ND | ND | ND | ND | | | | | |
| Hexachlorobutadiene | 2.5 B | 2.6 QB | ND | ND | 28.08 | | | | | |
| Hexane | ND | ND | ND | ND | ND | | | | | |
| Isopropyl Alcohol | ND | 1.3 Q | ND | 41 QB | ND | | | | | |
| m,p Xylene | ND | ND | ND | ND | ND | | | | | |
| Methyl tert-butyl ether | ND | ND | ND | ND | ND | | | | | |
| Methylene chloride | ND | ND | ND | ND | ND | | | | | |
| n-Heptane | ND | ND | ND | ND | ND | | | | | |
| o-Xylene | ND | ND | ND | ND | ND | | | | | |
| Propene | 2.1 | 330 | | ND | | | | | | |
| Styrene | ND | ND | | | ND | | | | | |
| Tetrachloroethene | 3.8 | 110 | 27 | ND | | | | | | |
| Tetrahydrofuran | ND | 1.0 | <u>3.7</u> | | ND | | | | | |
| Toluene | 1 | 1.9 | | <u>ND</u> | ND | | | | | |
| trans-1.2-Dichloroethene | 1.5 | | 1.1 B | .84 8 | ND | | | | | |
| trans-1.3-Dichloropropene | ND | | ND | ND | ND | | | | | |
| Trichloroethene | <u> </u> | | ND | ND | ND | | | | | |
| Vinvl acetate | | 11 | ND | ND | 0.22 | | | | | |
| Vinyl chloride | | 1.2 | ND | ND | ND | | | | | |
| TICs | ND | ND | ND | ND | ND | | | | | |
| | 52.76 | 78.6 | 26.13 B | 58 B | 47 | | | | | |

Notes: All concentrations are in ug/m3 except for tentatively identified compounds (TICs) which are reported in ppv Q=Outlying QC recoveries were associated with this analyte B ≈ Analyte detected in the associated Methd Blank

J = Analyte detected below quantitation limits

| Analytical Report | Date: 13-May-09 | | | | | | | | |
|---|----------------------------|-----------------|------------------------|-------|-----|---------------------------------------|--|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL | | Clie | Client Sample ID: SS-1 | | | | | | |
| Location Loudon Plaza | Collection Date: 4/24/2009 | | | | | | | | |
| Project: U0904581 | | Ton H. 1067/200 | | | | | | | |
| Lab 1D. F0904009-001 4 | 145 TV 100 HJ20 | | | | | | | | |
| | | | | | | | | | |
| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed | | | |
| TO-15 (VI+TICS) | | | | | | Analyst: KI D | | | |
| 1,1,1-Trichloroethane | ND | 1.1 | | ua/m3 | 1 | 5/7/2009 9:25-00 PM | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.4 | | ua/m3 | - 1 | 5/7/2009 9:25:00 PM | | | |
| 1,1,2-Trichloroethane | ND | 1.1 | | uq/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| 1,1,2-Trifluoro-1,2,2-Trichloroethane (Freon 113) | ND | 1.6 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| 1,1-Dichloroethane | ND | 0.82 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| 1,1-Dichloroethene | ND | 0.81 | | ua/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| 1,2,4-Trichlorobenzene | ND | 1.5 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| 1,2-Dibromoethane | ND | 1.6 | | ua/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114) | ND | 1.4 | | ua/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| 1,2-Dichlorobenzene | ND | 1.2 | | ua/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| 1,2-Dichloroethane | ND | 0.82 | | ua/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| 1,2-Dichloropropane | ND | 0.94 | | ua/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | ua/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| 1,3-Butadiene | ND | 0.45 | | ua/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| 1,3-Dichlorobenzene | ND | 1.2 | | ua/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| 1,4-Dichlorobenzene | ND | 1.2 | | ua/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| 1,4-Dioxane | ND | 0.73 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| 2-Butanone (MEK) | 7.2 | 0.60 | Q | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| 2-Hexanone (*) | 1.1 | 0.83 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| 4-Ethyltoluene (*) | ND | 1.0 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| I-Methyl-2-Pentanone (MIBK) | ND | 0.83 | | ua/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| Acetone | 5.3 | 4.8 | Q | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| Benzene | ND | 0.65 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| Senzyl chloride | ND | 1.1 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| Bromodichloromethane | ND | 1.4 | | ua/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| Bromoform | ND | 2.1 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| Bromomethane | ND | 0.79 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| Carbon disulfide | ND | 0.63 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| Carbon tetrachloride | 0.58 | 0.26 | | uq/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| hlorobenzene | ND | 0.94 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| hloroethane | ND | 0.54 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| hloroform | 3.8 | 0.99 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| hloromethane | ND | 0.42 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| is-1,2-Dichloroethene | 5.6 | 0.81 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| is-1,3-Dichloropropene | ND | 0.92 | | ug/m3 | 1 | 5/7/2009 9-25-00 PM | | | |
| yclohexane | ND | 0.70 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| and the second | 177 - E. C. Maria Sana ana | | | | | · · · · · · · · · · · · · · · · · · · | | | |

Qualifiers:

(*) Certification not offered by NYS for this compound

E Value above quantitation range

J Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Q Outlying QC recoveries were associated with this analyte

| Analytical Keport | 1707 Annual Contraction (1917) | Date: 13-May-09 | | | | | | | |
|------------------------------------|--|-----------------|------|-------|--------|---------------------|--|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL | Client Sample ID: SS-1 Collection Date: 4/24/2009 | | | | | | | | |
| Broloate 110004593 | | | | | | | | | |
| 110jeci. 00904381 | Tag #: 1067/320 Matrix AIR | | | | | | | | |
| Lab ID: E0904009-001A | | | | | | | | | |
| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed | | | |
| TO-15 (VI+TICS) | | | | - | | Annius 10 A | | | |
| Dibromochloromethane | ND | 17 | | unim3 | 4 | Analyst: KLP | | | |
| Dichlorodifluoromethane (Freon 12) | ND | 10 | | ug/m3 | 1 | 5/7/2009 9:25:00 PN | | | |
| Ethanol (*) | 8.1 | 3.8 | 0 | unim3 | י 1 | 5/7/2009 9.25.00 PM | | | |
| Ethyl acetate (*) | 33 | 0.73 | ~~ | un/m3 | 1 | 5/7/2009 9.25.00 PM | | | |
| Ethyl benzene | ND | 0.88 | | un/m3 | 1 | 5/7/2009 9.20.00 PM | | | |
| Hexachlorobutadiene | 2.5 | 2.2 | в | ua/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| Hexane | ND | 0.72 | | ua/m3 | • | 5/7/2000 9:25:00 PM | | | |
| Isopropanol | ND | 5.0 | | ug/m3 | 1 | 5/7/2000 0-25-00 PM | | | |
| m,p-Xylene | ND | 0.88 | | ua/m3 | 4 | 5/7/2009 5:25:00 PM | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.73 | | uo/m3 | 4 | 5/7/2009 9:25:00 PM | | | |
| Methylene chloride | ND | 0.71 | | uo/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| n-Heptane | ND | 0.83 | | uo/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| o-Xylene | ND | 0.88 | | uo/m3 | 1 | 5/7/2009 0:25:00 PM | | | |
| Propene (*) | 2.1 | 0.35 | | uo/m3 | 1 | 5/7/2000 0:25:00 DM | | | |
| Styrene | ND | 0.87 | | ua/m3 | 1 | 5/7/2009 0-25-00 PM | | | |
| Tetrachloroethene | 3.8 | 1.4 | | ua/m3 | 1 | 5/7/2009 9-25 OD PM | | | |
| Tetrahydrofuran (*) | ND | 0.60 | | ua/m3 | 1 | 5/7/2009 9·25·00 PM | | | |
| Toluene | 1.0 | 0.77 | | ua/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| trans-1,2-Dichloroethene | 1.5 | 0.81 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| trans-1,3-Dichloropropene | ND | 0.92 | | ua/m3 | 1 | 5/7/2009 9-25-00 PM | | | |
| Trichloroethene | 5.2 | 0.22 | | ua/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| Trichlorofluoromethane (Freon 11) | ND | 1.1 | | ua/m3 | 1 | 5/7/2009 9:25:00 PM | | | |
| Vinyl acetate | ND | 0.72 | | ug/m3 | 1 | 5/7/2009 9:25-00 PM | | | |
| Vinyl chloride NOTES: | ND | 0.52 | | ug/m3 | 1 | 5/7/2009 9:25:00 PM | | | |

TICS are only reported in ppbv because unknowns cannot be converted to ug/m3.

Approved By:

Qualifiers:

- Certification not offered by NYS for this compound (*) Ε
 - Value above quantitation range J
 - Analyte detected below quantitation limits
 - S Spike Recovery outside accepted recovery limits

Date: 5-13-0"

- Analyte detected in the associated Method Blank 8
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Outlying QC recoveries were associated with this analyte Q

| Analytical Report Date: 13-May-09 | | | | | | zy-09 | | | |
|--|------------------------|----------------------------|--------|------------------|------------|----------------------|--|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL | Client Sample ID: SS-7 | | | | | | | | |
| Location Loudon Plaza | | Collection Date: 4/04/0000 | | | | | | | |
| Project: 10904581 | | Concernon Date: 4/24/2009 | | | | | | | |
| | | rag | #: 104 | 57/321 | | | | | |
| Lao ID: E0904009-003A | Matrix AIR | | | | | | | | |
| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed | | | |
| TO-15 (VI+TICS) | | | | | | | | | |
| 1,1,1-Trichloroethane | 1.1 | 1.1 | | unim3 | 4 | Analyst: KLP | | | |
| 1,1,2,2-Tetrachloroethane | ND | 14 | | ugano ua/m3 | 1 | 5/7/2009 10:11:00 PM | | | |
| 1,1,2-Trichloroethane | ND | 1.1 | | un/m3 | 1 | 5/7/2009 10:11:00 PM | | | |
| 1,1,2-Trilluoro-1,2,2-Trichloroethane (Freon 113) | ND | 1.6 | | 110/m3 | 1 | 5/7/2000 10:11:00 PM | | | |
| 1,1-Dichloroethane | ND | 0.82 | | ug/m3 | • | 5/7/2000 10:11:00 PM | | | |
| 1,1-Dichloroethene | ND | 0.81 | | uginio unim3 | * | 5/7/2009 10:11:00 PM | | | |
| 1,2,4-Trichlorobenzene | 20 | 15 | | ug/m3 | , , | 5/7/2009 10.11:00 PM | | | |
| 1,2,4-Trimethylbenzene | 14 | 1:0 | | ug/m3 | 4 | 5/7/2009 10.11.00 PM | | | |
| 1.2-Dibromoethane | ND | 16 | | ug/m3 | 1 4 | 5/7/2009 10:11:00 PM | | | |
| 1.2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114) | ND | 1.0 | | 09/010 | 4 | 5/7/2009 10.11:00 PM | | | |
| 1.2-Dichlorobenzene | ND | 1.4 | | ug/m3 | 4 | 5/7/2009 10:11:00 PM | | | |
| 1,2-Dichloroethane | ND | 0.82 | | ug/m3 | 1 | 5/7/2009 10:11:00 PM | | | |
| 1,2-Dichloropropane | ND | 0.02 | | ugino | ा - स | 5/7/2009 10:11:00 PM | | | |
| 1,3,5-Trimethylbenzene | NO | 1.0 | | ughino ua/m3 | 4 | 5/7/2009 10:11:00 PM | | | |
| 1,3-Butadiene | ND | D 45 | | ugano ualm3 | 4 | 5/7/2009 10.11:00 PM | | | |
| 1,3-Dichlorobenzene | ND | 12 | | unim3 | * | 5/7/2009 10:11:00 PM | | | |
| 1,4-Dichlorobenzene | ND | 1 2 | | ugim2 | 4 | 5/7/2009 10.11.00 PM | | | |
| 1,4-Dioxane | ND | 0.73 | | uginit ugim2 | ा | 5/7/2009 10:11:00 PM | | | |
| 2-Butanone (MEK) | 45 | 0.10 | 0 | uginits ugim2 | 3 4 | 5/7/2009 10:11:00 PM | | | |
| 2-Hexanone (*) | 50 | 0.00 | w. | ug/m3 | - 1 - 4 | 5/7/2009 10:11:00 PM | | | |
| 4-Ethyltoluene (*) | NO | 10 | | ug/m3 | 1 | 5/7/2009 10:11:00 PM | | | |
| 4-Methyl-2-Pentanone (MIBK) | 13 | 0.83 | | ug/mb | • | 5/7/2009 10:11:00 PM | | | |
| Acetone | 37 | 0.03 A R | 0 | ug/m3 | 4 | 5/7/2009 10:11:00 PM | | | |
| Benzene | 0.94 | 0.65 | ~ | ug/m3 | 1 | 5///2009 10:11:00 PM | | | |
| Benzyl chloride | ND | 1 1 | | ug/m3 | 3 -1 | 5/7/2009 10:11:00 PM | | | |
| Bromodichloromethane | ND | 1 4 | | ugim3 | 1 | 5/7/2009 10:11:00 PM | | | |
| Bromoform | ND | 21 | | uginio uginio | ा न | 5/7/2009 10:11:00 PM | | | |
| Bromomethane | ND | ñ 79 | | uginio | 1 -r | 5/7/2009 10:11:00 PM | | | |
| Carbon disulfide | 10 | 0.73 | | uginta | 1 | 5/7/2009 10:11:00 PM | | | |
| Carbon tetrachloride | 0.51 | 0.00 | | uginis | 1 | 5/7/2009 10:11:00 PM | | | |
| Chlorobenzene | NID | 0.20 | | ugima | 1 | 5/7/2009 10:11:00 PM | | | |
| Chloroethane | ND | 0.94 | | ug/m3 | Ĵ | 5/7/2009 10:11:00 PM | | | |
| Chioroform | 20 | 0.04 | | ug/m3 | 1 | 5/7/2009 10:11:00 PM | | | |
| Chloromethane | 2.2 ND | 0.33 | | ug/m3 | 1 | 5///2009 10:11:00 PM | | | |
| cis-1,2-Dichloroethene | ND | 0.4∡ ∩ ⊵1 | | ug/m3 | 1 | 5///2009 10:11:00 PM | | | |
| cis-1,3-Dichloropropene | ND | 0.01 | | ug/m3 | 1 | 5///2009 10:11:00 PM | | | |
| Cyclohexane | 1.0 | 0.70 | | ug/m3 ug/m3 | 1 | 5/7/2009 10:11:00 PM | | | |
| Approved By: | | Date: | 5-1 | 3-199 | • | | | | |

Approved By:

Qualifiers:

(*) Certification not offered by NYS for this compound

E Value above quantitation range

 \mathbf{r}

J Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

- Date: 5-13-09
 - В Analyte detected in the associated Method Blank
 - Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Outlying QC recoveries were associated with this analyte Q

| Analytical Report | | | Date: 13-May-09 | | | | | |
|--|--------|--|-----------------|------------------|-----------------|----------------------|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL Location Loudon Plaza Project: U0904581 Lab ID: E0904009-003A | | Client Sample ID: S Collection Date: 4/2 Tag #: 1067/321 Matrix AIR | | | 38-2 24/2009 | | | |
| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed | | |
| TO-15 (VI+TICS) | | | | | | . . | | |
| Dibromochloromethane | ND | 17 | | unim 3 | æ | Analyst: KLP | | |
| Dichlorodifluoromethane (Freon 12) | ND | 1.7 | | ugnito ug/m3 | 1 | 5/7/2009 10:11:00 PM | | |
| Ethanol (*) | 22 | 38 | 0 | ugima | । न | 5/7/2009 10,11,00 PM | | |
| Ethyl acetate (*) | 36 | 0.73 | . | uginio unima | -1 | 5/7/2009 10:11:00 PM | | |
| Ethyl benzene | ND | 0.78 | | ug/m3 | 4 | 5/7/2009 10:11:00 PM | | |
| Hexachlorobutadiene | 2.6 | 22 | R | un/m3 | * | 5/7/2008 10.11.00 PM | | |
| Hexane | ND | 0.72 | ω. | ug/m3 | 4 | 5/7/2005 10.11.00 PM | | |
| Isopropanol | 13 | 50 | 0 | ug/m3 | 1 | 5/7/2009 10.11:00 PM | | |
| m,p-Xylene | ND | 0.88 | × | ug/m3 | 1 | 5/7/2009 10.11:00 PM | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.00 | | ug/m3 | 1 | 5/7/2009 10.11.00 PM | | |
| Methylene chloride | ND | 0.71 | | uginio unim3 | 1 | 5/7/2009 10:11:00 PM | | |
| n-Heptane | ND | 0.83 | | noim3 | 1 | 5/7/2009 10.11.00 PM | | |
| o-Xylene | ND | 0.88 | | ug/m3 | * | 5/7/2009 10-11-00 PM | | |
| Propene (*) | 3.3 | 0.35 | | uo/m3 | .1 | 5/7/2009 10:11:00 PM | | |
| Styrene | ND | 0.87 | | unim3 | 4 | 5/7/2000 10-11-00 PM | | |
| Tetrachloroethene | 110 | 14 | | uo/m3 | 1 | 5/7/2000 10-11-00 PM | | |
| Tetrahydrofuran (*) | 1.9 | 0.60 | | uo/m3 | 4 | 5/7/2000 10:11:00 PM | | |
| Toluene | 4.0 | 0.77 | | uaim3 | 1 | 5/7/2009 10.11:00 PM | | |
| trans-1,2-Dichloroethene | ND | 0.81 | | unimi | 4 | 5/7/2009 10:11:00 PM | | |
| trans-1,3-Dichloropropene | ND | 0.92 | | ualm3 | 1 | 5/7/2009 10:11:00 PM | | |
| Trichloroethene | 11 | 0.02 | | uginto uginto | 4 | 5/7/2009 10:11:00 PM | | |
| Trichlorofluoromethane (Freon 11) | ND | 1 1 | | uginiti unim3 | * | 5/7/2009 10:11:00 PM | | |
| Vinyl acetate | 1.2 | 0.72 | | ugano unim3 | * | 5/7/2009 10:11:00 PM | | |
| Vinyl chloride | ND | 0.52 | | un/m3 | 1 | 5/7/2000 10:11:00 PM | | |
| NOTES: | | | | ~9 | , | STILLOUS INTELUU MM | | |

TICS are only reported in ppbv because unknowns cannot be converted to ug/m3.

Approved By:

Qualifiers:

- (*) Certification not offered by NYS for this compound
- E Value above quantitation range
- J Analyte detected below quantitation limits S
 - Spike Recovery outside accepted recovery limits

Date: 5-13-(

- В Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Outlying QC recoveries were associated with this analyte Q
| | Date: 13-May-09 | | | | | | | | |
|--|------------------------|------------|--------------------|----------|----------------------|--|--|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL | Client Sample ID: 1A-1 | | | | | | | | |
| Location Loudon Plaza | | Coll | 24/2009 |) | | | | | |
| Project: U0904581 | Tag #: 1067/130 | | | | | | | | |
| Lab ID: E0904009-002A | | Mat | rix AIR | | | | | | |
| Analyses | Result | Limit | Oual Units | DF | Date Analyzed | | | | |
| | | | ~ | | www.rumyzcu | | | | |
| 1.1.1-Trichloroethane | ND | | | | Analyst: KLF | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 4.4 4 A | ug/m3 | 1 | 5/4/2009 | | | | |
| 1,1.2-Trichloroethane | ND | 4.4 | ug/ms | 1 | 5/4/2009 | | | | |
| 1,1,2-Trifluoro-1,2,2-Trichloroethane (Freon 113) | ND | 1.1 | ug/mis | 1 | 5/4/2009 | | | | |
| 1,1-Dichloroethane | ND | 0.82 | uginia | 4 | 5/4/2009 | | | | |
| 1,1-Dichloroethene | ND | 0.81 | ug/m3 | 4 | 5/4/2009 | | | | |
| 1,2,4-Trichlorobenzene | ND | 15 | ugnno ualm3 | र त्र | 5/4/2009 | | | | |
| 1,2,4-Trimethylbenzene | NO | 1.0 | ug/mo | 1 | 5/4/2009 | | | | |
| 1,2-Dibromoethane | ND | 1.0 | ug/mu | 1 | 5/4/2009 | | | | |
| 1.2-Dichloro-1.1.2.2-tetrafluoroethane (Freon-114) | ND | 1.0 | ugmis dor2 | 1 | 5/4/2009 | | | | |
| 1.2-Dichlorobenzene | ND | 1.7 | uyma | 4 | 0/4/2009 | | | | |
| .2-Dichloroethane | ND | 0.82 | ug/m3 | 4 | 5/4/2009 | | | | |
| 1,2-Dichloropropane | ND | 0.02 | ug/ma | 1 | 5/4/2009 | | | | |
| ,3,5-Trimethylbenzene | ND | 10 | ug/m3 | 1 | 5/4/2009 | | | | |
| ,3-Butadiene | ND | 0.45 | ugini.) volm3 | i. A | 3/4/2009 | | | | |
| ,3-Dichlorobenzene | ND | 1.2 | uynno. | 1 | 5/4/2009 | | | | |
| ,4-Dichlorobenzene | ND | 12 | ugini3 | 4 | 5/4/2009 | | | | |
| ,4-Dioxane | ND | 0.73 | ug/m3 | 1 | 5/4/2009 | | | | |
| -Butanone (MEK) | ND | 0.10 | ug/m3 | 1 | 5/4/2009 | | | | |
| -Hexanone (*) | ND | 0.00 | uginio unim? | 1 | 5/4/2009 | | | | |
| -Ethyltoluene (*) | ND | 1 0 | ug/m3 | 4 | 5/4/2005 | | | | |
| -Methyl-2-Pentanone (MIBK) | ND | 0.83 | ug/m3 | 1 1 | 5/4/2009 | | | | |
| cetone | ND | 4.8 | ug/m3 | 4 | 5/4/2009 | | | | |
| enzene | ND | 0.65 | ug/m3 | 4 | 5/4/2009 | | | | |
| enzyl chloride | ND | 1.1 | ug/m3 | 1 | 5/4/2009 | | | | |
| romodichloromethane | ND | 1.4 | ug/m3 | 4 | 5/4/2009 | | | | |
| romoform | ND | 2.1 | ua/m3 | 4 | 5/4/2009 | | | | |
| romomethane | ND | 0.79 | Jin/m3 | 4 | 5/4/2000 | | | | |
| arbon disulfide | ND | 0.63 | ua/m3 | 1 | 5/4/2000 | | | | |
| arbon tetrachloride | ND | 0.26 | 10/m3 | 1 | 5/4/2000 | | | | |
| hlorobenzene | ND | 0.94 | 10/m3 | .1 | Sim Dada | | | | |
| hiorcethane | ND | 0.54 | un/m? | 1 | 5/4/2003 S/A/2000 | | | | |
| hloroform | ND | 0.99 | ugnito Unim 3 | 1 | 5/4/2009 | | | | |
| nloromethane | ND | 0.42 | ugano unim 2 | 1 | 5/2003 | | | | |
| s-1,2-Dichloroethene | ND | 0.72 | ugnito tradació | 1 | 0/4/2009 5/4/2009 | | | | |
| s-1,3-Dichloropropene | ND | 0.01 | ugino | 1 | 0/4/2009 El//2009 | | | | |
| clohexane | ND | 0.70 | ug/m3 | 1 | 5/4/2009 | | | | |
| and a second | | - | | , | U(-1/2003 | | | | |

Qualifiers: (*) $\int_{-\infty}^{1} f$ Certification not offered by NYS for this compound

E Value above quantitation range

J Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Q Outlying QC recoveries were associated with this analyte

| Analytical Report | Date: 13-May-09 | | | | | | | |
|--|--|----------|--------|-----------------|---------|----------------------|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL Location Loudon Plaza | Client Sample ID: IA-1 Collection Date: 4/24/2009 | | | | | | | |
| Project: U0904581 | | Тая | #: 106 | 7/130 | | | | |
| Lab ID: E0904009-002A | Matrix AIR | | | | | | | |
| Analyses | Result | Limit Qu | | Qual Units | | Date Analyzed | | |
| TO-15 (VI+TICS) | | | | | ******* | A | | |
| Dibromochloromethane | ND | 17 | | ualmà | 4 | Analyst: KLP | | |
| Dichlorodifluoromethane (Freon 12) | ND | 10 | | ug/m3 | 1 | 5/4/2009 | | |
| Ethanol (*) | 5.1 | 3.8 | 80 | un/m3 | + | 5/4/2009 | | |
| Ethyl acetate (*) | 53 | 0.73 | | ug/m3 | 1 | 5/4/2009 | | |
| Ethyl benzene | ND | 0.88 | | un/m3 | * | 5/4/2003 | | |
| Hexachlorobutadiene | ND | 2.2 | | ug/m3 | + 1 | 5/4/2009 6/4/2000 | | |
| Hexane | ND | 0.72 | | ug/m3 | 1 | 5/4/2003 | | |
| Isopropanol | ND | 50 | | ugimo | 1 | 5/4/2009 | | |
| m,p-Xylene | ND | 0.98 | | ug/m3 | 4 | 5/4/2009 | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.00 | | ug/m3 | * | 5/4/2009 | | |
| Methylene chloride | ND | 0.71 | | uginis uaim3 | 1 -1 | 5/4/2009 | | |
| n-Heptane | ND | 0.83 | | ug/m3 | 4 | 5/4/2005 | | |
| o-Xylene | ND | 0.88 | | ug/m3 | 4 | 5/4/2005 | | |
| Propene (*) | ND | 0.35 | | ug/m3 | • | 5/4/2008 | | |
| Styrene | ND | 0.87 | | ug/m3 | 1 | 5/4/2009 | | |
| Tetrachloroethene | 3.7 | 1.4 | | ua/m3 | • | 5/4/2009 5///2009 | | |
| Tetrahydrofuran (*) | ND | 0.60 | | ua/m3 | 1 | 5/4/2000 | | |
| Toluene | 1.1 | 0.77 | B | unim? | 4 | 5/4/2005 | | |
| trans-1,2-Dichloroethene | ND | 0.81 | ÷ | ualm? | 4 | 5/4/2009 | | |
| trans-1,3-Dichloropropene | ND | 0.92 | | ualm3 | 4 | 5/4/2009 | | |
| Trichloroethene | ND | 0.22 | | ug/m3 | 4 | 5/4/2009 | | |
| Trichlorofluoromethane (Freon 11) | ND | 11 | | uo/m3 | 1 1 | 5/4/2009 6/4/2000 | | |
| Vinyl acetate | ND | 0.72 | | unima | 1 | 51412009 | | |
| /inyl chloride | ND | 0.52 | | unim3 | • • | 5/4/2000 | | |
| NOTES: | | | | a Suna | 1 | JI TILLUUG | | |

TICS are only reported in ppbv because unknowns cannot be converted to ug/m3.

Approved By:

Qualifiers:

- (*) Certification not offered by NYS for this compound
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 5-13-09

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Q Outlying QC recoveries were associated with this analyte

| Analytical Report | | Date: 13-May-09 Client Sample ID: IA-2 | | | | | | | |
|--|-----------------|---|------------------|----------|---------------------|--|--|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL | | | | | | | | | |
| Location Loudon Plaza | | Collection Date: 4/24/2000 | | | | | | | |
| Project: 1/0904581 | Teo #. 1067/260 | | | | | | | | |
| | | 1 ag | m. 1007/202 | | | | | | |
| Lab ID: 20904009-004A | Matrix AIR | | | | | | | | |
| Analyses | Result | Limit | Qual Units | DF | Date Analyzed | | | | |
| TO-15 (VI+TICS) | | | | | Analyst: KI | | | | |
| 1,1,1-Trichloroethane | ND | 1.1 | ua/m3 | 1 | 5/5/2009 1-21-00 AM | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.4 | ua/m3 | 1 | 5/5/2009 1:21:00 AM | | | | |
| 1,1,2-Trichloroethane | ND | 1.1 | ua/m3 | 1 | 5/5/2009 1 21 00 AM | | | | |
| 1,1,2-Trifluoro-1,2,2-Trichloroethane (Freon 113) | ND | 1.6 | uo/m3 | 4 | 5/5/2009 1:21:00 AM | | | | |
| 1,1-Dichloroethane | ND | 0.82 | uo/m3 | 1 | 5/5/2009 1:21:00 AM | | | | |
| 1,1-Dichloroethene | ND | 0.81 | uo/m3 | 1 | 5/5/2009 1:21:00 AM | | | | |
| 1,2,4-Trichlorobenzene | ND | 1.5 | uo/m3 | , 1 | 5/5/2009 1:21:00 AM | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | un/m3 | 1 | 5/5/2009 1/21-00 AM | | | | |
| 1,2-Dibromoethane | ND | 1.6 | un/m? | 1 | 5/5/2000 1.21.00 AN | | | | |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114) | ND | 14 | ug/m3 | 4 | 5/5/2009 1.21.00 AW | | | | |
| 1,2-Dichlorobenzene | ND | 12 | ughta. | | 5/5/2009 1.21.00 AM | | | | |
| 1,2-Dichloroethane | ND | 0.82 | un/m3 | 1 | 5/5/2009 1.21:00 AM | | | | |
| 1,2-Dichloropropane | ND | 0.94 | ug/m3 | 1 | 5/5/2009 1.21.00 AM | | | | |
| 1,3,5-Trimethylbenzene | ND | 10 | uginio unim3 | , 1 | 5/5/2000 1.21.00 AM | | | | |
| ,3-Butadiene | ND | 0.45 | ualm3 | , 1 | 5/5/2009 1:21,00 AM | | | | |
| I,3-Dichlorobenzene | ND | 12 | ug/m3 | 1 | 5/5/2009 1:21:00 AN | | | | |
| ,4-Dichlorobenzene | ND | 12 | ug/m3 | 1 | 5/5/2000 1:21:00 MM | | | | |
| ,4-Dioxane | ND | 0.73 | ug/m3 | 4 | 5/5/2009 1.21.00 AM | | | | |
| -Butanone (MEK) | ND | 0.00 | ugima | । न | 5/5/2009 1/21.00 AM | | | | |
| -Hexanone (*) | ND | 0.83 | uginio uginio | 1 4 | 5/5/2009 1:21:00 AM | | | | |
| -Ethyltoluene (*) | ND | 1.0 | ug/m3 | 1 | 5/5/2009 1,21:00 AM | | | | |
| -Methyl-2-Pentanone (MIBK) | ND | 0.83 | ugmo | ा - स | 5/5/2009 1:21:00 AM | | | | |
| cetone | ND | 4.8 | ugnito | । न | 5/5/2009 1:21:00 AM | | | | |
| lenzene | ND | 0.65 | ug/m3 | 4 | 5/5/2009 1.21.00 AM | | | | |
| Senzyl chloride | ND | 1 1 | uginio uginio | 1 | 5/5/2009 1.21.00 AM | | | | |
| Iromodichioromethane | ND | 14 | ug/m3 | 4 | 5/5/2009 1.21.00 AM | | | | |
| romoform | ND | 24 | ug/m3 | 1 | 5/5/2009 1/21/00 AM | | | | |
| romomethane | ND | 0 79 | ugnita | 4 | 5/5/2009 1/21/00 AM | | | | |
| arbon disulfide | ND | 0.75 | uynno | + | SIGIZOUS EZTOU AM | | | | |
| arbon tetrachloride | ND | 0.00 | ugnita | 1 | SISIZUUS TIZTIOU AM | | | | |
| hlorobenzene | ND | 0.20 | ugims | 1 | 5/5/2009 1:21:00 AM | | | | |
| hloroethane | NO | 0.94 | ug/m3 | 1 | 5/5/2009 1:21:00 AM | | | | |
| hloroform | NO | 0.04 | ug/ms | 1 | 5/5/2009 1:21:00 AM | | | | |
| hloromethane | ND | 0.99 | ug/m3 | 1 | 5/5/2009 1:21:00 AM | | | | |
| s-1.2-Dichloroethene | | 0.42 | ug/m3 | 1 | 5/5/2009 1:21:00 AM | | | | |
| s-1.3-Dichloropropene | ND. | 0.01 | ug/m3 | 1 | 5/5/2009 1:21:00 AM | | | | |
| vclohexane | | 0.92 | ug/m3 | 1 | 5/5/2009 1:21:00 AM | | | | |
| | NU | U.7U | ug/m3 | 1 | 5/5/2009 1:21:00 AM | | | | |

Qualifiers:

the second (*) Certification not offered by NYS for this compound

E Value above quantitation range

J Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits В Analyte detected in the associated Method Blank

3-03

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Q

Outlying QC recoveries were associated with this analyte

| Analytical Report | Date: 13-May-09 | | | | | |
|--|-----------------|-------------|--------------------|------------------------|----------------|---------------------|
| CLIENT: NORTHEAST ENVIRONMENTAL Location Loudon Plaza | | Clie Col | ent Sam lection | ple ID: 1 Date: 4/2 | A-2 24/2009 | |
| Project: U0904581 | | Tag | #: 106 | 7/262 | | |
| Lab ID: E0904009-004A | | Mai | trix Al | R | | |
| Analyses | Result | Limit Qual | | Units | DF | Date Analyzed |
| TO-15 (VI+TICS) | | | | | | Analysis (11 m |
| Dibromochloromethane | ND | 17 | | nolm3 | 1 | S/5/2000 1-21-00 AM |
| Dichlorodifluoromethane (Freon 12) | ND | 1.0 | | ug/m3 | 1 | 5/5/2000 1:21:00 AM |
| Ethanol (*) | 24 | 3.8 | BO | ua/m3 | 1 | 5/5/2009 1-21-00 AM |
| Ethyl acetate (*) | 30 | 0.73 | | ug/m3 | 1 | 5/5/2000 1-21-00 AM |
| Ethyl benzene | ND | 0.88 | | ua/m3 | 1 | 5/5/2000 1-21-00 AM |
| Hexachlorobutadiene | ND | 2.2 | | uginis ugim3 | • | 5/5/2009 1.21.00 AN |
| Hexane | ND | 0 72 | | ug/m3 | 1 | 5/5/2009 1:21:00 AM |
| Isopropanol | 41 | 5.0 | BO | ug/m3 | • | 5/6/2005 1.21.00 AM |
| m,p-Xylene | ND | 0.88 | | ua/m3 | • | 5/5/2009 1:21:00 AM |
| Methyl tert-butyl ether (MTBE) | ND | 0.73 | | un/m3 | 1 | 5/5/2000 1:21:00 AM |
| Methylene chloride | ND | 0.71 | | ua/m3 | 1 | 5/5/2009 1:21:00 AM |
| n-Heptane | ND | 0.83 | | uo/m3 | 1 | 5/5/2009 1:21:00 AM |
| o-Xylene | ND | 0.88 | | ua/m3 | 1 | 5/5/2009 1:21:00 AM |
| Propene (*) | ND | 0.35 | | ua/m3 | 1 | 5/5/2009 1-21-00 AM |
| Styrene | ND | 0.87 | | ua/m3 | 1 | 5/5/2009 1:21:00 AM |
| Tetrachloroethene | ND | 1.4 | | ua/m3 | 1 | 5/5/2009 1-21-00 AM |
| Tetrahydrofuran (*) | ND | 0.60 | | ua/m3 | 1 | 5/5/2009 1:21:00 AM |
| Toluene | 0.84 | 0.77 | в | un/m3 | 1 | 5/5/2000 1-21-00 AM |
| trans-1,2-Dichloroethene | ND | 0.81 | - | uo/m3 | 1 | 5/5/2009 1:21:00 AM |
| trans-1,3-Dichloropropene | ND | 0.92 | | ua/m3 | 1 | 5/5/2009 1:21:00 AM |
| Trichloroethene | ND | 0.22 | | ua/m3 | 1 | 5/5/2009 1-21:00 AM |
| Trichlorofluoromethane (Freon 11) | ND | 1.1 | | ua/m3 | 1 | 5/5/2009 1:21:00 AM |
| Vinyl acetate | ND | 0.72 | | ua/m3 | , 1 | 5/5/2009 1:21:00 AM |
| Vinyl chloride NOTES: | ND | 0.52 | | ug/m3 | 1 | 5/5/2009 1:21:00 AM |

TICS are only reported in ppbv because unknowns cannot be converted to ug/m3.

Approved By:

Qualifiers:

- Certification not offered by NYS for this compound (*)
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 13

- в Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit.
- Q Outlying QC recoveries were associated with this analyte

| Analytical Report | eport Date: 13-May-09 | | | | | | | | |
|--|-----------------------|-------------------------------|------------------|---------|---------------------|--|--|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL | | Client Sample ID: OA-1 | | | | | | | |
| Location Loudon Plaza | | Coll | ection Date: 4/2 | 24/2009 |) | | | | |
| Project: (1090458) | | Tag #: 1067/287 Matrix AlR | | | | | | | |
| Lab 10- 50004000 0134 | | | | | | | | | |
| Lab ID: E0904009-011A | | | | | | | | | |
| Analyses | Result | Limit | Qual Units | DF | Date Analyzed | | | | |
| TO-15 (VI+TICS) | | | | | Analisati Kt D | | | | |
| 1,1,1-Trichloroethane | ND | 1.1 | ua/m3 | 1 | 5/7/2009 8:39-00 PM | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.4 | ug/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| 1,1,2-Trichloroethane | ND | 1.1 | iia/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| 1,1,2-Trifluoro-1,2,2-Trichloroethane (Freon 113) | ND | 1.6 | ua/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| 1,1-Dichloroethane | ND | 0.82 | uo/m3 | 4 | 5/7/2009 8:30-00 PM | | | | |
| 1,1-Dichloroethene | ND | 0.81 | ua/m3 | 1 | 5/7/2009 8:30-00 PM | | | | |
| 1,2,4-Trichlorobenzene | ND | 1.5 | uo/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| 1,2-Dibromoethane | ND | 1.6 | ua/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114) | ND | 1.4 | ua/m3 | 1 | 5/7/2009 8·39·00 PM | | | | |
| ,2-Dichlorobenzene | ND | 1.2 | ua/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| ,2-Dichloroethane | ND | 0.82 | ua/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| ,2-Dichloropropane | ND | 0.94 | ua/m3 | 1 | 5/7/2009 8:39-00 PM | | | | |
| ,3.5-Trimethylbenzene | ND | 1.0 | ua/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| ,3-Butadiene | ND | 0.45 | ua/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| ,3-Dichlorobenzene | ND | 1.2 | uo/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| ,4-Dichlorobenzene | ND | 12 | ug/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| ,4-Dioxane | ND | 0.73 | uo/m3 | 1 | 5/7/2009 8/39-00 PM | | | | |
| -Butanone (MEK) | ND | 0.60 | un/m3 | 1 | 5/7/2009 8:30 00 PM | | | | |
| 2-Hexanone (*) | ND | 0.83 | ua/m3 | - 4 | 5/7/2009 8:39:00 PM | | | | |
| -Ethyltoluene (*) | ND | 1.0 | ua/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| -Methyl-2-Pentanone (MIBK) | ND | 0.83 | ua/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| cetone | ND | 4.8 | ua/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| enzene | ND | 0.65 | ua/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| enzyl chloride | ND | 1.1 | uq/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| romodichloromethane | ND | 1.4 | ug/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| iromoform | ND | 2.1 | ua/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| romomethane | ND | 0.79 | ua/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| arbon disulfide | ND | 0.63 | ua/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| arbon tetrachloride | 0.58 | 0.26 | ua/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| hlorobenzene | ND | 0.94 | ua/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| hloroethane | ND | 0.54 | ua/m3 | 1 | 5/7/2009 8:39 00 PM | | | | |
| hloroform | ND | 0.99 | ua/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| hloromethane | ND | 0.42 | ua/m3 | 1 | 5/7/2009 8:39-00 PM | | | | |
| s-1,2-Dichloroethene | ND | 0.81 | ua/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| s-1,3-Dichloropropene | ND | 0.92 | ua/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| yclohexane | ND | 0.70 | ug/m3 | 1 | 5/7/2009 8:39:00 PM | | | | |
| Approved By: | | Date: | 5-13-0 | q | | | | | |

Qualifiers:

- (*) Certification not offered by NYS for this compound
- Е Value above quantitation range

J

- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

1. 9 ·····

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- Q Outlying QC recoveries were associated with this analyte

| Analytical Report | Date: 13-May-09 | | | | | | | |
|---|---|-------|---------|------------------|---------------------|---|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL Location Loudon Plaza Project: U0904581 | Client Sample ID: OA-1 Collection Date: 4/24/2009 Tag #: 1067/287 | | | | | | | |
| Lab ID: E0904009-0[1A | ··· •••• | Mai | trix Al | R | - A - A Mar Adamaka | and a subscription of the | | |
| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed | | |
| TO-15 (VI+TICS) | | | | | | | | |
| Dibromochloromethane | ND | 17 | | unim? | .4 | Analyst: KLP | | |
| Dichlorodifluoromethane (Freon 12) | ND | 10 | | ug/m3 | 1 | 5/7/2009 8:39:00 PM | | |
| Ethanol (*) | ND | 3.9 | | ug/ma | 1 | 5/7/2009 8:39:00 PM | | |
| Ethyl acetate (*) | 29 | 0.73 | | uymia unim? | 1 | 5/7/2009 8:39:00 PM | | |
| Ethyl benzene | ND | 0.75 | | ughno uaim3 | - | 5/7/2009 8:39:00 PM | | |
| Hexachlorobutadiene | 2.8 | 22 | R | uginio unim3 | 4 | 5/7/2009 0:59:00 PM | | |
| Hexane | ND | 0.72 | ÷ | unim? | 1 | 5/7/2009 0.39.00 PM | | |
| Isopropanol | NO | 50 | | unim3 | , 4 | 5/7/2009 0.39:00 PM | | |
| m,p-Xylene | ND | 0.88 | | ug/m3 | - 4 - 4 | 5/7/2009 8:20:00 PM | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.73 | | ug/m3 | 4 | 5/7/2009 8:39:00 PM | | |
| Methylene chloride | ND | 0.71 | | ug/m3 | 4 | 5/7/2009 9:30:00 PM | | |
| n-Heptane | ND | 0.83 | | uginio unim3 | 4 | 5/7/2009 0.39.00 PM | | |
| o-Xylene | ND | 0.88 | | uo/m3 | 1 | 5/7/2009 8:39:00 PM | | |
| Propene (*) | ND | 0.35 | | unim3 | 1 | 5/7/2009 0.59:00 PW | | |
| Styrene | ND | 0.87 | | unim2 | , 1 | 5/7/2009 0.39.00 PM | | |
| Tetrachloroethene | ND | 1.4 | | ua/m3 | 1 | 5/7/2009 6:39:00 PM | | |
| Tetrahydrofuran (*) | ND | 0.60 | | uoim? | 4 | 5/7/2009 0.39.00 PM | | |
| Toluene | ND | 0.77 | | ug/m3 | 4 | 5/7/2009 0:39:00 PNI | | |
| trans-1,2-Dichloroethene | ND | 0.81 | | unim3 | 1 | 5/7/2005 0.35.00 PN | | |
| trans-1,3-Dichloropropene | ND | 0.92 | | uginio ugini3 | 1 | 5/7/2009 0.39.00 PM | | |
| Trichloroethene | 0.22 | 0.22 | | uo/m3 | 4 | 5/7/2000 8-20-00 DM | | |
| Trichlorofluoromethane (Freon 11) | ND | 1.1 | | un/m3 | 1 1 | 5/7/2000 0.39.00 PM | | |
| Vinyl acetate | ND | 0.72 | | un/m3 | , 1 | 5/7/2009 5.39.00 PM | | |
| /inyl chloride | ND | 0.52 | | ua/m3 | י 1 | 5/7/2000 8:30:00 PM | | |
| NOTES: | | | | -3000 | , | w neoda oraș.un Lin | | |

TICS are only reported in ppbv because unknowns cannot be converted to ug/m3.

Approved By: 🌶

Qualificrs: (*)

- (*) Certification not offered by NYS for this compound
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 5-13-04

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- $\bar{Q} = Outlying QC$ recoveries were associated with this analyte

TABLE 1 VOLATILE ORGANICS DATA ANALYSIS (EPA METHOD TO-15)

Louden Plaza, 350 Northern Blvd., Albany NY

NETC Project # 08.1023054

Page 3 of 4

| | SAMPLE DESCRIPTION | | | | | | | | | | |
|-----------------------------|--------------------|----------|-----------|-----------|------------|----------------------|--|--|--|--|--|
| PARAMETER | SS-3 | IA-3 | SS-4 | IA-4 | SS-5 | IA-5 | | | | | |
| Locatio | n: Restroom | Restroom | Suite 110 | Suite 110 | Town Total | Town Total Health | | | | | |
| 1,1,1-Trichloroethane | ND | ND | ND | ND | ND | ND | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | ND | ND | ND | | | | | |
| 1,1,2-Trichloroethane | ND | ND | ND | ND | ND | ND | | | | | |
| 1,1-Dichloroethane | ND | ND | ND | ND | ND | ND | | | | | |
| 1,1-Dichloroethene | ND | ND | ND | ND | ND | ND | | | | | |
| 1,2,4-Trichlorobenzene | ND | ND | 2.5 Q | ND | ND | ND | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.1 | 1.4 Q | ND | ND | ND | | | | | |
| 1,2-Dibromoethane | ND | ND | ND | ND | ND | ND | | | | | |
| 1,2-Dichlorobenzene | ND | ND | ND | ND | ND | ND | | | | | |
| 1,2-Dichloroethane | ND | ND | ND | ND | ND | ND | | | | | |
| 1,2-Dichloropropane | ND | ND | ND | ND | ND | ND | | | | | |
| 1,3,5-Trimethylbenzene | ND | ND | ND | ND | ND | ND | | | | | |
| 1,3-Butadiene | ND | ND | ND | ND | ND | ND | | | | | |
| 1,3-Dichlorobenzene | ND | ND | ND | ND | ND | ND | | | | | |
| 1,4-Dichlorobenzene | 21 | 24 | ND | ND | ND | ND | | | | | |
| 1,4-Dioxane | ND | ND | ND | ND | ND | ND | | | | | |
| 2-Butanone (MEK) | 3.6Q | 0.66 B | 15 | ND | 6.7 | ND | | | | | |
| 2-Hexanone | 1.7 | ND | 2 Q,B | ND | 2.5 | ND | | | | | |
| 4-Ethyltoluene | ND | ND | ND | ND | ND | ND | | | | | |
| 4-Methyl-2-Pentanone (MIBK) | ND | ND | ND | ND | ND | ND | | | | | |
| Acetone | ND | 10 B,Q | 10 Q,B | ND | 24 | 8.4 Q | | | | | |
| Benzene | ND | 2 | ND | ND | 0.78 | ND | | | | | |
| Bromodichloromethane | ND | ND | ND | ND | ND | ND | | | | | |
| Bromoform | ND | ND | ND | ND | ND | ND | | | | | |
| Bromomethane | ND | ND | ND | ND | ND | ND | | | | | |
| Carbon disulfide | ND | ND | ND | ND | ND | ND | | | | | |
| Carbon tetrachloride | ND | ND | 0.64 Q | 0.51 | 0.64 | 0.58 Q | | | | | |
| Chlorobenzene | ND | ND | ND | ND | ND | ND | | | | | |
| Chloroethane | ND | ND | ND | ND | ND | ND | | | | | |
| Chloroform | ND | ND | ND | ND | ND | ND | | | | | |
| Chloromethane | ND | ND | ND | ND | ND | ND | | | | | |

Notes: All concentrations are in ug/m3

Q=Outlying QC recoveries were associated with this analyte B = Analyte detected in the associated Methd Blank

J = Analyte detected below quantitation limits

TABLE 1 VOLATILE ORGANICS DATA ANALYSIS (EPA METHOD TO-15)

Louden Plaza, 350 Northern Blvd., Albany NY

NETC Project # 08.1023054 Page 4 of 4

| | | SAMPLE DESCRIPTION | | | | | | | | | |
|--------------------------|--------------|--------------------|-----------|-----------|----------------------|----------------------|--|--|--|--|--|
| PARAMETER | SS-3 | IA-3 | SS-4 | IA-4 | SS-5 | IA-5 | | | | | |
| Locati | on: Restroom | Rest room | Suite 110 | Suite 110 | Town Total Health | Town Total Health | | | | | |
| cis-1,2-Dichloroethene | ND | ND | ND | ND | ND | ND | | | | | |
| cis-1,3-Dichloropropene | ND | ND | ND | ND | ND | ND | | | | | |
| Cyclohexane | ND | 1.7 | ND | ND | ND | ND | | | | | |
| Dibromochloromethane | ND | ND | ND | ND | ND | ND | | | | | |
| Ethanol | 5.5 Q | 61 | 42 Q | 32 Q | ND | 78 J | | | | | |
| Ethyl acetate | 3.5 Q | 34 | 28 | 22 | 29 | 28 | | | | | |
| Ethylbenzene | ND | ND | ND | ND | ND | ND | | | | | |
| Freon 11 | ND | ND | ND | ND | ND | ND | | | | | |
| Freon 114 | ND | ND | ND | ND | ND | ND | | | | | |
| Freon 12 | ND | NÐ | ND | ND | ND | ND | | | | | |
| Freon 113 | ND | ND | ND | ND | ND | ND | | | | | |
| Heptane | ND | ND | ND | ND | ND | ND | | | | | |
| Hexachlorobutadiene | 2.4 B | ND | 2.9 B | 2.6 B | 2.5 B | 2.6 B | | | | | |
| Hexane | ND | 5.7 | ND | ND | ND | ND | | | | | |
| Isopropyl Alcohol | ND | 9.4 QB | 23 QB | 12 Q | ND | 190 J | | | | | |
| m,p Xylene | ND | 33 | ND | ND | ND | ND | | | | | |
| Methyl tert-butyl ether | ND | ND | ND | ND | ND | ND | | | | | |
| Methylene chloride | ND | ND | ND | ND | ND | ND | | | | | |
| n-Heptane | ND | 1.4 | ND | ND | ND | ND | | | | | |
| o-Xylene | ND | 0.93 | ND | ND | ND | ND | | | | | |
| Propene | ND | ND | ND | ND | ND | ND | | | | | |
| Styrene | ND | ND | ND | ND | ND | ND | | | | | |
| Tetrachloroethene | 5.7 Q | ND | 4.4 | 4.5 | 11 | 1.5 Q | | | | | |
| Tetrahydrofuran | 0 | ND | ND | ND | ND | ND | | | | | |
| Toluene | 2.1 Q | 12 B | 1.8 Q | ND | 2.3 | 1.3 Q | | | | | |
| rans-1,2-Dichloroethene | ND | ND | 1.8 | ND | ND | ND | | | | | |
| rans-1,3-Dichloropropene | ND | ND | ND | ND | ND | ND | | | | | |
| richloroethene | ND | ND | 0.6 | 0.44 | 0.33 | 0.27 | | | | | |
| /inyl acetate | ND | ND | ND | ND | ND | ND | | | | | |
| inyl chloride | ND | ND | ND | ND | ND | ND | | | | | |
| ICs | 29.23 | 46.59 B | 104.4 | 61.3 | 42.27 | 87.6 | | | | | |

Notes: All concentrations are in ug/m3 except for tentatively identified compounds (TICs) which are reported in ppv Q=Outlying QC recoveries were associated with this analyte B = Analyte detected in the associated Methd Blank

 $\mathbf{J} = \mathbf{A}\mathbf{n}\mathbf{a}\mathbf{l}\mathbf{y}\mathbf{t}\mathbf{e}$ detected below quantitation limits

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| Analytical Report | Analytical Report Date: 13-May-09 | | | | | | | | |
|--|--|------------------------|-----------|---------|--|--|--|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL | | Client Sample ID: SS-3 | | | | | | | |
| Location Loudon Plaza | | Col | lection] | 24/2009 |) | | | | |
| Project: U0904581 | Tan #+ 1067/270 | | | | | | | | |
| Lab ID- E0004000-005A | tag #: 1007/279 | | | | | | | | |
| | | IVIA | | | | · · ·································· | | | |
| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed | | | |
| TO-15 (VI+TICS) | | | | | | Analyst: KI D | | | |
| 1.1,1-Trichloroethane | ND | 1.1 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.4 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 1,1,2-Trichloroethane | ND | 1.1 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 1,1,2-Trifluoro-1,2,2-Trichloroethane (Freon 113) | ND | 1.6 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 1,1-Dichloroethane | ND | 0.82 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 1,1-Dichloroethene | ND | 0.81 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 1,2,4-Trichlorobenzene | ND | 1.5 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 1,2-Dibromoethane | ND | 1.6 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114) | ND | 1.4 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 1,2-Dichlorobenzene | ND | 1.2 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 1,2-Dichloroethane | ND | 0.82 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 1,2-Dichloropropane | ND | 0.94 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 1,3-Butadiene | ND | 0.45 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 1,3-Dichlorobenzene | ND | 1.2 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 1,4-Dichlorobenzene | 21 | 1.2 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 1,4-Dioxane | ND | 0.73 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 2-Butanone (MEK) | 3.6 | 0.60 | Q | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 2-Hexanone (*) | 1.7 | 0.83 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 4-Ethyltoluene (*) | ND | 1.0 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| 4-Methyl-2-Pentanone (MIBK) | ND | 0.83 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| Acetone | ND | 4.8 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| Benzene | ND | 0.65 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| Benzyl chloride | ND | 1.1 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| Bromodichloromethane | ND | 1.4 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| Bromoform | ND | 2.1 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| Bromomethane | ND | 0.79 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| Carbon disulfide | ND | 0.63 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| Carbon tetrachloride | ND | 0.26 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| Chlorobenzene | ND | 0.94 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| Chloroethane | ND | 0.54 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| Chloroform | ND | 0.99 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| Chloromethane | ND | 0.42 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| cis-1,2-Dichloroethene | ND | 0.81 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| cis-1,3-Dichloropropene | ND | 0.92 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| Jycionexane | ND | 0.70 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM | | | |
| Approved By: | and a second | Date: | 5-5- | 3-09 | *** <>/- : : : : : : : : : : : : : : : : : : : | and a second | | | |

Approved By:

Qualifiers: (*)

Certification not offered by NYS for this compound E

Value above quantitation range

J Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

- В Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Outlying QC recoveries were associated with this analyte Q

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| Analytical Report | Date: 13-May-09 | | | | | |
|------------------------------------|-----------------|-------|---------|-----------|---------|----------------------|
| CLIENT: NORTHEAST ENVIRONMENTAL | | Clie | ent Sam | ple ID: S | SS-3 | |
| Location Loudon Plaza | | Col | lection | Date: 4/2 | 24/2009 |) |
| Project: U0904581 | | Tao | #• 106 | 7/279 | | |
| Lab ID: E0904009-005A | | Ma | trix Al | R | | |
| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
| TO-15 (VI+TICS) | | | | | | Analysts Ki D |
| Dibromochloromethane | ND | 1.7 | | ua/m3 | 1 | 5/7/2009 10:58:00 PM |
| Dichlorodifluoromethane (Freon 12) | ND | 1.0 | | ua/m3 | 1 | 5/7/2009 10:58:00 PM |
| Ethanol (*) | 5.5 | 3.8 | Q | ua/m3 | 1 | 5/7/2009 10:58:00 PM |
| Ethyl acetate (*) | 35 | 0.73 | | ua/m3 | 1 | 5/7/2009 10:58:00 PM |
| Ethyl benzene | ND | 0.88 | | ua/m3 | 1 | 5/7/2009 10:58:00 PM |
| Hexachlorobutadiene | 2.4 | 2.2 | в | ug/m3 | 1 | 5/7/2009 10:58:00 PM |
| Hexane | ND | 0.72 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM |
| Isopropanol | ND | 5.0 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM |
| m,p-Xylene | ND | 0.88 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM |
| Methyl tert-butyl ether (MTBE) | ND | 0.73 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM |
| Methylene chloride | ND | 0.71 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM |
| n-Heptane | ND | 0.83 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM |
| o-Xylene | ND | 0.88 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM |
| Propene (*) | ND | 0,35 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM |
| Styrene | ND | 0.87 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM |
| Tetrachloroethene | 5.7 | 1.4 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM |
| Tetrahydrofuran (*) | ND | 0.60 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM |
| Toluene | 2.1 | 0.77 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM |
| trans-1,2-Dichloroethene | ND | 0.81 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM |
| trans-1,3-Dichloropropene | ND | 0.92 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM |
| Trichloroethene | ND | 0.22 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM |
| Trichlorofluoromethane (Freon 11) | ND | 1,1 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM |
| Vinyl acetate | ND | 0.72 | | ug/m3 | 1 | 5/7/2009 10:58:00 PM |
| Vinyl chloride | ND | 0.52 | | ug/m3 | .1 | 5/7/2009 10:58:00 PM |
| NOTES: | | | | - | | |

TICS are only reported in ppbv because unknowns cannot be converted to ug/m3.

Approved By:

Qualifiers:

- (*) Certification not offered by NYS for this compound
 E Value above quantitation range
- E Value above quantitation rangeJ Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Q Outlying QC recoveries were associated with this analyte

| Analytical Report | | | Date: 13-May-09 | | | | | | |
|---|-----------------|--|-----------------|--------|---------------|---------------------|--|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL | | Client Sample ID: 1A-3 Collection Date: 4/24/2009 | | | | | | | |
| Location Loudon Plaza | | | | | | | | | |
| Project: U0904581 | Tag #: 1067/315 | | | | | | | | |
| Lab ID: E0904009-006A | | Mat | rix All | R | 1 N | | | | |
| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed | | | |
| TO-15 (VI+TICS) | | | | | | Analyst: KID | | | |
| 1,1,1-Trichloroethane | ND | 1.1 | | ua/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.4 | | ua/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| 1.1,2-Trichloroethane | ND | 1.1 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| 1,1,2-Trifluoro-1,2,2-Trichloroethane (Freon 113) | ND | 1.6 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| 1,1-Dichloroethane | ND | 0.82 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| 1,1-Dichloroethene | ND | 0.81 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| 1.2.4-Trichlorobenzene | ND | 1.5 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| 1,2,4-Trimethylbenzene | 1.1 | 1.0 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| ,2-Dibromoethane | ND | 1.6 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| ,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114) | ND | 1.4 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| ,2-Dichlorobenzene | ND | 1.2 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| ,2-Dichloroethane | ND | 0.82 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| ,2-Dichloropropane | ND | 0.94 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| ,3,5-Trimethylbenzene | ND | 1.0 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| 3-Butadiene | ND | 0.45 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| .3-Dichlorobenzene | ND | 1.2 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| ,4-Dichlorobenzene | 24 | 1.2 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| .4-Dioxane | ND | 0.73 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| -Butanone (MEK) | 0.66 | 0.60 | В | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| -Hexanone (*) | ND | 0.83 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| | ND | 1.0 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| -weinyi-2-Pentanone (MIBK) | ND | 0.83 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| | 10 | 4.8 | BQ | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| | 2.0 | 0.65 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| enzyl cmonde | ND | 1.1 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| | ND | 1.4 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| | ND | 2.1 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| omometnane | ND | 0.79 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| nour usumoo | ND | 0.63 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| alombeorene | ND | 0.26 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| loroothano | ND | 0.94 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| loroform | ND | 0.54 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| loromethane | ND | 0.99 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| -1 2-Dichloroethene | ND | 0.42 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| -1 3-Dichlomoronene | ND | 0.81 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| clohexane | ND 1.7 | 0.92 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | | |
| | •• * | U./U | | ugnina | 1 1 | 0/0/2009 2:0/:00 AM | | | |

Approved By:

Qualifiers:

(*) Certification not offered by NYS for this compound

E Value above quantitation range

J Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits в Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND

Outlying QC recoveries were associated with this analyte Q

| Analytical Report | Date: 13-May-09 | | | | | | | |
|--|---|-------------------------|----|-------|------------------|----------------------|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL Location Loudon Plaza Project: U0904581 Lab ID: E0904009-006A | Client Sample ID: 1A-3 Collection Date: 4/24/2009 Tag #: 1067/315 Matrix AIR | | | | | | | |
| Analyses | Result | Result Limit Qual Units | | DF | DF Date Analyzed | | | |
| TO-15 (VI+TICS) | | | | | | Analyst: KI D | | |
| Dibromochloromethane | ND | 1.7 | | ua/m3 | 1 | 5/5/2009-2:07:00 AM | | |
| Dichlorodifluoromethane (Freon 12) | ND | 1.0 | | ua/m3 | • | 5/5/2000 2:07:00 AM | | |
| Ethanoi (*) | 61 | 7.7 | | ua/m3 | 2 | 5/13/2009 2:42:00 AM | | |
| Ethyl acetate (*) | 34 | 0.73 | | ua/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| Ethyl benzene | ND | 0.88 | | ua/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| Hexachlorobutadiene | ND | 2.2 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| Hexane | 5.7 | 0.72 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| Isopropanol | 9.4 | 5.0 | BQ | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| m,p-Xylene | 3.3 | 0.88 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.73 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| Methylene chloride | ND | 0.71 | | uq/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| n-Heptane | 1.4 | 0.83 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| o-Xylene | 0.93 | 0.88 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| Propene (*) | ND | 0.35 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| Styrene | ND | 0.87 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| Tetrachloroethene | ND | 1.4 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| Tetrahydrofuran (*) | ND | 0.60 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| Toluene | 12 | 0.77 | 6 | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| trans-1,2-Dichloroethene | ND | 0.81 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| trans-1,3-Dichloropropene | ND | 0.92 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| Trichloroethene | ND | 0.22 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| Trichlorofluoromethane (Freon 11) | ND | 1.1 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| vinyl acetate | ND | 0.72 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | |
| Vinyl chloride NOTES: | ND | 0.52 | | ug/m3 | 1 | 5/5/2009 2:07:00 AM | | |

TICS are only reported in ppbv because unknowns cannot be converted to ug/m3.

Approved By:

Qualifiers:

- (*) Certification not offered by NYS for this compound
 E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 6-13-09

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- $\bar{Q} = Outlying \, QC$ recoveries were associated with this analyte

| Analytical Report | | | Date: | 13-M | ay-09 | | | | | |
|--|--------|----------------------------|-----------------------------|------|--|--|--|--|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL | | Clie | nt Sample ID [,] S | S-4 | | | | | | |
| Location Loudon Plaza | | Callection Date: ADA/2000 | | | | | | | | |
| Project: U0004591 | | Conjection Date: 4/24/2009 | | | | | | | | |
| | | 1 ag | #: 1067/295 | | | | | | | |
| Lab ID: E0904009-007A | | Matrix AIR | | | | | | | | |
| Analyses | Result | Limit | Qual Units | DF | Date Analyzed | | | | | |
| TO-15 (VI+TICS) | | | | | Analyst KI F | | | | | |
| 1,1,1-Trichloroethane | ND | 1.1 | ua/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.4 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| 1,1,2-Trichloroethane | ND | 1.1 | ua/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| 1,1,2-Trifluoro-1,2,2-Trichloroethane (Freon 113) | ND | 1.6 | ua/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| 1,1-Dichloroethane | ND | 0.82 | ua/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| 1,1-Dichloroethene | ND | 0.81 | ua/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| 1,2,4-Trichlorobenzene | 2.5 | 1.5 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| 1,2,4-Trimethylbenzene | 1.4 | 1.0 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| 1,2-Dibromoethane | ND | 1.6 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114) | ND | 1.4 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| 1,2-Dichlorobenzene | ND | 1.2 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| 1,2-Dichloroethane | ND | 0.82 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| 1,2-Dichloropropane | ND | 0.94 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| 1,3-Butadiene | ND | 0.45 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| 1,3-Dichlorobenzene | ND | 1.2 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| 1,4-Dichlorobenzene | ND | 1.2 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| 1,4-Dioxane | ND | 0.73 | ug/m3 | :1 | 5/12/2009 6:32:00 AM | | | | | |
| 2-Butanone (MEK) | 15 | 0.60 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| 2-Hexanone (*) | 2.0 | 0.83 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| t-Ethyltoluene (*) | ND | 1.0 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| I-Methyl-2-Pentanone (MIBK) | ND | 0.83 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| Acetone | 10 | 4.8 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| Senzene | ND | 0.65 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| Benzyl chloride | ND | 1.1 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| Bromodichloromethane | ND | 1.4 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| Bromoform | ND | 2.1 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| Bromomethane | ND | 0.79 | ug/m3 | -1 | 5/12/2009 6:32:00 AM | | | | | |
| Carbon disulfide | ND | 0.63 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| Carbon tetrachloride | 0.64 | 0.26 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| hlorobenzene | ND | 0.94 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| hioroethane | ND | 0.54 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| hloroform | ND | 0.99 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| hloromethane | ND | 0.42 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| IS-1,2-Dichloroethene | ND | 0.81 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| is-1,3-Dichloropropene | ND | 0.92 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| yclohexane | ND | 0.70 | ug/m3 | 1 | 5/12/2009 6:32:00 AM | | | | | |
| Approved By: | | Date: | 5-13-19 | | ann an an an an ann an ann ann ann an an | | | | | |

Qualifiers:

(*) Certification not offered by NYS for this compound

- E Value above quantitation range
- J Analyte detected below quantitation limits
- s Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded Н

ND Not Detected at the Reporting Limit

Q Outlying QC recoveries were associated with this analyte

| Analytical Report | | Date: 13-May-09 | | | | | | | |
|---|--|---------------------|------------------------------|---------------------------------|---------------|----------------------|--|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL Location Loudon Plaza Project: U0904581 | annan an a | Clie Coll Tag | ent Sam lection #: 106 | ple ID: S Date: 4/2 7/295 | S-4 4/2009 | | | | |
| Lab ID: E0904009-007A | | Mat | rix Al | R | | | | | |
| Analyses | Result | Limit | Qual | Qual Units | | Date Analyzed | | | |
| TO-15 (VI+TICS) | | | | | | Ánalusti 20 D | | | |
| Dibromochloromethane | ND | 17 | | iun/m3 | 4 | Analyst: KLP | | | |
| Dichlorodifluoromethane (Freon 12) | ND | 10 | | ug/m3 | 4 | 5/12/2009 0.32.00 AM | | | |
| Ethanol (*) | 42 | 77 | | uginio ugim3 | 2 | 5/12/2009 0.32.00 AM | | | |
| Ethyl acetate (*) | 28 | 0.73 | | un/m3 | 4 | 5/12/2003 5,20,00 AN | | | |
| Ethyl benzene | ND | 0.88 | | un/m3 | 1 | 5/12/2009 0.32.00 AM | | | |
| Hexachlorobutadiene | 2.9 | 22 | R | unim3 | , 1 | 5/12/2000 6-32:00 AM | | | |
| Hexane | ND | 0.72 | - | un/m3 | 1 | 5/12/2000 6-32-00 AM | | | |
| Isopropanol | 23 | 5.0 | | ua/m3 | • | 5/12/2000 6-32-00 AM | | | |
| m,p-Xyiene | ND | 0.88 | | ug/m3 | 1 | 5/12/2000 6:32:00 AM | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.73 | | ua/m3 | 1 | 5/12/2009 6:32:00 AM | | | |
| Methylene chloride | ND | 0.71 | | uo/m3 | 4 | 5/12/2009 6:32:00 AM | | | |
| n-Heptane | ND | 0.83 | | ua/m3 | 1 | 5/12/2009 6:32:00 AM | | | |
| o-Xylene | ND | 0.88 | | ug/m3 | 1 | 5/12/2000 6-32:00 AM | | | |
| Propene (*) | ND | 0.35 | | ua/m3 | 1 | 5/12/2009 8:32:00 AM | | | |
| Styrene | ND | 0.87 | | uo/m3 | . 1 | 5/12/2000 6:22:00 AM | | | |
| Tetrachloroethene | 4.4 | 1.4 | | ug/m3 | .1 | 5/12/2009 6:32:00 AM | | | |
| Tetrahydrofuran (*) | ND | 0.60 | | uo/m3 | 1 | 5/12/2000 6-22-00 AM | | | |
| Foluene | 1.8 | 0.77 | | uo/m3 | 1 | 5/12/2009 6:32:00 AM | | | |
| rans-1,2-Dichloroethene | ND | 0.81 | | ua/m3 | 1 | 5/12/2009 6-32-00 AM | | | |
| rans-1,3-Dichloropropene | ND | 0.92 | | ua/m3 | 1 | 5/12/2009 6:32:00 AM | | | |
| Trichloroethene | 0.60 | 0.22 | | ua/m3 | 1 | 5/12/2009 6:32:00 AM | | | |
| Trichlorofluoromethane (Freon 11) | ND | 1.1 | | ua/m3 | 1 | 5/12/2009 6:32:00 AM | | | |
| /inyl acetate | ND | 0.72 | | ua/m3 | 1 | 5/12/2009 6:32:00 AM | | | |
| /inyl chloride | ND | 0.52 | : | uq/m3 | 1 | 5/12/2009 6:32:00 AM | | | |
| NOTES: | | | | | • | | | | |

TICS are only reported in ppbv because unknowns cannot be converted to ug/m3.

Approved By:

Qualifiers:

- (*) Certification not offered by NYS for this compound
 E Value above quantitation range
- E Value above quantitation rangeJ Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 6-13-09

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Q Outlying QC recoveries were associated with this analyte

| | 10111101111111111111111111111111111111 | Date: 13-May-09 | | | | | | | |
|--|--|----------------------------|--|-------|----|---|--|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL | 2 | Client Sample ID: IA-4 | | | | | | | |
| Location Loudon Plaza | | Collection Date: 4/24/2009 | | | | | | | |
| Project: U0904581 | | Tag #: 1067/303 | | | | | | | |
| Lab ID: E0904009-008A | | Mateix AIR | | | | | | | |
| | ······ | | ······································ | • | | ana any afa da ang ang ang ang ang ang ang ang ang an | | | |
| Analyses | Kesult | Limit | Qual | Units | DF | Date Analyzed | | | |
| TO-15 (VI+TICS) | | | | | | Analyst: KLP | | | |
| 1,1,1-Trichloroethane | ND | 1.1 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.4 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 1,1,2-Trichloroethane | ND | 1.1 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 1,1,2-Trifluoro-1,2,2-Trichloroethane (Freon 113) | ND | 1.6 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 1,1-Dichloroethane | ND | 0.82 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 1,1-Dichloroethene | ND | 0.81 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 1,2,4-Trichlorobenzene | ND | 1.5 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 1,2-Dibromoethane | ND | 1.6 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114) | ND | 1.4 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 1,2-Dichlorobenzene | ND | 1.2 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 1,2-Dichloroethane | ND | 0.82 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 1,2-Dichloropropane | ND | 0.94 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 1,3-Butadiene | ND | 0.45 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 1,3-Dichlorobenzene | ND | 1.2 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 1,4-Dichlorobenzene | ND | 1.2 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 1,4-Dioxane | ND | 0.73 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 2-Butanone (MEK) | ND | 0.60 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 2-Hexanone (*) | ND | 0.83 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 4-Ethyltoluene (*) | ND | 1.0 | | uq/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| 4-Methyl-2-Pentanone (MIBK) | ND | 0.83 | | ug/m3 | Ť | 5/7/2009 7:06:00 PM | | | |
| Acetone | ND | 4.8 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Senzene | ND | 0.65 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Benzyl chloride | ND | 1.1 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Bromodichloromethane | ND | 1.4 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Bromoform | ND | 2.1 | | ua/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Bromomethane | ND | 0.79 | | ua/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Carbon disulfide | ND | 0.63 | | ua/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Carbon tetrachloride | 0.51 | 0.26 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| hlorobenzene | ND | 0.94 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| hiorcethane | ND | 0.54 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| hloraform | ND | 0.99 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| hloromethane | ND | 0.42 | | ua/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| is-1,2-Dichloroethene | ND | 0.81 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| is-1,3-Dichloropropene | ND | 0.92 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| lvrinhevane | AID | 0 70 | | | | | | | |

Approved By:

Qualifiers:

(*) Certification not offered by NYS for this compound

control of another

E Value above quantitation range

J Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

Date: 5-13-04

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Q Outlying QC recoveries were associated with this analyte

| Analytical Report | | Date: 13-May-09 | | | | | | | |
|--|---|------------------|---|-------|----|---------------------|--|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL Location Loudon Plaza Project: U0904581 Lab ID: E0904009-008A | Client Sample ID: 1A-4 Collection Date: 4/24/2009 Tag #: 1067/303 Matrix AIR | | | | | | | | |
| Analyses | Result | Limit Qual Units | | | DF | Date Analyzed | | | |
| TO-15 (VI+TICS) | | | | | | Analusti KI D | | | |
| Dibromochloromethane | ND | 17 | | un/m3 | f | 5/7/2000 7:06:00 DM | | | |
| Dichlorodifiuoromethane (Freon 12) | ND | 1.0 | | un/m3 | * | 5/7/2009 7:06:00 PM | | | |
| Ethanol (*) | 32 | 38 | 0 | ua/m3 | 1 | 5/7/2000 7:00:00 PM | | | |
| Ethyl acetate (*) | 22 | 0.73 | ~ | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Ethyl benzene | ND | 0.88 | | ua/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Hexachlorobutadiene | 2.6 | 2.2 | в | ua/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Hexane | ND | 0.72 | | ua/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Isopropanol | 12 | 5.0 | Q | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| m,p-Xylene | ND | 0.88 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.73 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Methylene chloride | ND | 0.71 | | ua/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| n-Heptane | ND | 0.83 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| o-Xylene | ND | 0.88 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Propene (*) | ND | 0.35 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Styrene | ND | 0.87 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Tetrachloroethene | 4.5 | 1.4 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Tetrahydrofuran (*) | ND | 0.60 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Toluene | ND | 0.77 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| rans-1,2-Dichloroethene | ND | 0.81 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| rans-1,3-Dichloropropene | ND | 0.92 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Trichloroethene | 0.44 | 0.22 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Frichlorofluoromethane (Freon 11) | ND | 1.1 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Jinyl acetale | ND | 0.72 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| Jinyl chloride | ND | 0.52 | | ug/m3 | 1 | 5/7/2009 7:06:00 PM | | | |
| NOTES: | | | | | | | | | |

TICS are only reported in ppbv because unknowns cannot be converted to ug/m3.

Approved By:

Qualifiers:

- (*) Certification not offered by NYS for this compound
 E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Q Outlying QC recoveries were associated with this analyte

| Analytical Report | | Date: 13-May-09 | | | | | | | |
|--|----------------------------|-----------------|-------------|-----------|----------------------------|---------------------------------------|--|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL | | Clie | nt Sample | ID: S | S-5 | | | | |
| Location Loudon Plaza | Collection Date: 4/24/2009 | | | | | | | | |
| Project: 110904581 | Tao #: 1067/337 | | | | | | | | |
| | | | | | | | | | |
| | Matrix AIR | | | | | | | | |
| Analyses | Result | Limit | Qual U | nits | DF | Date Analyzed | | | |
| TO-15 (VI+TICS) | | | | | | Analyst: KI D | | | |
| 1,1,1-Trichloroethane | ND | 1.1 | U | a/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.4 | Lie Lie | 2/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 1,1,2-Trichloroethane | ND | 1.1 | UK | a/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 1,1,2-Trifluoro-1,2,2-Trichioroethane (Freon 113) | ND | 1.6 | U | a/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 1,1-Dichloroethane | ND | 0.82 | u | - a/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 1,1-Dichloroethene | ND | 0.81 | u | 1/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 1,2,4-Trichlorobenzene | ND | 1.5 | u | 1/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | uc | u/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 1,2-Dibromoethane | ND | 1.6 | u | 1/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 1.2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114) | ND | 1.4 | uc | 1/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 1,2-Dichlorobenzene | ND | 1.2 | uc | 1/m3 | 1: | 5/12/2009 7:18:00 AM | | | |
| 1,2-Dichloroethane | ND | 0.82 | uc | i/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 1,2-Dichloropropane | ND | 0.94 | uc | 1/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | uc | ı/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 1,3-Butadiene | ND | 0.45 | uc | 1/m3 | 1 | 5/12/2009 7-18-00 AM | | | |
| 1,3-Dichlorobenzene | ND | 1.2 | uc | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 1,4-Dichlorobenzene | ND | 1.2 | uo | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 1,4-Dioxane | ND | 0.73 | ug | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 2-Butanone (MEK) | 6.7 | 0.60 | υq | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 2-Hexanone (*) | 2.5 | 0.83 | ua | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 4-Ethyltoluene (*) | ND | 1.0 | ua | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| 4-Methyl-2-Pentanone (MIBK) | ND | 0.83 | ua | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Acetone | 24 | 4.8 | uq | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Benzene | 0.78 | 0.65 | uq | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Benzyl chloride | ND | 1.1 | ug | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Bromodichloromethane | ND | 1.4 | ug | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Bromoform | ND | 2.1 | ua | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Bromomethane | ND | 0.79 | uq | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Carbon disulfide | ND | 0.63 | uq | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Carbon tetrachloride | 0.64 | 0.26 | ug | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Chlorobenzene | ND | 0.94 | uq | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Chloroethane | ND | 0.54 | ua | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Chloroform | ND | 0.99 | ua | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Chloromethane | ND | 0.42 | ມຕາມ | m3 | 1 | 5/12/2009 7-18-00 AM | | | |
| is-1,2-Dichloroethene | ND | 0.81 | -9. UD/ | /m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| is-1,3-Dichloropropene | ND | 0.92 | -99/ UD/ | m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Syclohexane | ND | 0.70 | | m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Annewed Buy 120 | | - | ES | AA | • 1919/05 - Saran - 111 | · · · · · · · · · · · · · · · · · · · | | | |

Approved By:

Qualifiers:

(*) Certification not offered by NYS for this compound

 $\boldsymbol{E} = \boldsymbol{V} alue above quantitation range$

J Analyte detected below quantitation limits

S = Spike Recovery outside accepted recovery limits

Date: 9-13-04

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Q Outlying QC recoveries were associated with this analyte

| Analytical Report | | Date: 13-May-09 | | | | | | | |
|--|--------|-----------------|-------------------|------------------------|---------------|----------------------|--|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL Location Loudon Plaza | | Clie Coll | nt Sam lection | ple ID: S Date: 4/2 | S-5 4/2009 | 2 ⁻² | | | |
| Project: U0904581 | | Tag | #: 106 | 7/337 | | | | | |
| Lab ID: E0904009-009A | | Mat | trix All | R | | | | | |
| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed | | | |
| TO-15 (VI+TICS) | | | | | | Analyst: KID | | | |
| Dibromochloromethane | ND | 1.7 | | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Dichlorodifluoromethane (Freon 12) | ND | 1.0 | | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Ethanol (*) | ND | 3.8 | | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Ethyl acetate (*) | 29 | 0.73 | | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Ethyl benzene | ND | 0.88 | | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Hexachlorobutadiene | 2.5 | 2.2 | B | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Hexane | ND | 0.72 | | ua/m3 | 1 | 5/12/2009 7-18:00 AM | | | |
| Isopropanol | ND | 5.0 | | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| m,p-Xylene | ND | 0.88 | | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.73 | | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Methylene chloride | ND | 0.71 | | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| n-Heptane | ND | 0.83 | | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| o-Xylene | ND | 0.88 | | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Propene (*) | ND | 0.35 | | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Styrene | ND | 0.87 | | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Tetrachloroethene | 11 | 1.4 | | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Tetrahydrofuran (*) | ND | 0.60 | | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Toluene | 2.3 | 0.77 | | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| rans-1,2-Dichloroethene | ND | 0.81 | | ug/m3 | 4 | 5/12/2009 7:18:00 AM | | | |
| rans-1,3-Dichloropropene | ND | 0.92 | | ua/m3 | 1 | 5/12/2009 7·18·00 AM | | | |
| Frichloroethene | 0.33 | 0.22 | | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| frichlorofluoromethane (Freon 11) | ND | 1.1 | | ua/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| /inyl acetate | ND | 0.72 | | ug/m3 | 1 | 5/12/2009 7:18:00 AM | | | |
| Vinyl chloride | ND | 0.52 | | ug/m3 | 1 | 5/12/2009 7:18:00 AM | | | |

TICS are only reported in ppbv because unknowns cannot be converted to ug/m3.

Approved By: « Date: 5-13 Qualifiers: (*) Certification not offered by NYS for this compound B Analyte detected in the associated Method Blank Ε Value above quantitation range Н Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit S Spike Recovery outside accepted recovery limits Outlying QC recoveries were associated with this analyte Q

Page 18 of 22

| CLIENT: NORTHEAST ENVIRONMENTAL ocation Loudon Plaza roject: U0904581 .ab ID: E0904009-010A .nalyses O-15 (VI+TICS) .1,1-Trichloroethane .1,2,2-Tetrachloroethane | Result | Clie Coll Tag Mat Limit | nt Sam ection 1 #: 106 rix All Qual | ple ID: 1 Date: 4/2 7/283 R Unite | A-5 4/2009 | |
|--|--------|-------------------------------------|---|---|--------------------|---------------------|
| ocation Loudon Plaza roject: U0904581 ab ID: E0904009-010A nalyses O-15 (VI+TICS) ,1,1-Trichloroethane ,1,2,2-Tetrachloroethane | Result | Coll Tag Mat Limit | ection 1 #: 106 rix All Qual | Date: 4/2 7/283 R | 24/2009 | • |
| 'roject: U0904581 .ab ID: E0904009-010A .nalyses O-15 (VI+TICS) .1,1-Trichloroethane .1,2,2-Tetrachloroethane | Result | Tag Mat Limit | #: 106 rix All Qual | 7/283 R Unite | | |
| ab ID: E0904009-010A nalyses O-15 (VI+TICS) ,1,1-Trichloroethane ,1,2,2-Tetrachloroethane | Result | Mat Limit | rix All Qual | R Inite | | |
| O-15 (VI+TICS) ,1,1-Trichloroethane ,1,2,2-Tetrachloroethane | Result | Mat Limit | Qual | K Mnite | | |
| O-15 (VI+TICS) ,1,1-Trichloroethane ,1,2,2-Tetrachloroethane | Result | Limit | Qual | l'inite | A.F. 1844 | |
| O-15 (VI+TICS) ,1,1-Trichloroethane ,1,2,2-Tetrachloroethane | | | | VIIIIJ | DF | Date Analyzed |
| ,1,1-Trichloro et hane ,1,2,2-Tetrachloroethane | | | | | | Analyst: KI |
| ,1,2,2-Tetrachioroethane | ND | 1.1 | | ug/m3 | 1 | 5/7/2009 7:53:00 PM |
| | ND | 1.4 | | ug/m3 | 1 | 5/7/2009 7:53:00 PM |
| ,1,2-Trichloroethane | ND | 1.1 | | uq/m3 | 1 | 5/7/2009 7:53:00 PM |
| ,1,2-Trifluoro-1,2,2-Trichloroethane (Freon 113) | ND | 1.6 | | ua/m3 | 1 | 5/7/2009 7:53:00 PM |
| ,1-Dichloroethane | ND | 0.82 | | uq/m3 | 1 | 5/7/2009 7:53:00 PM |
| ,1-Dichloroethene | ND | 0.81 | | ua/m3 | 1 | 5/7/2009 7:53:00 PM |
| ,2,4-Trichlorobenzene | ND | 1.5 | | ug/m3 | 1 | 5/7/2009 7:53:00 PM |
| ,2,4-Trimethylbenzene | ND | 1.0 | | ug/m3 | 1 | 5/7/2009 7:53:00 PM |
| 2-Dibromoethane | ND | 1.6 | | ua/m3 | 1 | 5/7/2009 7-53-00 PM |
| 2-Dichloro-1,1,2,2-letrafluoroethane (Freon-114) | ND | 1.4 | | ua/m3 | 1 | 5/7/2009 7:53:00 PM |
| 2-Dichlorobenzene | ND | 1.2 | | ug/m3 | 1 | 5/7/2000 7-53-00 DM |
| 2-Dichloroethane | ND | 0.82 | | uo/m3 | • | 6/7/2000 7-53-00 DM |
| 2-Dichloropropane | ND | 0.94 | | ua/m3 | 1 | 5/7/2000 7-52-00 DM |
| 3,5-Trimethylbenzene | ND | 10 | | ug/m3 | * | 5/7/2000 7-52-00 DM |
| 3-Butadiene | ND | 0.45 | | ug/m3 | 1 | 5/7/2003 7:52:00 PM |
| 3-Dichlorobenzene | ND | 12 | | ug/m3 | 4 | 5/7/2000 7:53:00 PM |
| 4-Dichlorobenzene | ND | 1.2 | | ug/m3 | 1 | 5/7/2009 7:53:00 PM |
| 4-Dioxane | ND | 0.73 | | ualm3 | 1 | 5/7/2000 7:63:00 PM |
| Butanone (MEK) | ND | 0.60 | | ug/m3 | , 1 | 5/7/2000 7:53-00 PM |
| Hexanone (*) | ND | 0.83 | | ua/m3 | 1 | 5/7/2000 7:53:00 PM |
| Ethyltoluene (*) | ND | 1.0 | | ug/m3 | • | 5/7/2000 7:53:00 PM |
| Methyl-2-Pentanone (MIBK) | ND | 0.83 | | ualm3 | * | 5/7/2009 7:53:00 PM |
| cetone | 8.4 | 4.8 | 0 | ugano ugano | 4 | 5/7/2009 7:53:00 PM |
| enzene | ND | 0.65 | ~ | ugim3 | 4 | 5/7/2009 7:53:00 PM |
| enzyl chloride | ND | 1 1 | | ug/m3 | 4 | 5/7/2003 7.53.00 PM |
| omodichloromethane | ND | 1 1 | | un/m? | 1 | 5/7/2009 7.00.00 PM |
| omoform | ND | 21 | | unim? | 1 | 5/7/2009 7:53:00 PM |
| omomethane | ND | 0.79 | | ua/m? | , 1 | 5/7/2009 7:03:00 PM |
| rbon disulfide | ND | 0.63 | | ua/m? | 1 | 5/7/2008 7:53:00 PM |
| rbon tetrachloride | 0.58 | 0.26 | | 10/m ² | 1 | 6/7/2000 7-53-00 PM |
| lorobenzene | ND | 0.94 | | ug/m³ | 1 | 5/7/2009 7:53:00 PM |
| loroethane | ND | 0.54 | | unima | • | 5/7/2000 7-52-00 PM |
| loroform | ND | 0.99 | | unim? | , 1 | 5/7/2003 1.53.00 PM |
| loromethane | ND | n.42 | | unter? | • | 5/7/2009 1:00:00 PM |
| -1.2-Dichloroethene | ND | 0.42 | | ugano untero | 1 | 5///2009 /:53:00 PM |
| -1.3-Dichloropropene | ND | 0.01 | | ug/m3 | 1 | 5///2009 7:53:00 PM |
| clohexane | ND | 0.32 | | ug/m3 | 1 | 5/7/2009 7:53:00 PM |
| | Uri | 0.70 | - 1 | ug/m3 | ∳ ¹ · · | 5/772009 7:53:00 PM |

(*) Certification not offered by NYS for this compound

- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank 8
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- Outlying QC recoveries were associated with this analyte Q

| Analytical Report | | Date: 13-May-09 | | | | | | |
|--|------------|-----------------|---------|------------------------|---------------|---------------------|--|--|
| CLIENT: NORTHEAST ENVIRONMENTAL Location Loudon Plaza | , | Clie Coll | ent Sam | ple ID: 1 Date: 4/2 | A-5 4/2009 | | | |
| Project: U0904581 | | Тал | # 106 | 7/783 | | | | |
| Lab ID: E0904009-010A | Matrix AlR | | | | | | | |
| Analyses | Result | Limit Qual | | Units | DF | Date Analyzed | | |
| TO-15 (VI+TICS) | | | | | | Analyst KID | | |
| Dibromochloromethane | ND | 1.7 | | ua/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| Dichlorodifluoromethane (Freon 12) | ND | 1.0 | | ug/m3 | 1 | 5/7/2000 7:53-00 PM | | |
| Ethanol (*) | 78 | 310 | .1 | ua/m3 | 81.5 | 5/12/2009 | | |
| Ethyl acetate (*) | 28 | 0.73 | | uo/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| Ethyl benzene | ND | 0.88 | | ua/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| Hexachlorobutadiene | 2.6 | 2.2 | в | ug/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| Hexane | ND | 0.72 | | ua/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| Isopropanol | 190 | 400 | J | ua/m3 | 81.5 | 5/12/2009 | | |
| m,p-Xylene | ND | 0.88 | | ua/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.73 | | ua/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| Methylene chloride | ND | 0.71 | | ug/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| n-Heptane | ND | 0.83 | | ua/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| o-Xylene | ND | 0.88 | | ua/m3 | 1 | 5/7/2009 7.53.00 PM | | |
| Propene (*) | ND | 0.35 | | ua/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| Styrene | ND | 0.87 | | ua/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| Tetrachloroethene | 1.5 | 1.4 | | uq/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| Tetrahydrofuran (*) | ND | 0.60 | | ua/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| Toluene | 1.3 | 0.77 | | ug/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| trans-1,2-Dichloroethene | ND | 0.81 | | ug/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| trans-1,3-Dichloropropene | ND | 0.92 | | ug/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| Trichloroethene | 0.27 | 0.22 | | ug/m3 | -1 | 5/7/2009 7:53:00 PM | | |
| Trichlorofluoromethane (Freon 11) | ND | 1.1 | | ug/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| Vinyl acetate | ND | 0.72 | | ug/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| Vinyl chloride | ND | 0.52 | | ug/m3 | 1 | 5/7/2009 7:53:00 PM | | |
| NOTES: | | | | | | | | |

TICS are only reported in ppbv because unknowns cannot be converted to ug/m3.

Approved By:

Qualifiers:

- (*) Certification not offered by NYS for this compound
 E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 5-13-04

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Q Outlying QC recoveries were associated with this analyte

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*

Po # 4836

Chain of Custody

6034 Corporate Drive, East Syracuse, NY 13057 • Phone 315.437.0255 • Fax 315.437.1209 • www.upstatelabs.com

Page 1 of 2

| Company: Northeast Environmental Tech. Corp, | Project Name: Loudon Plaza | Date: | |
|--|--------------------------------|--------------------|--|
| Address: 1476 Route 50 | Customer Job Number: 8.1023054 | 4/21/2009 | |
| City: Ballston Spa State: NY Zip: 12020 | Location: | Work Order: | |
| Project Contact: Rob, Cell: 518-361-8556 | | 1067 (Page 1 of 2) | |
| Phone: 518-884-8545 Fax: 518-884-9710 | Shipper: Velocity | Turnaround Time: | |
| Email: robnetc@nycap.rr.com | Airbill Number: | 10 Day | |

| | | | Ser | ial #'s | | | Sam | oling | **** | | Gauge | | 1 |
|---|---------------|---------------------------|--------|---------|------|------------|-------|-------------|----------|-------|---------|--|-----|
| | Laboratory ID | Client Sample ID/Location | Can | Sampler | \$ | Sample Sta | art | S | ample Fi | nish | At | Analysis Requested | |
| | | | Number | Number | Date | Time | Gauge | Date | Time | Gauge | Receipt | E 0904009 | |
| U | 904581-1 | <u></u> | 320 | 2677 | 4/23 | 2:46 | -30 | 4/24 | 10.42 | -41 | 0 | TO-15, V.L + TICs, (0.25 & 1.0 ug/m3) | 100 |
| | 3 | JA-L. | 130 | 2669 | 4/23 | 2:47 | - 38 | 4/24 | 1042 | -7 | -7 | TO-15, V.I. + TICs, (0.25 & 1.0 ug/m3) | 100 |
| | 3 | <u>\$5-2</u> | 321 | 2671 | 1/23 | 207 | -29 | 4/24 | 10.23 | -3 | -3 | TO-15, V.I. + TICs, (0.25 & 1.0 ug/m3) | 10 |
| | Ч | IA-2 V | 262 | 2713 | 4/23 | 1:53 | 29 | 1/24 | 10:22 | -6 | -6 | TO-15, V.I. + TICs, (0.25 & 1.0 ug/m3) | 10 |
| | 5 | <u>35-3</u> | 279 | 2666 | 4/23 | 2:23 | -25 | 4/24 | 10:52 | -4 | -5 | TO-15, V.I. + TICs, (0.25 & 1.0 ug/m3) | 10 |
| | 6 | IA-3 · / | 315 | 2660 | 4/23 | 2:24 | -29 | 4/24 | 10:32 | -6 | -6 | TO-15, V.I. + TICs, (0.25 & 1.0 ua/m3) | 100 |
| | | <u>55-4</u> · / | 295 | 2674 | 4/23 | 2:16 | -30 | <i>4124</i> | 10:24 | -4 | -4 | TO-15, V.I. + TICs, (0.25 & 1.0 ug/m3) | les |
| | 8 | IN-4 / | 303 | 2668 | 1/23 | 2:12 | -30 | 4/24 | 10:26 | -4 | -4 | TO-15, V.I. + TICs, (0.25 & 1.0 µa/m3) | 00 |
| | 9 | 55-5 / | 337 | 2672 | 4/25 | 2:36 | - 29 | 4/24 | 10:36 | -6% | -6 | TO-15, V.I. + TICs, (0.25 & 1.0 ua/m3) | 0 |
| l | | <u>ta-5</u> | 283 | 2678 | 1/23 | 2:37 | -30 | 4/24 | 10:35 | -7 | -7 | TO-15, V.I. + TICs (0.25.8.1.0 µg/m3) | 01 |

| Relinguished by (elignatione) | Date | Time | Received By (signature) | Date | Time | Notes |
|--|--------|-------|-------------------------|----------|----------|--|
| Sak- | 4/1/09 | 18:10 | TO VELOCITY COURIERS | | | Enclosed are [11] Sampler Regulators numbers: |
| ME BAR | 1/3/6 | 11:30 | Mat Of | interlig | 930 A | 2665; 2713; 2666; 2671; 2678; 2674; 2660; 2669; |
| MAN Q | ypylog | Se | Banne | 4/290 | 9 /25 | 2677; 2672; 2668. |
| - KCAINP | H/27/0 | 2'094 | Fhistewott | Hala | 1130 | [5] Sub-slab, [5] Indoor ambient, [1] Outdoor ambient. |
| · · · · · · · · · · · · · · · · · · · | | | | 1 1 ' | | DOH Vapor Intrusion Guidelines |
| andro, and a construction of the construction of the particular statements of the free database of the constru | | | | | ~ | Cont'd next page |



Chain of Custody

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Pa 2

| 'age | 2 | of | 2 |
|------|-------------|----|---|
| - | Australius, | | |

| Company: Northeast Environ | mental Tech. Corp. | Project Name: Loudon Plaza | Date: | |
|------------------------------------|---|--------------------------------|--------------------|--|
| Address: 1476 Route 50 | Maring and Marine and M | Customer Job Number: 8.1023054 | 4/21/2009 | |
| City: Ballston Spa | State: NY Zip: 12020 | Location: | Work Order: | |
| Project Contact: Rob, Cell: 518-36 | 1-8556 | | 1067 (Page 2 of 2) | |
| Phone: 518-884-8545 | Fax: 518-884-9710 | Shipper: Velocity | Turnaround Time: | |
| Email: robnetc@nycap.rr.com | | Airbill Number: | 10 Day | |

| Laboratory ID | | | Serial #'s | | Sampling | | | | | **** | Gauce | 1 | |
|---------------|-----------|---|------------|---------|--|------|-------|---------------|-------|-------|---------|--|------|
| | | Client Sample ID/Location | Can | Sampler | Sample Start | | | Sample Finish | | | AI | Analysis Requested | |
| | | | Number | Number | Date | Time | Gauge | Date | Time | Gauge | Receipt | | |
| UO | 904587-11 | 04-1 | 287 | aldes | 4/23 | 3:09 | -30 | 4/24 | 10199 | -9 | -8 | TO-15, V.I. + TICs, (0.25 & 1.0 ug/m3) | τ |
| | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | • | | | | | |
| | | an a shara shekara she | | | | | | | | | | | |
| | | 1999 (1999) 1999 - 1997 - 1997) 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19 | | | | | | | | | | | |
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| | <u> </u> | | | | | | T | | | | | n an | |

| Relinguiched by (signature) | Date | Time | Received By (signature) | Date | Time | Notes |
|-----------------------------|---------|-------|-------------------------|--------|-----------------|--|
| Sat. | Halog | 18:10 | VELOCITY COURIER | | | Enclosed are [11] Sampler Regulators numbers: |
| Remon | 4/24/07 | 11.30 | Metty . | ikilon | 9 ⁵⁰ | 2665; 2713; 2666; 2671; 2678; 2674; 2660; 2669; |
| 11 Th | 4/27/09 | 500 | Kinino | 1/2014 | 1475 | 2677; 2672; 2668. |
| - ACRIMP | 4/29/0 | 1 890 | 5 Kustowiti | trib | 1139 | [5] Sub-slab, [5] Indoor ambient, [1] Outdoor ambient. |
| J | | | | | | DOH Vapor Intrusion Guidelines |
| | | | | | | |

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Appendix H

IYER ENVIRONMENTAL DATA VALIDATION



IYER ENVIRONMENTAL GROUP, PLLC

CONSULTING ENGINEERS & SCIENTISTS

September 15, 2009



44 Rolling Hills Drive Orchard Park, NY 14127 e-mail: iegpllc@aol.com Phone: (716) 662-4157 Cell: (716) 445-9684 Fax: (716) 662-2118

Mr. Jeff Wink NETC P.O. Box 2167 Ballston Spa, NY 12020

<u>Subject</u>: Data Validation for Volatile Organics Analysis on Air Samples Collected at Loudon Plaza, 450 Northern Blvd., Albany, NY

Dear Jeff:

Per your request IEG performed analytical data validation for air samples collected on April 23 and April 24, 2009 at the above referenced site. The samples were analyzed by ENALYTIC (Syracuse, NY) using EPA Method TO-15. Data validation procures followed EPA guidelines for Method TO-15 and was limited to review of documents provided including data deliverables, holding times, chain of custody forms, and laboratory quality control (QC) data (CRQLs, LCSs, CCVs and method blanks) associated with the samples.

Based on our review, all data are considered useable with the qualifiers on the attached tables and as noted below:

- Eleven air samples were collected between April 23 and 24, 2009 and delivered by courier to Enalytic, LLC of East Syracuse on April 29.
- Samples were analyzed over a period of several days between May 4-12, 2009 (see attached Table 2). All samples were analyzed from ten to eighteen days after collection, which is within the allowed holding time of 30 days. QC data corresponding to the actual day of analysis was reviewed for each sample.
- Data deliverables from the lab included data analysis sheets; Tentatively Identified Compounds (TICs); and, Chain of Custody Sheets with corresponding Lab and NETC sample ID numbers and canister serial numbers noted. Quality Control data for CCVs, method blanks, LCS and CRQLs was provided by Enalytic for the days that samples were analyzed. Performance check and calibration data for laboratory equipment were not reviewed.
- A canister certification form from the lab stating the canisters were clean prior to testing was not available.
- According to NETC staff, leak tests were performed on all of the canisters at the start and finish of testing. The vacuum in the canisters at the start of testing ranged from 30 to 26 psi, and at the completion of testing from 7 to 1 psi. The leak test variation from start to completion of testing is within the acceptable range.

A COMMITMENT TO RESPONSIVENESS, TIMELINESS, QUALITY AND COST-EFFECTIVE SOLUTIONS

Mr. Jeff Wink, NETC Data Validation report, Louden Plaza, September 15, 2009, Page 2

- Percent recoveries for all analytes in the CRQL QC samples ranged from 60% to 3000%, while the normal acceptable limits range from 65% to 135%. The May 7, 2009 QC sample contained the largest variation in percent recoveries. Percent recoveries in the QC samples for analytes actually detected in the Loudon Plaza samples ranged from 80% for hexane to 2500% for toluene. Percent recoveries for LCS QC samples ranged from 49 to 130 percent, and for CCV samples ranged from 60 to 160 percent. Samples in the data table were flagged with a 'Q' indicating outlying QC recoveries for the corresponding analytes. The analytical results provided by the lab had some of the data flagged; other flags were added during the data validation process.
- Acetone, ethanol and isopropanol were detected in method blanks below quantitation limits. 1,2,4 trimethylbenzene, 2-butanone and hexachlorobutadiene were detected in methods above quantitation limits. Samples were flagged with a 'B' indicating that an analyte was detected in the method blank.

Conclusions and Recommendations

• In accordance with USEPA guidelines, all sample results are considered valid and useable with the data qualifiers included in the attached Table 1.

We appreciate this opportunity to provide you with data validation services. Please call me if you have any questions or need additional information.

Sincerely, IVER ENVIRONMENTAL GROUP, PLLC

Camapan

Dharmarajan R. lyer, Ph.D., P.E., CES

TABLE 2 SUMMARY OF AIR SAMPLE DATA REVIEWED LOUDEN PLAZA, 350 NORTHERN BLVD., ALBANY, NY SAMPLES COLLECTED APRIL 23 24, 2009

| NETC Sample # | Lab | Cannister # | Start time / Finish time | Date analyzed by lab | Raw Data Available? (Y/N) | Holding time exceeded? (Y/N) | Reviewer | Comments |
|------------------|----------|-------------|--------------------------------|----------------------------|---------------------------------|------------------------------------|----------|---|
| SS-1 | Enalytic | 320-2677 | 4/23/09 14:46 4/24/09 10:42 | 5/5/2009 | Y | N | D. lyer | Acetone, ethanol and isopropanal were detected in method blanks below quantitations limits. Hexachlorobutadiene was detected above quantitations limits. |
| IA-1 | Enalytic | 130-2669 | 4/23/09 14:47 4/24/09 10:42 | 5/4/2009 | Y | N | D. lyer | |
| SS-2 | Enalytic | 321-2671 | 4/23/09 14:07 4/24/09 10:23 | 5/7/2009 | Y | N | D. lyer | Percent recovery was 2500% for tolune in QC sample. Analytical data for SS-2 indicated tolune at 4 ug/m3. |
| IA-2 | Enalytic | 262-2713 | 4/23/09 13:53 4/24/09 10:22 | 5/5/2009 | Y | N | D. lyer | |
| SS-3 | Enalytic | 279-2666 | 4/23/09 14:23 4/24/09 10:52 | 5/7/2009 | Y | N | D. lyer | Percent recovery was 2500% for tolune in QC sample. Analytical data for SS-3 indicated tolune at 2.1 ug/m3. |
| IA-3 | Enalytic | 315-2660 | 4/23/09 14:24 4/24/09 10:32 | 5/5/2009 | Y | N | D. lyer | Acetone, ethanol and isopropanal were detected in method blanks below quantitations limits. |
| SS-4 | Enalytic | 295-2674 | 4/23/09 14:16 4/24/09 10:26 | 5/12/2009 | Y | N | D. lyer | |
| IA-4 | Enalytic | 303-2668 | 4/23/09 14:12 4/24/09 10:26 | 5/7/2009 | Y | N | D. lyer | |
| SS-5 | Enalytic | 337-2672 | 4/23/09 14:36 4/24/09 10:36 | 5/12/2009 | Y | N | D. lyer | |
| IA-5 | Enalytic | 283-2678 | 4/23/09 14:27 4/24/09 10:35 | 5/7/2009 | Y | N | D. lyer | |
| OA-1 | Enalytic | 287-2665 | 4/23/09 15:09 4/24/09 10:49 | 5/7/2009 | Y | N | D. lyer | Outside Control sample taken. Sample shows levels of Carbon tetrachloride (also in SS-1,SS-2,SS-4, IA-4, SS- 5 & IA-5); ethyl acetate (also in all samples except SS- 4); hexachlorobutadiene (also in all SS-1, SS-2, SS-3, SS-4, SS-5, IA-4 & IA-5); and, trichloroethene (also in SS-1, SS-2, SS-4, SS-5 & IA-4). |

APPENDIX I

NETC STATEMENT OF SERVICES



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Statement of Services

Northeastern Environmental Technologies Corporation (NETC) recognizes both environmental and business issues critical to corporate America. Guided by regulatory agencies, NETC's innovative problem solving approach preserved the delicate balance between our countries finite natural resources and the goals of business and industry. NETC's cost conscious alternatives are designed to ensure it's clients maximum flexibility when identifying and resolving regulatory and / or environmental issues. The following is an abbreviated list of NETC's Services.

ENVIRONMENTAL SITE ASSESSMENTS

- Site Assessments & Auditing
- Property Acquisition Divestiture Certification
- Phase 2 and 3 Site Assessments
- Mobile Laboratory Services

CONTAMINANT HYDROLOGY & HAZARDOUS MATERIAL MANAGEMENT

- Storage Tank Management, Testing & Closures
- State and Federal Regulatory compliance
- Remedial Investigation Feasibility Studies
- Remedial Alternative Technology Studies; QA/QC Design

GROUNDWATER RESOURCE MANAGEMENT

- Permitting
- Management & Source Development
- Well Head Protection
- Numerical and Analytical Modeling

GEOTECHNICAL EVALUATIONS

- Dewatering & Artificial Recharge
- Deposit Exploration
- Geophysics EM & GPR
- Ground Improvement Studies
- SPCC Compliance

SITE REMEDIATION AND MONITORING SERVICES

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- Integrity Testing
- Waste Brokerage
- SPEDS Permitting & Compliance
- Excavation Services
- Soil Gas & Groundwater Recovery Systems

TEST DRILLING / DIRECT PUSH SAMPLING PROGRAMS

- Core Drilling Services
- Direct Push Soil & Groundwater Survey
- Standard Penetration Tests
- Shelby Tube Samples

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