EnviroTrac
Environmental Services

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Division of Environmental Remediation

June 5, 2009

Mr. William Ottaway, P. E.
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 11th Floor
Albany, NY 12233

Re: Former MGP (NYSDEC Site No. V00553)
438 W. 18th Street, New York, NY
NYSDEC Spill No. 01-03363
Voluntary Clean-up Agreement – Index No. D2-0003-02-08

Dear Mr. Ottaway:

Attached please find a hard copy of EnviroTrac's Status Report, dated June 4, 2009, for the above referenced site. This site is being investigated by both Consolidated Edison (as a former MGP) and by EnviroTrac (for a gasoline/diesel Spill). As the investigations have overlapped, EnviroTrac's clients have asked that you be supplied a copy of this report.

An electronic copy of this report is being sent to Sarah Carlson in the Region II office. If you desire an electronic copy it can be obtained from her or by calling EnviroTrac at (631) 924-3001. If you have any questions regarding the report please do not hesitate to call me.

Sincerely,
EnviroTrac Ltd.

David Lorthioir, P.G.
Project Manager

cc Mr. Patrick Vecchione (Retaco)
Mr. Mendy Tafel (Retaco)
Ms. Sarah Carlson (NYSDEC II)

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STATUS REPORT

FORMER PARKING GARAGE
438 W. 18TH STREET
NEW YORK, NEW YORK

NYSDEC # 01-03363

June 4, 2009

Prepared For:

Retaco Holding Corporation
362 Kingsland Avenue
Brooklyn, NY 11222

Prepared By:

EnviroTrac Ltd.
5 Old Dock Road
Yaphank, New York 11980

A Full Service Environmental Consulting and Contracting Firm

EnviroTrac

FINAL
June 4, 2009

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1.0 INTRODUCTION

EnviroTrac Ltd. (EnviroTrac) was retained by Retaco Holding Corporation (Retaco) to further investigate and sample the groundwater monitoring wells at 438 W. 18th Street, Manhattan, New York (the site). A Site Location Map is provided as Figure 1. This Report summarizes and documents the investigations performed at the site during 2008 and the January 2009 gauging and sampling of the monitoring wells, as well as information regarding the site provided by The Consolidated Edison Company of New York, Inc. (Consolidated Edison or Con Ed).

The site is designated as Block 715, Lot 59 and is located approximately one and three-quarters of a mile west of the F.D.R. Drive and the East River, two miles southwest of Central Park, 500 feet east of the Hudson River, and one and one-quarter miles north of the Holland Tunnel.

1.1 Regional Geology

The site is located south of Central Park and is situated in the Manhattan Prong, a geological region of metamorphosed Paleozoic marine sedimentary rocks. These rocks overlie billion year old basement metamorphic rock identified as a schist. Locally, the rock is known as the Manhattan Schist, a strongly fabricated crystalline rock whose minerals have developed parallelism as a result of dynamic metamorphic processes that occurred during its formation.

1.2 Site History

The former West 18th Gas Works was a manufactured gas plant (MGP) that occupied an area bounded by West 16th and West 20th Streets, from the Hudson River to 10th Avenue. In addition, a parcel of land between West 18th Street and West 17th Street, west of 10th Avenue was also part of the facility. This parcel of land is the location of the current 438 W. 18th Street building.

Two Gas Holders were constructed on the site in the mid to late 1840s and were housed in a brick warehouse-type building. The West 18th Street Gas Works ceased operation a few years into the twentieth century and the gas holders occupying the Retaco site were razed in 1914. It is unclear regarding the age of the current building as some records indicate that the

gas holder building was retrofitted and the exterior shell of the building exists today while other records indicate that the current building was constructed in 1915 as a parking garage.

Consolidated Edison (Con Ed) has been investigating the site and the rest of the former West 18th Gas Works. Mr. Neil O'Hallaran, of Con Ed, provided the flowing details regarding the construction of the gas holders:

- The holders were circular in shape, with a diameter that stretched from the southern to the northern wall of the building.
- The foundations of the holders were constructed of multiple rows of brick, and extended to a depth of approximately 21 feet below the existing floor of the building.
- The holders were not, to his knowledge, connected.
- The foundations of the holders possessed a solid bottom of either brick or concrete.
- When the holders were razed, the foundations were left in place and were simply filled in with various fill materials/debris.
- While these foundations should not be considered "water proof", Mr. O'Hallaran acknowledged that they are "water resistant" and would seriously impede the movement of water between the areas inside the two foundations and the rest of the site.

Sanborn Maps indicate that the current building at the site has been utilized as a parking garage since 1915. Currently, the site is occupied by Verizon Communications (Verizon) as a parking garage and office space. The site is surrounded by an automobile repair facility, commercial and residential properties.

Six USTs were removed from the site on December 12, 1993. These included one (1) 4000-gallon diesel tank and five (5) 550-gallon gasoline tanks. The tanks were removed by Gasoline Installations, Inc. of Inwood, New York and, according to a notarized affidavit dated December 28, 1993, no evidence of soil contamination was observed during the tank removals. Based on a hand drawn map of the tank removals provided by Gasoline Installations, the five gasoline USTs were located under the northeast corner of the garage area and the diesel UST was located on the east side of the garage area.

Verizon installed an elevator at the site in 2001. It was during the excavation of the elevator pit that impacted soil was encountered at the site. The incident was reported to the NYSDEC and Spill #01-03363 was assigned to the site. During the period of June to September, 2001 a total of 120 cubic yards of impacted soil was removed from the site. Monitoring wells were then installed at the site. Reports documenting these activities are on file with the NYSDEC.

2.0 HISTORICAL INVESTIGATIONS

Both Con Ed and EnviroTrac have performed investigations at the site since 2001. Some of the conclusions drawn from EnviroTrac's investigations may reference some data/information supplied by Con Ed ("Site Characterization Study Report for the Former West 18th Street Gas Works" dated January 2006). For ease of reference, historical EnviroTrac investigations are documented in Section 2.1 while historical Con Ed investigations/information is documented in Section 2.2.

2.1 Prior Investigations performed by EnviroTrac

Beginning in 2001, several previous subsurface investigations have resulted in the installation of 13 monitoring wells at the site. Two wells, MW-6 and MW-13, have been destroyed. Historic sampling events at the site have documented several discrepancies regarding groundwater flow and contamination at the site. Historical groundwater data indicated that most of the wells inside the building (MW-1 through MW-7 and MW-10) exhibited groundwater elevations that were four to five feet higher than the one remaining interior monitoring well (MW-9) and the exterior monitoring wells (MW-8, 11, 12 and 13). In addition, historic VOC concentrations have varied between the two groups. The interior wells have historically exhibited VOC concentrations one magnitude lower than the exterior monitoring wells and MW-9.

EnviroTrac gauged and sampled all monitoring wells at the site on October 23, 2006. A letter report, dated December 29, 2006, documenting the October 2006 sampling event was submitted to the New York State Department of Environmental Conservation (NYSDEC). The results of the groundwater gauging indicated that the exterior group of wells (MW-8, 9, 11, 12 & 13) were either dry or had less than one foot of water in them. The interior wells (MW-1 through MW-7 and MW-10) exhibited groundwater elevations comparable to their historic

norms. This data indicated that difference in groundwater elevation between the two groups of monitoring wells was now 12 to 13 feet. A second gauging event performed on November 17, 2006 indicated that the exterior group of monitoring wells was still dry. The cause of the groundwater elevation change in the exterior wells was unknown at the time.

Prior to 2007, EnviroTrac did not know of the presence of the two former gas holders beneath the building. Upon learning of the existence of the former gas holders, EnviroTrac re-surveyed the locations of the monitoring wells and re-measured all building dimensions to plot the location of the gas holder foundations and to determine which monitoring wells were located within the holders. The updated Site Plan (Figure 2) indicates the location of the holder foundations based upon the information provided by Con Ed. Revisions to the Site Plan include the addition of the western portion of the site (utilized by Verizon as office space). In addition, the placement of MW-12 was found to have been improperly shown on the original Site Plan.

It was found that the interior monitoring wells, with the exception of MW-9, are located within the holder foundations. Wells MW-3, 4, 5 and 7 are located within the eastern holder. Former well MW-6 was also located within this holder. Wells MW-1, 2 and 10 are located within the western holder. Well MW-9 is located outside the holder foundations.

In March 2007, all existing EnviroTrac monitoring wells (with the exception of MW-13) were monitored and sampled. The results of the investigation were documented in a Status Report, dated June 20, 2007, which was submitted to the NYSDEC. The groundwater monitoring indicated that groundwater elevation in the exterior wells (MW-8, 9, 11, 12 & 13) had rebounded and was once again approximately six to seven feet below the wells located within the former gas holders. EnviroTrac's 2007 investigation concluded the following:

Monitoring wells MW-1 through MW-7 and MW-10 are located within the footprint of the holder foundations. Historical groundwater data indicated that most of the wells inside the building (MW-1 through MW-7 and MW-10) exhibited groundwater elevations that were four to five feet higher than the one remaining interior monitoring well (MW-9) and the exterior monitoring wells (MW-8, 11, 12 and 13). Monitoring events performed in October and November of 2006 indicated that the exterior group of wells (MW-8, 9, 11, 12 & 13) were either dry while the interior wells (MW-1 through MW-7 and MW-10) exhibited groundwater

elevations comparable to their historic norms. This data indicated that difference in groundwater elevation between the two groups of monitoring wells was 12 to 13 feet in November 2006. The groundwater elevation in the exterior monitoring wells rebounded and in March 2007 the groundwater elevations of the two groups of wells was near their historic norm. This evidence indicates that the holder foundations are indeed, for the most part, water tight and seriously impeded the migration of groundwater out of the foundations.

While the former USTs appear to have contributed to the VOC impact within the footprint of the eastern holder foundation, MGP waste at the site has also apparently contributed to the VOC impact inside this holder foundation. The Con Ed Investigation addressed all BTEX concentrations within the holders as gasoline related. However, MGP waste can contain BTEX compounds (especially Benzene) and it was EnviroTrac's conclusion that the migration of BTEX / VOCs from the former gasoline USTs (located at the groundwater interface) to an area approximately 14 feet below the groundwater table is not plausible or feasible. It was EnviroTrac's conclusion that the BTEX concentrations in the soil at these depths noted by Con Ed are a direct result of MGP waste/impacted material that is present in the holders. BTEX has been known to dissolve from MGP waste into groundwater. Thus, the BTEX concentrations observed in the groundwater within the eastern holder are, to a certain extent, related to the MGP waste.

It was also EnviroTrac's conclusion that MGP Waste discovered by ConEd within the western holder foundation appears to be a contributing factor to the mildly VOC impacted groundwater within the western holder foundation.

It was also EnviroTrac's opinion that the VOCs and observed in the exterior wells and MW-9 are resulting from a different source other than the former USTs. This source is most likely off-site. As evidenced by the contamination found in MW-12, which is upgradient of the former USTs, elevated concentrations of VOCs appear to be entering the site from an upgradient source.

we need to address this possibility

2.2 Prior Consolidated Edison Investigation

In 2004 and 2005 TRC Environmental Corporation (Lyndhurst, NJ) (TRC) investigated a four block area in the Chelsea section of Manhattan on behalf of Consolidated Edison (Con Ed). The findings of the investigation were presented in a report titled "Site Characterization Study

Report for the Former West 18th Street Gas Works" dated January 2006 (herein identified as the "Con Ed Report" or the "Con Ed Investigation"). EnviroTrac was provided this report in early 2007. Mr. O'Hallaran also met with representatives of EnviroTrac and Retaco to further discuss and clarify the findings of the Con Ed Investigation. The findings of the Con Ed Investigation were summarized and discussed in EnviroTrac's 2007 Status Report.

The current Retaco property (438 W. 18th Street) was referred to in the Con Ed Report as "Area 1" The Con Ed Report detailed the investigation of six separate areas that made up the entire MGP site. However, only the pertinent information regarding Area 1 of the Con Ed Investigation was summarized and discussed by EnviroTrac. The findings regarding Area 1 included the following;

- Section 4.3.1 of the Con Ed Report stated that test pits installed by TRC within the building had encountered the ring walls (foundation walls) of both gas holders. Also noted was the fact that all borings installed within the footprints of the former gas holders met with refusal at approximately 21 feet below the floor of the building, indicating that the solid holder bottoms were present at this depth.

- Section 4.3.1 of the Con Ed Report also noted that MGP waste-type odors were observed in the soil samples obtained in samples collected from within the holder foundations at depths of 15 feet below grade and deeper. Section 4.3.2.4 indicated that one of the soil samples collected from within the holders (SB-4, 19-21 feet) was submitted for a fingerprint analysis. The results of this analysis indicated that the soil sample contained coal tar.

- Section 4.3.2.1 of the Con Ed Report indicated that the soil sample obtained from SB-2 at 19 to 20.5 ft. bgs and from SB-4 at 19 to 21 ft. bgs both exhibited total VOCs in excess of NYSDEC Guidelines.

- Waste material (coal tar) typically associated with MGP plants was not found in any of the other borings installed outside of the gas holder footprints.

3.0 2008 INVESTIGATIONS

The issues raised by the previous reports indicated that further investigation was warranted. Con Ed proposed to further investigate the former gas holders and EnviroTrac would investigate the upgradient portion of the site for possible off-site sources. The work plan for the Con Ed investigation included the installation of additional borings within the gas holders. Some of these borings were to penetrate the bottom of the holders and would then be grouted to re-seal the holders. Three monitoring well clusters were also to be installed within the holders. These clusters would be screened at multiple depths to determine if BTEX, especially Benzene, was present at various depths in the groundwater.

EnviroTrac's work plan consisted of the installation of two new monitoring wells in the sidewalk to the east (upgradient) of the site. The purpose of these new wells would be to investigate groundwater quality in the vicinity of the neighboring property (Midtown Chelsea Auto Center) and an apartment complex located farther east along W. 18th Street.

EnviroTrac was on-site on selected days to witness the installation of the Con Ed soil borings and monitoring wells (August 21, 22, 28 and September 5 2008). Selected soil samples were split between Con Ed and EnviroTrac. In addition, EnviroTrac and Con Ed split the initial round of groundwater samples.

At the time of this report, EnviroTrac had not received a copy of the report detailing the Con Ed investigation. EnviroTrac had been supplied draft copies of the boring logs.

3.1 Soil Borings by Con Ed

According to information provided by Con Ed, Con Ed installed a total of six soil borings at the site during August and September 2008. Three of the borings were associated with the proposed cluster wells. Two of these borings were identified as Well Clusters A and C. The third boring was identified as SB-B. The location of Boring SB-B was eventually utilized as the location of Well Cluster B.

The remaining three borings were identified as SB-A, SB-C and SB-D. These locations were soil borings only. SB-A was located in the eastern holder, between MW-4 and MW-5. Boring SB-D was located in the western holder, near MW-1. Boring SB-c was located outside of the

holders, near MW-9. Observations made by EnviroTrac on the selected days and a review of the draft boring logs indicated the following:

- The three borings associated with the well clusters were halted above the bottom (21 feet) of the gas holders. The remaining borings within the holders (SB-A and SB-D) both penetrated through the bottoms of the holders. Mr. O'Halloran indicated to EnviroTrac that these borings were backfilled with a waterproof grout to preserve the integrity of the holders.

- No MGP sludge or "coal tar" was encountered in any of the borings, although some soil samples did exhibit odors associated with MGP waste.

- All samples were screened for the presence of volatile organic compounds (VOCs) with a photoionization detector (PID). Samples from both above and below groundwater exhibited elevated readings on the PID.

- All samples above the holder bottoms (approximately 21 feet below grade) consisted of various types of fill material.

- Samples obtained from beneath the bottom of the holders consisted of various material including weathered rock, sand and gravel. It is not know if any of the material encountered beneath the holder should be considered native material or if some of the material was placed during the installation of the holders.

- Soil samples from SB-C consisted of fill material to a depth of at least 14 feet below grade, as noted by the presence of broken ceramic material.

C-1 C-2 C-3 NOT where SB-A, B + C are!

3.2 Monitoring Well Installations by Con Ed

Well Clusters A, B and C were installed by Con Ed in August and September of 2008. The well clusters consisted of three wells each. Clusters A and C are located within the western gas holder. Cluster B is located within the eastern gas holder. The locations of the wells are provided on the Site Plan.

Each well in the cluster is constructed of 2-inch diameter PVC casing and screen. The shallow wells that were to intersect the groundwater table (A-1, B-1 and C-1) each contain four feet of screen while the deeper wells in each cluster contain two feet of screen set at varying depths. In general, the shallow screens are set at approximately 7 to 11 feet below grade (given that historical data indicated that the groundwater within the holders varied between 6 and 8 feet below grade). The intermediate screens are set at approximately 13 to 15 feet below grade and the deeper screens are set at approximately 18 to 20 feet below grade.

All wells were installed following the appropriate NYSDEC protocol. All wells are protected by flush-mount bolt down covers.

3.3 Soil Borings by EnviroTrac

EnviroTrac installed two soil borings (B-14 and B-15) in the southern sidewalk of W. 18th Street on August 21, 2008. The locations of the borings are provided on the Site Plan. Copies of the soil boring logs are provided in Appendix C. It was the initial intent to install B-14 on the property line separating the site from the Midtown Chelsea Auto Center. However, underground utilities and the ramp accessing the second floor parking garage at the site prevented this. As such, MW-14 is located approximately 15 feet west of the property boundary.

Both borings were installed to a total depth of 15 feet below grade. The following observations were made regarding the borings:

- All soil encountered consisted of fill material (defined by rubble and/or bricks) to depths of approximately 13 feet below grade. Soil from 13 to 15 feet below grade consisted of silt and clay, which may also have been fill material.

- The soil (fine sand) from grade to seven feet below grade in B-14 was found to be discolored and exhibited a petroleum-like odor. The material to 13 feet below grade exhibited a slight odor.

- None of the soil obtained from B-15 exhibited and discoloration or odors.

3.4 Monitoring Well Installations by EnviroTrac

Borings B-14 and B-15 were converted to monitoring wells and identified as MW-14 and MW-15, respectively. The locations of the wells are provided on the Site Plan. Each well is constructed of 2-inch diameter PVC casing and screen. Each well contains 15 feet of screen, with ten feet of the screen in the groundwater. All wells were installed following the appropriate NYSDEC protocol. All wells are protected by flush-mount bolt down covers.

4.0 GROUNDWATER MONITORING

Groundwater at the site were gauged for the presence of free product and depth to water by EnviroTrac and Con Ed on September 29, 2008. In addition, groundwater was also monitored by EnviroTrac on January 15, 2009. The September 29 monitoring event indicated that well MW-9 exhibited a slight film of free product and bacterial matter. MW-9 did not exhibit any free product on January 15th. None of the other monitoring wells exhibited free product on either of the monitoring events.

One important discovery was made during the monitoring events. All of the shallow cluster wells (A-1, B-1 and C-1) were found to be dry. On September 29 the depth to water in the cluster wells ranged from 11.27 (well A-2) to 13.38 (B-2). In addition, it was found that the EnviroTrac wells installed within the gas holders exhibited drops in groundwater elevation of four to seven feet from their historic norms. The January 15, 2009 groundwater data confirmed this drop in groundwater elevation and also indicated that groundwater elevation in the monitoring wells in the western gas holder (MW-1, MW-2, and Clusters A & C) had exhibited a further drop of approximately 1.5 feet.

The groundwater monitoring data was utilized to generate Groundwater Gradient Maps, which are presented as Figures 3 and 4. A review of Figures 3 and 4 indicate that groundwater within the two holders are now at essentially the same elevations as the groundwater outside the holders, where historically there had been a difference in elevation of approximately seven feet.

It also appears that while groundwater flow at the site had historically been to the west, the groundwater flow at the site appears to be towards the south. This change in flow direction

could be caused from the water leaking out of the gas holders. If this is true, the change in groundwater flow should be temporary. It should also be noted that the surveyed monitoring wells at the site do not allow for the triangulation required to determine precise groundwater flow. This is due to the destruction of well MW-13 by construction activities across the street.

5.0 SOIL ANALYSIS

Selected soil samples from both the Con-Ed and EnviroTrac borings were submitted for laboratory analysis. To date, EnviroTrac had not been provided with copies of the Con Ed laboratory data, but has been provided with a draft copy of the tabulated data. The data supplied to EnviroTrac indicated the following samples were submitted by Con Ed for laboratory analysis: SB-A (2'), SB-A (8'), SB-A (21'), SB-A (32'), SB-B (1'), SB-B (10'), SB-B (20'), SB-C (14'), SB-C (22'), SB-C (36'), SB-D (12'), SB-D(24'), Well Cluster A (17'), Well Cluster A (20'), Well Cluster C (11') and Well Cluster C (21').

5.1 Soil Laboratory Analysis by Con Ed

Borings SB-A and SB-B were installed in the eastern holder. The laboratory results from the shallow samples from SB-A (2' and 8' below grade) indicate that only minor or undetectable concentrations of VOCs, SVOCs and cyanide are present. However the deeper sample from SB-A (21' below grade) exhibited elevated concentrations of Benzene (1,700 ppb), Naphthalene (24,000 ppb) and Cyanide (58,000 ppb).

The laboratory results from the shallow samples from SB-B (1' and 10' below grade) indicate that minor to moderate concentrations of VOCs, SVOCs and cyanide are present. However the deeper sample from SB-B (20' below grade) exhibited elevated concentrations of Benzene (800 ppb), Naphthalene (16,000 ppb) and Cyanide (17,400 ppb). For all three of these compounds the deeper sample exhibited the greater concentrations.

Borings Well Cluster A, Well Cluster C and SB-D are all located in the western holder. The laboratory results from Well Cluster A indicate that the soil from all three depth sampled (12', 17' and 20' below grade) all exhibited moderate concentrations of Benzene (740 ppb, 1,100 ppb and 810 ppb, respectively). Concentrations of Naphthalene decreased with depth

(10,000 ppb at 12' to 760 ppb at 20'). Cyanide was only detected in the 20' sample at a concentration of 1,100 ppb.

In the boring Well Cluster C, soil from two sample depths, 11' and 21 feet below grade, were analyzed. The shallow sample did not exhibit any detectable concentrations of Benzene (or any other VOCs) and Naphthalene. The deeper sample (21') exhibited Benzene at 600,000 ppb and Naphthalene at 640,000 ppb. Cyanide was present at concentrations of 2,200ppb (11') and at 27,700 ppb (21').

The laboratory analysis of boring SB-D indicated that neither of the two samples (12' and 24' below grade) exhibited detectable concentrations of Benzene and only minor or non-detectable concentrations of other VOCs. The shallow sample did not exhibit any detectable concentrations of Naphthalene or Cyanide while the deeper sample exhibited minor concentrations of Naphthalene (180 ppb) and Cyanide (85 ppb).

Three sample depths(14', 22' and 36' below grade) from SB-C were analyzed. None of the samples exhibited detectable concentrations of targeted VOCs, although the method detection limit for the 14' and 22' samples was elevated, due to the presence of elevated concentrations of other VOCs. Both the 14' and 22' samples exhibited elevated concentrations of Naphthalene (22,000 ppb and 47,000 ppb respectively). Cyanide was present in the 14' and 22' samples at concentrations of 230 ppb and <550 ppb, respectively. No detectable concentrations of Naphthalene and Cyanide were detected in the 36' sample.

5.2 Soil Laboratory Analysis by EnviroTrac

EnviroTrac submitted four soil samples for laboratory analysis. These samples were SB-B (20'), B-14 (5-7'), B-14 (11-13') and B-15 (11-13'). The samples were placed in the appropriate containers, stored in a cooler filled with ice and transported under proper chain of custody procedures to Phoenix Laboratories (Manchester, CT). All samples were analyzed for VOCs according to EPA Method 8260 (STARS List) and SVOCs according to EPA Method 8270 (STARS List). The results of the analysis have been tabulated and are presented as Tables 1 and 2. Copies of the Laboratory analysis are presented in Appendix C.

A review of Table 3 indicated that the sample from SB-B (20') exhibited a concentration of Benzene at 1,500 ppb, which is above its respective NYSDEC Recommended Soil Cleanup Objective (RSCO) of 60 ppb (as found in TAGM 4046). This sample also exhibited concentrations of total Xylenes (3,800 ppb, and Naphthalene (14,000 ppb) in concentrations that exceeded their respective NYSDEC RSCOs.

The 5-7' sample form B-14 exhibited Napthalene (50,000 ppb) and 1,2,4-Trimethylbenzene in concentrations that exceeded their respective NYSDEC RSCOs of 1,300 ppb and 10,000 ppb, respectively. The 11-13' sample from B-14 exhibited Napthalene at 18,000 ppb.

A review of Table 4 indicated that the 5-7' sample from B-14 exhibited a concentration of Naphthalene at (29,000 ppb) that exceeded its respective NYSDEC RSCO. The sample from B-15 (11-13') exhibited concentrations of Benzo(a)anthracene, Benzo(a)pyrene and Chrysene at concentrations that slightly exceeded their respective NYSDEC RSCOs.

6.0 GROUNDWATER ANALYSIS

6.1 September - October, 2008

Con Ed and EnviroTrac performed a joint groundwater sampling event on September 30, October 1 and October 2 2008. All usable monitoring wells were sampled according to NYSDEC protocol. The unusable wells included MW-6 and MW-13, which have been destroyed, and Cluster Wells A-1, B-1 and C-1, which were dry. Wells which were sampled either jointly by Con Ed and EnviroTrac were sampled utilizing low flow technology. These wells are MW-1, MW-2, MW-3, MW-4, MW-5, MW-5A, MW-5B, MW-7, MW-8, MW-10, MW-11, MW-12, Cluster Well A-2 and A-3, Cluster Wells B-2 and B-3 and Cluster Wells C-2 and C-3. Wells sampled by EnviroTrac alone were purged of three times their volume and sampled. These wells were MW-9, MW-14 and MW-15.

The groundwater samples obtained by EnviroTrac were placed in a cooler filled with ice and transported under proper chain of custody procedures to Phoenix Laboratories. All samples were analyzed for VOCs according to EPA Method 8260 (STARS List). Selected monitoring wells (MW-5B, MW-8, MW-9, MW-12, MW-14 and MW-15) were analyzed for SVOCs according to EPA Method 8270 (STARS List).

The results of the laboratory analysis performed by EnviroTrac have been tabulated and are presented as Tables 3 and 4. Copies of the Laboratory analysis are presented in Appendix A. To date, EnviroTrac had not been provided with copies of the Con Ed laboratory data, but has been provided with a draft copy of the tabulated data. Copies of the Con Ed draft data are not provided in this report.

A review of the Con Ed data and Tables 3 and 4 indicates the following:

- All wells, with the exception of MW-5A, exhibited concentrations of VOCs that exceeded NYSDEC Groundwater Standards, as found in TAGM 4046.

- All wells, with the exception of MW-5A, exhibited elevated concentrations of Benzene. In all cases, the concentrations of Benzene exceeded what would have been expected if gasoline had been the sole source of the petroleum impact.

- The deeper cluster wells (A-3, B-3 and C-3) exhibited Benzene in concentrations that exceeded that of the shallower Cluster Wells (A-2, B-2 and C-3).

- All groundwater samples, with the exception of MW-5A, MW-8, MW9, MW-14 and MW-15, exhibited low to moderate concentrations of MTBE.

* detection limit is above detections found in most other wells

- The SVOC analysis indicated that wells MW-8 and MW-9 exhibited Naphthalene at concentrations of 4,800 ug/L and 85,000 ug/L, respectively.

- A comparison of the EnviroTrac laboratory results to the draft laboratory data from Con Ed supports the VOC results obtained by EnviroTrac.

6.2 January 2009

EnviroTrac performed a groundwater sampling event on January 15 2009. All usable and/or accessible wells were purged of three times their volume and sampled, as per NYSDEC protocol. The unsampled wells included MW-6 and MW-13, which have been destroyed, Cluster Wells A-1, B-1 and C-1, which were dry and Wells MW-5A, MW-5B and MW-10, which were inaccessible.

The groundwater samples obtained by EnviroTrac were placed in a cooler filled with ice and transported under proper chain of custody procedures to Phoenix Laboratories. All samples were analyzed for VOCs according to EPA Method 8260 (STARS List). The results of the analysis have been tabulated and are presented as Table 5. Copies of the Laboratory analysis are presented in Appendix A.

A review of Table 5 indicates the following:

- All sampled wells, with the exception of MW-7, MW-14 and MW-15, exhibited concentrations of VOCs that exceeded NYSDEC Groundwater Standards, as found in TAGM 4046.

- All sampled wells, with the exception of MW-7, MW-14 and MW-15, exhibited elevated concentrations of Benzene. In all cases, the concentrations of Benzene exceeded what would have been expected if gasoline had been the sole source of the petroleum impact.

- The deeper cluster wells (A-3, B-3 and C-3) exhibited Benzene in concentrations that exceeded that of the shallower Cluster Wells (A-2, B-2 and C-3).

- Several monitoring wells exhibited low to moderate concentrations of MTBE.

7.0 DISCUSSION OF FINDINGS

No actual coal tar was found in this investigation, but numerous soil samples did exhibit coal tar odor.

EnviroTrac reviewed the laboratory results of both the Con Ed Soil Analysis and the EnviroTrac Soil Analysis for known indicators of MGP impact, such as high concentrations of Benzene, Naphthalene and Cyanide. A review of the analysis indicates that the deepest soil samples obtained from the eastern gas holder (21' in SB-A and 20' in SB-B) both exhibit elevated concentrations of Benzene, Naphthalene and Cyanide. Given that these soil samples were obtained at a depth that was historically 10 feet below groundwater in the

holder, it is EnviroTrac's opinion that presence of these compounds is directly related to MGP impacted fill material being used to abandon the former gas holders.

A review of the soil laboratory analysis for the borings in the western holder (Well Cluster A, Well Cluster C and SB-D) indicate that one of the soil borings (Well Cluster C) exhibited extremely elevated concentrations of Benzene, Naphthalene and Cyanide at 20 feet. However, SB-D did not exhibit any elevated concentrations of Benzene, Naphthalene or Cyanide and the deeper soil sample from Well Cluster A exhibited moderate concentrations of Benzene, Naphthalene and Cyanide. These results are most likely indicative of different fill material from different sources being utilized to fill in the former holder. The fill in the area of Well Cluster C originated from a MGP impacted area while the fill located in the vicinity of SB-D originated from an un-impacted area.

It is EnviroTrac's opinion that any petroleum hydrocarbons found in the soil at depths that are just above the bottom of the former gas holders could not have migrated down through the groundwater, especially lighter hydrocarbons such as VOCs. Thus, these VOCs could not be related to the former USTs, as the bottoms of the USTs were at, or just slightly into, the groundwater table. However, the VOCs contained in the MGP wastes located just above the bottom of the holders can dissolve into the groundwater and migrate upwards through the saturated soil. Benzene, Toluene and Xylenes were by-products of the gas extraction process. These by-products were either dumped or, in later years of MGPs, these compounds were further refined into light oils and solvents. Investigations at MGP sites supervised by the NYSDEC have shown that MGP waste does contain Benzene, Toluene, Ethylbenzene and Xylene (BTEX) and these compounds have been found to dissolve into groundwater. Therefore, it is EnviroTrac's opinion that the MGP waste contained within the holder foundations is a contributing factor to the contamination found in the groundwater.

Boring SB-C exhibited elevated concentrations of Naphthalene at 14' and 22' below grade. The 14' sample was obtained just below the groundwater interface. Thus, the highly impacted sample at 22' is located 8 to 10 feet below the groundwater interface. Again, it is EnviroTrac's opinion that the presence of such elevated concentrations of VOCs or SVOCs at this depth below the groundwater interface is due to MGP impacted fill material being utilized at the site.

Impacted soil was discovered at B-14. The impact began at grade and continued to the groundwater table. This would indicate that either impacted soil was utilized as backfill at the site or an at grade/shallow source area is present near by. This area is not near the former USTs, nor were there any remote fills located in this area. One possible source is the Midtown Chelsea Auto Center, located adjacent to, and east of, the site.

The soil sample from B-15 (11-13') exhibited concentrations of Benzo(a)anthracene, Benzo(a)pyrene and Chrysene at concentrations that slightly exceeded their respective NYSDEC Soil Standards. The presence of these SVOCs can be attributed to the historical fill material that was observed in this boring.

Prior investigations indicated that the gas holders were water resistant, as indicated by the difference in groundwater elevations between the monitoring wells that were installed within the holders versus those that were outside of the holders. During their subsurface investigation, Con Ed installed several borings through the bottom of the gas holders and then grouted these borings. However, it appears that the grout has failed and there is no longer a water resistant barrier separating the groundwater within the former gas holders from groundwater outside of the gas holders. All of the shallow cluster wells (A-1, B-1 and C-1), which were positioned based upon historical groundwater elevations within the holders, have been dry. In general, the EnviroTrac wells installed within the gas holders exhibited drops in groundwater elevation of four to seven feet from their historic norms. The January 15, 2009 groundwater data confirmed this drop in groundwater elevation and also indicated that groundwater elevation in the monitoring wells in the western gas holder (MW-1, MW-2, and Clusters A & C) had exhibited a further drop of approximately 1.5 feet.

The January 2009 monitoring data indicated that groundwater within the two holders are now at essentially the same elevations as the groundwater outside the holders, where historically there had been a difference in elevation of approximately seven feet. It also appears that water draining from the holders has, at least temporarily, caused a change in groundwater flow direction. Groundwater flow (outside of the holders) at the site had historically been to the west. It appears that the groundwater flow direction at the site appears to be towards the south. It should also be noted that surveyed monitoring wells at the site do not allow for the triangulation required to determine precise groundwater flow. This is due to the destruction of well MW-13 by construction activities across the street.

The laboratory analysis of the September-October 2008 groundwater sampling event and the January 2009 sampling event indicated that the deeper cluster wells (A-3, B-3 and C-3) exhibited Benzene in concentrations that exceeded that of the shallower Cluster Wells (A-2, B-2 and C-2). This information, combined with the fact that the soil samples from just above the bottom of the gas holders exhibit elevated concentrations of Benzene, indicates that Benzene is diffusing from its source material (MGP impacted fill) and is becoming soluble in the groundwater. The Benzene, being lighter than water, is then migrating upwards through the groundwater.

As the former USTs at the site were located within the eastern holder foundation, and the holders were not connected, any groundwater contamination associated with the former USTs should be confined to eastern holder. Thus, it is EnviroTrac's opinion that the impacted groundwater in the western holder foundation (defined by MW-1, MW-2, MW-10 and Clusters A & C) is not related to the former presence of the USTs. The presence of MTBE in the samples from these wells would indicate that some of the contamination can be attributed to gasoline. However, the low concentrations of MTBE would indicate that gasoline is not the primary VOC source, and it is probably only a secondary VOC source. As it has been shown that, prior to the current investigation, groundwater did not readily migrate out of the holder foundation, any MTBE originating from this area would remain in the holder foundation and not migrate from its source area. Most likely the source of the MTBE is due to water mixing with gasoline on the floor of the parking garage and then either migrating downward through cracks in the concrete or through leaks in the floor drain system.

The ratio of the concentrations of Benzene versus those of Toluene, Ethylbenzene and Xylene (TEX) in the groundwater samples is also another indicator that the impacted groundwater is associated with MGP waste. Benzene is present in concentrations that can not be accounted for from just possible gasoline impact. The groundwater within the holders was a closed system (very little, if any, water in or out), thus migration is not a factor. In relatively fresh gasoline releases to groundwater, the ration of Benzene plus Toluene (BT) to Ethylbenzene plus Xylene (EX) can be as high as 6 to 1. In the interior monitoring wells the two recent sampling events have yielded BT to EX rations of up to 100 to 1.

With regards to the monitoring wells located outside of the former gas holders (MW-8, MW-9, MW-11, MW-12, MW-14 and MW-15, collectively known as the exterior wells), it is

EnviroTrac's opinion that the petroleum impact observed in these wells is not associated with the former USTs. This is based upon the observations that, given the historic groundwater flow at the site, MW-12 is upgradient of the eastern holder and the former USTs. Laboratory analysis of the groundwater samples from MW-14 indicate that groundwater in this area is only slightly impacted, while groundwater from MW-15 is not impacted.

Laboratory results from these monitoring wells (MW-8, MW-9, MW-11, MW-12, MW-14 and MW-15) also indicate elevated Benzene concentrations, although in relationship to the TEX component not as high as the interior wells. Since these wells are subject to the influence of groundwater migration, the concentrations of Benzene, (which is usually one of the earliest VOCs to diffuse and migrate off-site) should be lower due to diffusion and migration processes.

Petroleum impacted soil was found during the installation of MW-14. However, this soil did not exhibit elevated concentrations of Benzene and it is EnviroTrac's opinion that this soil is not the sole source of the impacted groundwater observed in the exterior monitoring wells. In fact, the three monitoring wells located downgradient/crossgradient of the former holders (MW-8, MW-9 and MW-11) all exhibit concentrations of VOCs which are one to two orders of magnitude greater than the VOC concentrations observed in wells MW-12, MW-14 and MW-15, which are located upgradient of the holders. This would not be the case if the area around MW-14 was the sole source area of the petroleum impact.

8.0 CONCLUSIONS & RECOMMENDATIONS

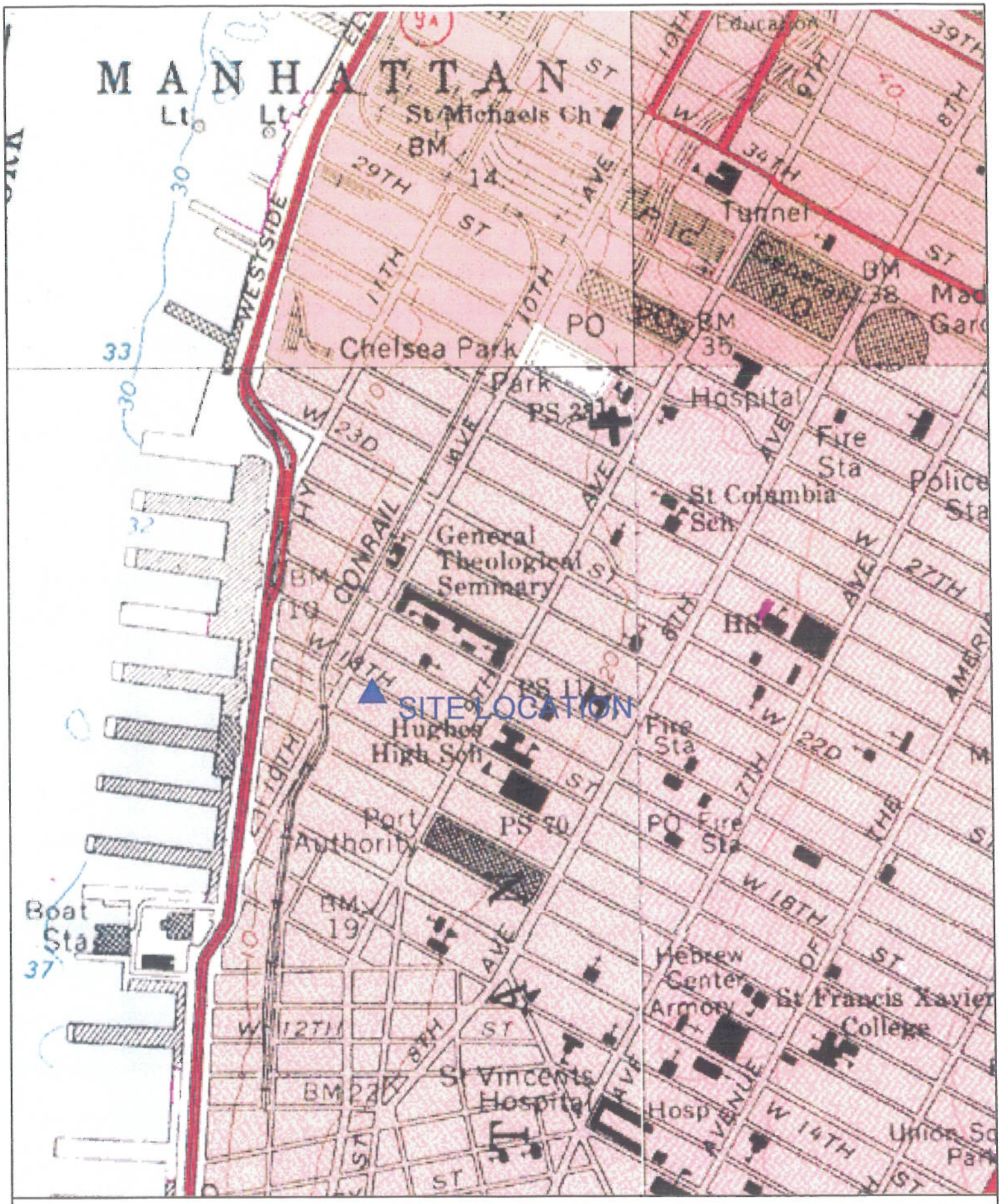
Based upon the above findings, EnviroTrac has made the following conclusions:

While the former USTs contributed to the VOC impact within the footprint of the eastern holder foundation, the MGP waste and/or MGP impacted fill utilized at the site has also contributed to the VOC impact inside this holder foundation. The diffusion of Benzene from this source material continues to impact the groundwater within this holder. This conclusion is supported by the previously discussed evidence obtained during the installation of soil borings and multi-depth well clusters in the holders.

It is also EnviroTrac's conclusion that MGP waste and/or impacted fill discovered by ConEd within the western holder foundation is also a contributing factor to the mildly VOC impacted groundwater within the western holder foundation. Again, the diffusion of Benzene from this source material continues to impact the groundwater within this holder. This conclusion is also supported by the previously discussed evidence obtained during the installation of soil borings and multi-depth well clusters in the holders.

Given that a constant source of VOCs is likely migrating upwards through the groundwater from the MGP waste/impacted fill, it is EnviroTrac's opinion that the Bioremediation program that had been started at the site will probably not be effective, and should be discontinued. This program was based upon the fact that most of the gasoline contaminated source material had been excavated and removed from the site. The program was not designed to remediate a constant source of VOCs, such as the Benzene diffusing from the MGP waste. It is also EnviroTrac's recommendation that ConEd be responsible for any future investigation/remediation of the areas within the two holder foundations, as the current, continuous source of VOCs in these areas appears to be MGP waste related.

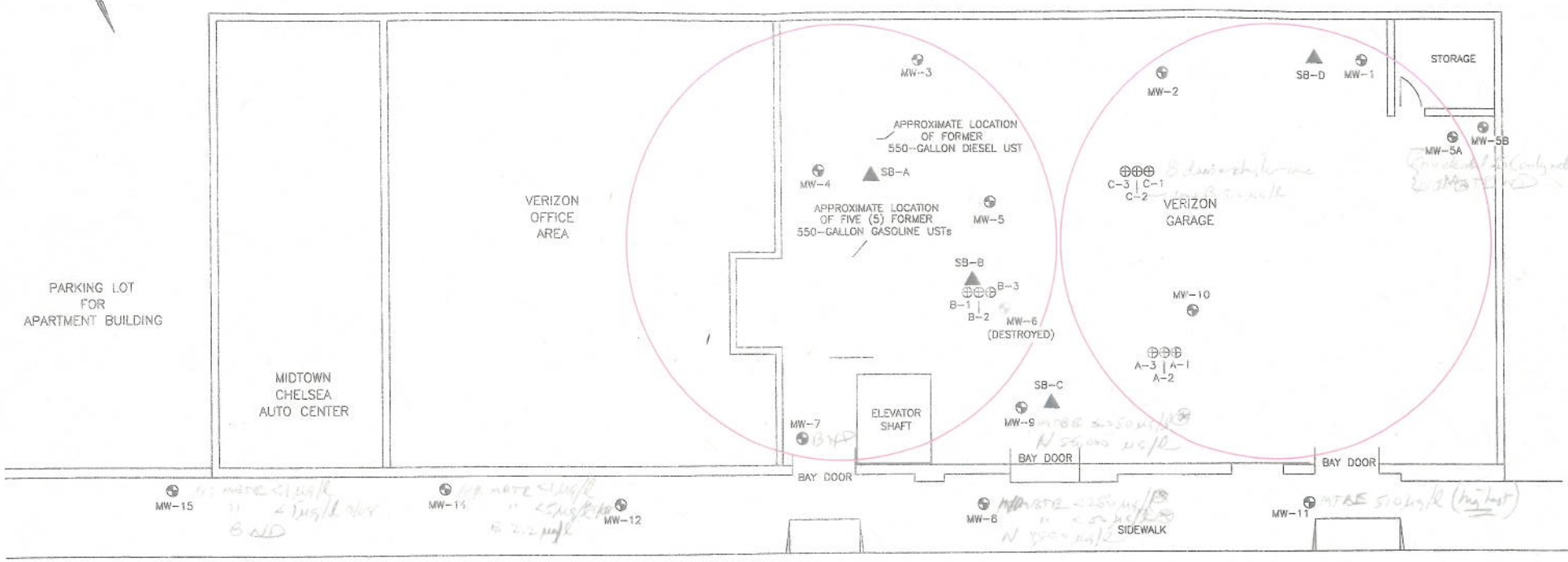
The VOCs observed in the exterior wells and MW-9 appear to be resulting from a different source(s) other than the former USTs or any other site operations associated with Retaco Holding Corporation. There is most likely a combination of sources. One possible source is the Midtown Chelsea Auto Center (related to shallow soil impact in MW-14). Another possible source is MGP impacted soil/fill located outside of the holders (as observed in the laboratory results from SB-C).



Name: BROOKLYN
Date: 7/5/2007
Scale: 1 inch equals 800 feet

Location: 040° 44' 45.14" N 074° 00' 11.60" W
Caption: Figure 1 Site Location

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LEGEND:

- = MONITORING WELL LOCATION
- = CLUSTER WELL LOCATION
- = CON ED SOIL BORING
- AREA OF EXCAVATION
- FORMER CON-ED HOLDER FOUNDATIONS

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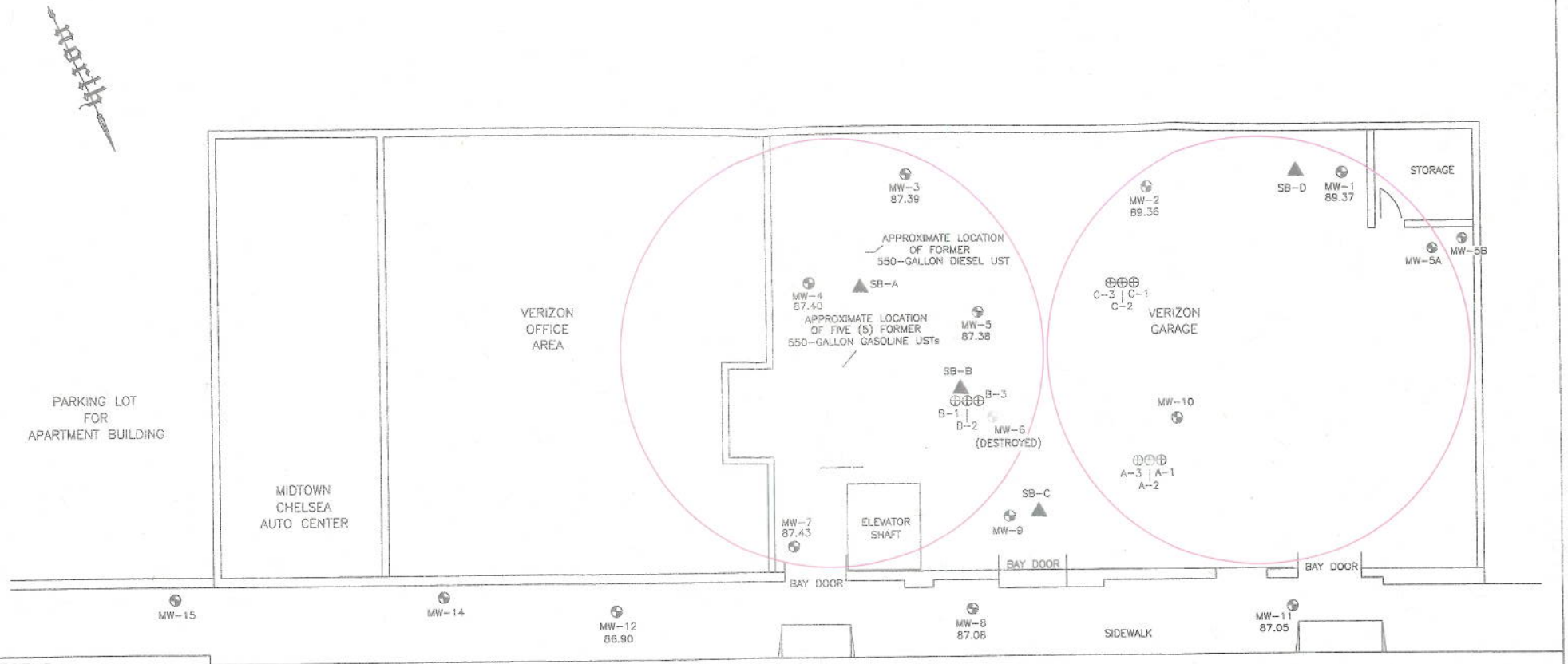
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REVISION DATE:	SCALE:	REVISED BY:
MAY 21, 2009	1" = 20 FEET	TB

FORMER PARKING GARAGE
438 W. 18TH STREET
NEW YORK, NEW YORK
NYSDEC SPILL No. 01-03363

SITE PLAN

FIGURE # 2



LEGEND:

- = MONITORING WELL LOCATION
- = CLUSTER WELL LOCATION
- = CON ED SOIL BORING
- AREA OF EXCAVATION
- FORMER CON-ED HOLDER FOUNDATIONS

SAMPLE WELL:

MW-12 = MONITORING WELL ID
86.90 = GROUNDWATER ELEVATION IN FEET

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0 FT 20

REVISION DATE: MAY 21, 2009 | SCALE: 1" = 20 FEET | REVISED BY: TB

FORMER PARKING GARAGE
438 W. 18TH STREET
NEW YORK, NEW YORK
NYSDEC SPILL No. 01-03363

GROUNDWATER ELEVATIONS
SEPTEMBER 29, 2008

FIGURE # 3

Table 1

Soil Sampling Analytical Results for VOCs on August 22, 2008

Retaco Building
438 West 18th Street
New York, NY

Analytical Parameter	SB-B (20')	B-14 (5'-7')	B-14 (11'-13')	B-15 (11'-13')	NYSDEC TAGM Soil Standards
Acetone	ND	ND	ND	ND	200
Benzene	1,500	ND	ND	ND	60
Bromodichloromethane	ND	ND	ND	ND	N/A
Bromoform	ND	ND	ND	ND	N/A
Bromomethane	ND	ND	ND	ND	N/A
Methyl Ethyl Ketone	ND	ND	ND	ND	N/A
Carbon disulfide	ND	ND	ND	ND	2,700
Carbon tetrachloride	ND	ND	ND	ND	600
Chlorobenzene	ND	ND	ND	ND	1,700
Chloroethane	ND	ND	ND	ND	1,900
Chloroform	ND	ND	ND	ND	300
Chloromethane	ND	ND	ND	ND	N/A
Dibromochloromethane	ND	ND	ND	ND	N/A
1,1-Dichloroethane	ND	ND	ND	ND	200
1,2-Dichloroethane	ND	ND	ND	ND	100
1,1-Dichloroethene	ND	ND	ND	ND	400
1,2-Dichloroethene	ND	ND	ND	ND	N/A
cis-1,2-Dichloroethene	ND	ND	ND	ND	N/A
trans-1,2-Dichloroethene	ND	ND	ND	ND	300
Ethylbenzene	2,500	ND	ND	ND	5,500
2-Hexanone	ND	ND	ND	ND	N/A
Isopropylbenzene	ND	760	ND	ND	2,300
4-Isopropyltoluene	ND	ND	ND	ND	N/A
methyl isobutyl ketone	ND	ND	ND	ND	N/A
m&p-Xylene	2,800	ND	ND	ND	1,200
Napthalene	14,000	50,000	18,000	ND	1,300
n-Butylbenzene	ND	4,300	2,900	ND	10,000
n-Propylbenzene	ND	2,100	940	ND	3,700
o-Xylene	1,000	ND	ND	ND	1,200
p-Isopropyltoluene	ND	2,600	ND	ND	10,000
sec-Butylbenzene	ND	3,200	2,000	ND	10,000
tert-Butylbenzene	ND	ND	ND	ND	10,000
Tetrachloroethene	ND	ND	ND	ND	1,400
Toluene	660	ND	ND	ND	1,500
1,1,1-Trichloroethane	ND	ND	ND	ND	800
1,1,2-Trichloroethane	ND	ND	ND	ND	N/A
1,3,5-Trimethylbenzene	600	880	ND	ND	3,300
1,2,4-Trimethylbenzene	1,600	20,000	2,200	ND	10,000
Xylenes, Total	3,800	ND	ND	ND	1,200
Total BTEX	8,460	0	0	0	-
Total VOCs	28,460	83,840	26,040	0	-

Notes:

1. Concentration Units = ppb
2. Laboratory analysis via EPA Method 8260.
3. ND = Not detected above the method detection limits of the laboratory.
4. STARS = Spill Technology and Remediation Series
5. NYSDEC = New York State Department of Environmental Conservation
6. TAGM = Technical and Administrative Guidance Memorandum
7. Shaded values indicate concentrations at/or above NYSDEC TAGM #4046 Rec. Soil Cleanup Objective.

Table 2

Soil Sampling Analytical Results for SVOCs on August 22, 2008

Retaco Building
438 West 18th Street
New York, NY

Analytical Parameter	B-14 (5'-7')	B-14 (11'-13')	B-15 (11'-13')	NYSDEC TAGM Soil Standards
Acenaphthene	6,600	1,900	ND	50,000
Acenaphthylene	ND	ND	ND	41,000
Anthracene	6,200	ND	ND	50,000
Benzo[a]anthracene	ND	ND	700	224
Benzo[a]pyrene	ND	ND	660	61
Benzo[b]fluoranthene	ND	ND	1,000	1,100
Benzo[g,h,i]perylene	ND	ND	590	50,000
Benzo[k]fluoranthene	ND	ND	370	1,100
Chrysene	ND	ND	830	400
Dibenzo(a,h)anthracene	ND	ND	ND	14.30
Fluoranthene	ND	ND	1,600	50,000
Fluorene	13,000	3,500	ND	50,000
Indeno[1,2,3-cd]pyrene	ND	ND	470	3,200
Isophorone	ND	ND	ND	4,400
2-Methylnaphthalene	ND	ND	ND	N/A
Naphthalene	29,000	2,100	ND	13,000
Phenanthrene	26,000	6,700	1,000	50,000
Pyrene	ND	ND	1,300	50,000
Total VOCs	80,800	14,200	8,520	-

Notes:

1. Concentration Units = ppb
2. Laboratory analysis via EPA Method 8270.
3. ND = Not detected above the method detection limits of the laboratory.
4. NT = Not Tested
5. NYSDEC = New York State Department of Environmental Conservation
6. TAGM = Technical and Administrative Guidance Memorandum
7. Shaded values indicate concentrations at/or above NYSDEC TAGM #4046 Rec. Soil Cleanup Objective.

Table 3

Groundwater Sampling Analytical Results for VOCs on September 30, 31 and October 2, 2008

Retaco Building
438 West 18th Street
New York, NY

17' 20'

Analytical Parameters	A-2	A-3	B-2	B-3	C-2	C-3	MW-1	MW-2	MW-3	MW-4	MW-5	NYSDEC TAGM #4046 Groundwater Standards
1,2,4-Trimethylbenzene	930	200	220	20	2.6	200	ND	1.4	14	ND	12	5
1,3,5-Trimethylbenzene	220	87	57	8.4	ND	90	ND	ND	7.4	ND	6.5	5
Benzene	3,200	10,000	490	3,400	46	3,100	1,100	310	2,000	550	510	0.7
Ethylbenzene	1,100	320	91	56	4	840	ND	2	40	ND	14	5
Isopropylbenzene	76	110	11	59	1.3	22	25	9.1	44	16	29	5
m&p-Xylene	2,700	430	500	72	7.5	1,100	77	7.2	69	6	30	5
Methyl tert-butyl ether	120	120	30	81	30	34	23	46	51	15	20	10
Napthalene	220	410	40	120	11	3,800	ND	4.3	15	5.2	9.4	10
n-Butylbenzene	11	6.50	ND	2.7	ND	56	11	ND	3.2	ND	3.1	5
n-Propylbenzene	180	76	13	51	ND	ND	ND	4.8	52	12	41	5
o-Xylene	740	150	240	24	3.2	510	ND	2	10	ND	6.9	5
p-Isopropyltoluene	3.8	5.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
sec-Butylbenzene	7.4	3.5	ND	2.2	ND	ND	ND	ND	2.4	ND	2.4	5
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Toluene	28	12	74	24	5.4	1,500	ND	1.7	20	1.8	6.5	5
Total Xylenes	3,400	580	740	96	11	1,600	ND	9.2	79	6	37	5
Total BTEX	7,728	10,912	1,395	3,576	66.4	7,040	1,100	322.9	2,139	557.8	567.5	-
Total VOCs	9,536.2	11,931	1,766	3,920	111	11,252	1,236	397.7	2,328	606	727.8	-

Notes:

1. All samples obtained on 9/30,31/08 and October 2, 2008
2. Concentration Units = ug/L (micrograms per liter).
3. Laboratory analysis via EPA Method 8260 (STARS list of compounds).
4. ND = Not detected above the method detection limits of the laboratory.
5. Shaded box indicates concentration levels at/or above the NYSDEC TAGM #4046 RSCOs.

Table 3 (cont.)

Groundwater Sampling Analytical Results for VOCs on September 30, 31 and October 2, 2008

Retaco Building
438 West 18th Street
New York, NY

Analytical Parameters	MW-5A	MW-5B	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-14	MW-15	NYSDEC TAGM #4046 Groundwater Standards
1,2,4-Trimethylbenzene	ND	18	46	2,600	37,000	ND	1,400	32	11	ND	5
1,3,5-Trimethylbenzene	ND	4.1	15	720	11,000	ND	440	29	ND	ND	5
Benzene	ND	16	310	2,500	4,100	170	6,000	1,200	60	ND	0.7
Ethylbenzene	ND	17	5.1	1,800	9,100	ND	1,100	28	ND	ND	5
Isopropylbenzene	ND	8.2	9.7	85	1,400	3.5	ND	24	7.6	ND	5
m&p-Xylene	ND	21	38	8,700	49,000	ND	2,900	160	ND	ND	5
Methyl tert-butyl ether	ND	22	20	ND	ND	32	510	26	ND	ND	10
Napthalene	ND	5	13	730	4,800	ND	680	41	36	ND	10
n-Butylbenzene	ND	ND	6.5	ND	1,700	1.3	ND	ND	9.5	ND	5
n-Propylbenzene	ND	12	14	200	4,500	ND	72	40	15	ND	5
o-Xylene	ND	3	9.5	3,800	18,000	2.8	570	ND	ND	ND	5
p-Isopropyltoluene	ND	ND	58	ND	360	ND	ND	ND	ND	ND	5
sec-Butylbenzene	ND	2	4	ND	550	ND	ND	ND	9.3	ND	5
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Toluene	ND	ND	11	3,900	14,000	ND	280	31	ND	ND	5
Total Xylenes	ND	24	48	12,000	67,000	ND	3,400	160	ND	ND	5
Total BTEX	0	57	374.1	20,200	94,200	170	10,780	1,419	60	0	-
Total VOCs	0	152.4	607.8	25,035	155,510	209.6	13,952	1,611	148.4	0	-

Notes:

1. All samples obtained on 9/30,31/08 and October 2, 2008
2. Concentration Units = ug/L (micrograms per liter).
3. Laboratory analysis via EPA Method 8260 (STARS list of compounds).
4. ND = Not detected above the method detection limits of the laboratory.
5. Shaded box indicates concentration levels at/or above the NYSDEC TAGM #4046 RSCOs.

Table 4

Groundwater Sampling Analytical Results for SVOCS on September 30, 31, and October 2, 2008

Retaco Building
438 West 18th Street
New York, NY

Analytical Parameter	MW-5B	MW-8	MW-9	MW-12	MW-14	MW-15	NYSDEC TAGM #4046 Groundwater Standards
Acenaphthene	ND	ND	ND	8	75	ND	20
Acenapthylene	ND	ND	ND	10	ND	ND	50
Anthracene	ND	ND	ND	8	ND	ND	50
Benz(a)anthracene	ND	ND	ND	31	ND	ND	0.002
Benzo(a)pyrene	ND	ND	ND	10	ND	ND	0.002
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	0.002
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	5
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	0.002
Chrysene	ND	ND	ND	ND	ND	ND	0.002
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	50
Fluorene	ND	ND	ND	ND	130	ND	50
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	0.002
Naphthalene	ND	4,800	85,000	ND	93	ND	10
Phenanthrene	ND	ND	ND	ND	320	ND	50
Pyrene	ND	ND	ND	ND	ND	ND	50
Total SVOCs	0	4,800	85,000	67	618	0	-

Notes:

1. All samples obtained on 9/30/08
2. Concentration Units = ug/L (micrograms per liter)
3. Laboratory analysis via EPA Method 8270 (STARS list of compounds).
4. ND = Not detected above the method detection limits of the laboratory.
5. Shaded box indicates concentration levels at/or above the NYSDEC TAGM #4046 RSCOs.
6. NT= Sample was not analyzed

Table 5

Groundwater Sampling Analytical Results for VOCs on January 15, 2009

Retaco Building
438 West 18th Street
New York, NY

Analytical Parameters	MW-1	MW-2	MW-3	MW-4	MW-5	MW-7	MW-8	MW-9	MW-11	NYSDEC TAGM #4046 Groundwater Standards
1,2,4-Trimethylbenzene	1.5	NS	1.1	ND	3.2	2.7	4,100	3,500	1,600	5
1,3,5-Trimethylbenzene	2.4	NS	ND	ND	5.3	ND	1,500	960	490	5
Benzene	480	NS	1,100	520	560	3.8	1,500	3,600	5,100	.7
Ethylbenzene	1.1	NS	1.6	2.4	2.4	ND	1,300	1,800	840	5
Isopropylbenzene	20	NS	20	13	35	ND	ND	ND	34	5
m,p-Xylene	5.6	NS	4.3	ND	13	ND	7,000	10,000	4,200	5
MTBE	70	NS	23	9.2	27	5.6	ND	270	370	10
Naphthalene	7.4	NS	3.6	2.9	6.6	ND	1,600	1,300	540	10
n-Butylbenzene	ND	NS	1.8	22	5.6	ND	ND	ND	29	5
n-Propylbenzene	11	NS	21	11	46	ND	ND	ND	61	5
o-Xylene	2.1	NS	ND	ND	3	ND	3,000	4,200	1,500	5
p-Isopropyltoluene	ND	NS	ND	ND	2.7	1.1	ND	ND	21	5
sec-butylbenzene	ND	NS	1.4	ND	4	ND	ND	ND	ND	5
tert-Butylbenzene	ND	NS	ND	ND	ND	ND	ND	ND	ND	5
Toluene	1.3	NS	1.9	1.6	3.8	ND	3,000	7,000	1,700	5
Xylene (Total)	7.6	NS	4.3	ND	16	ND	10,000	15,000	5,700	5
Total BTEX	490.0	NS	1,107.8	524	582.2	3.8	15,800	27,400	13,340	-
Total VOCs	602.4	NS	1,179.7	582.1	717.6	13.2	23,000	32,630	16,485	-

Notes:
1. Concentration Units = ug/L (micrograms per liter)
2. Laboratory analysis via EPA Method 8260 (STARS List of Compounds).
3. VOCs = Volatile Organic Compounds
4. STARS = Spill Technology and Remediation Series
5. NYSDEC = New York State Department of Environmental Conservation
6. TAGM = Technical and Administrative Guidance Memorandum
7. ND = Not detected above the method detection limit of the laboratory
8. NS = Not Sampled
9. Shaded values indicate concentrations at/or above NYSDEC TAGM #4046 Groundwater Standards
10. J = Estimated value

EnviroTrac
Environmental Services

Table 5 (cont.)

Groundwater Sampling Analytical Results for VOCs on January 15, 2009

Retaco Building
438 West 18th Street
New York, NY

Analytical Parameters	MW-12	MW-14	MW-15	A-2	A-3	B-2	B-3	C-2	C-3	NYSDEC TAGM #4046 Groundwater Standards
1,2,4-Trimethylbenzene	270	ND	ND	530	110	360	31	ND	200	5
1,3,5-Trimethylbenzene	160	ND	ND	140	45	95	ND	ND	84	5
Benzene	4,100	2.2	ND	1,100	7,500	590	5,000	5.2	8,900	.7
Ethylbenzene	310	ND	ND	510	150	80	210	ND	1,100	5
Isopropylbenzene	ND	ND	ND	32	32	ND	42	ND	ND	5
m,p-Xylene	930	ND	ND	1,200	270	260	140	ND	1,300	5
MTBE	94	ND	ND	110	97	38	140	58	ND	10
Naphthalene	180	ND	ND	150	150	51	320	1.4	3,000	10
n-Butylbenzene	ND	ND	ND	ND	110	ND	120	ND	ND	5
n-Propylbenzene	79	ND	ND	70	23	ND	24	ND	ND	5
o-Xylene	ND	ND	ND	360	100	160	63	ND	570	5
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
sec-butylbenzene	ND	1.1	ND	ND	ND	ND	ND	ND	ND	5
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Toluene	83	ND	ND	ND	ND	52	86	ND	2,300	5
Xylene (Total)	930	ND	ND	1,600	380	420	210	ND	1,900	5
Total BTEX	5,423	2.2	0	3,210	8,030	1,142	5,506	5.2	14,200	-
Total VOCs	6,206	3.3	0	4,202	8,587	1,686	6,176	64.6	17,454	-

Notes:
1. Concentration Units = ug/L (micrograms per liter).
2. Laboratory analysis via EPA Method 8260 (STARS List of Compounds).
3. VOCs = Volatile Organic Compounds
4. STARS = Spill Technology and Remediation Series
5. NYSDEC = New York State Department of Environmental Conservation
6. TAGM = Technical and Administrative Guidance Memorandum
7. ND = Not detected above the method detection limit of the laboratory
8. NS = Not Sampled
9. Shaded values indicate concentrations at/or above NYSDEC TAGM #4046 Groundwater Standards
10. J = Estimated value

EnviroTrac
Environmental Services

Appendix A
Laboratory Results

Soil

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

nelac NY # 11301

Analysis Report

September 03, 2008

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	C	08/22/08	0:00
Location Code:	ENVIROTR	Received by:	LB	08/25/08	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAQ70587
Phoenix I.D.: AQ70587

Laboratory Data

Client ID: RETACO SB-B (20)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	86		%	08/25/08		I-JL	E160.3
Volatiles							
1,1,1,2-Tetrachloroethane	ND	500	ug/Kg	08/30/08		R/J	SW8260
1,1,1-Trichloroethane	ND	500	ug/Kg	08/30/08		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	500	ug/Kg	08/30/08		R/J	SW8260
1,1,2-Trichloroethane	ND	500	ug/Kg	08/30/08		R/J	SW8260
1,1-Dichloroethane	ND	500	ug/Kg	08/30/08		R/J	SW8260
1,1-Dichloroethene	ND	500	ug/Kg	08/30/08		R/J	SW8260
1,1-Dichloropropene	ND	500	ug/Kg	08/30/08		R/J	SW8260
1,2,3-Trichlorobenzene	ND	500	ug/Kg	08/30/08		R/J	SW8260
1,2,3-Trichloropropane	ND	500	ug/Kg	08/30/08		R/J	SW8260
1,2,4-Trichlorobenzene	ND	500	ug/Kg	08/30/08		R/J	SW8260
1,2,4-Trimethylbenzene	1600	500	ug/Kg	08/30/08		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	500	ug/Kg	08/30/08		R/J	SW8260
1,2-Dichlorobenzene	ND	500	ug/Kg	08/30/08		R/J	SW8260
1,2-Dichloroethane	ND	500	ug/Kg	08/30/08		R/J	SW8260
1,2-Dichloropropane	ND	500	ug/Kg	08/30/08		R/J	SW8260
1,3,5-Trimethylbenzene	600	500	ug/Kg	08/30/08		R/J	SW8260
1,3-Dichlorobenzene	ND	500	ug/Kg	08/30/08		R/J	SW8260
1,3-Dichloropropane	ND	500	ug/Kg	08/30/08		R/J	SW8260
1,4-Dichlorobenzene	ND	500	ug/Kg	08/30/08		R/J	SW8260
2,2-Dichloropropane	ND	500	ug/Kg	08/30/08		R/J	SW8260
2-Chlorotoluene	ND	500	ug/Kg	08/30/08		R/J	SW8260
2-Hexanone	ND	2500	ug/Kg	08/30/08		R/J	SW8260
2-Isopropyltoluene	ND	500	ug/Kg	08/30/08		R/J	SW8260
4-Chlorotoluene	ND	500	ug/Kg	08/30/08		R/J	SW8260
4-Methyl-2-pentanone	ND	2500	ug/Kg	08/30/08		R/J	SW8260
Acetone	ND	10000	ug/Kg	08/30/08		R/J	SW8260
Acrylonitrile	ND	1000	ug/Kg	08/30/08		R/J	SW8260
Benzene	1500	500	ug/Kg	08/30/08		R/J	SW8260

Client ID: RETACO SB-B (20) Phoenix I.D.: AQ70587

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromobenzene	ND	500	ug/Kg	08/30/08		R/J	SW8260
Bromochloromethane	ND	500	ug/Kg	08/30/08		R/J	SW8260
Bromodichloromethane	ND	500	ug/Kg	08/30/08		R/J	SW8260
Bromoform	ND	500	ug/Kg	08/30/08		R/J	SW8260
Bromomethane	ND	500	ug/Kg	08/30/08		R/J	SW8260
Carbon Disulfide	ND	500	ug/Kg	08/30/08		R/J	SW8260
Carbon tetrachloride	ND	500	ug/Kg	08/30/08		R/J	SW8260
Chlorobenzene	ND	500	ug/Kg	08/30/08		R/J	SW8260
Chloroethane	ND	500	ug/Kg	08/30/08		R/J	SW8260
Chloroform	ND	500	ug/Kg	08/30/08		R/J	SW8260
Chloromethane	ND	500	ug/Kg	08/30/08		R/J	SW8260
cis-1,2-Dichloroethene	ND	500	ug/Kg	08/30/08		R/J	SW8260
cis-1,3-Dichloropropene	ND	500	ug/Kg	08/30/08		R/J	SW8260
Dibromochloromethane	ND	500	ug/Kg	08/30/08		R/J	SW8260
Dibromoethane	ND	500	ug/Kg	08/30/08		R/J	SW8260
Dibromomethane	ND	500	ug/Kg	08/30/08		R/J	SW8260
Dichlorodifluoromethane	ND	500	ug/Kg	08/30/08		R/J	SW8260
Ethylbenzene	2500	500	ug/Kg	08/30/08		R/J	SW8260
Hexachlorobutadiene	ND	500	ug/Kg	08/30/08		R/J	SW8260
Isopropylbenzene	ND	500	ug/Kg	08/30/08		R/J	SW8260
m&p-Xylene	2800	500	ug/Kg	08/30/08		R/J	SW8260
Methyl Ethyl Ketone	ND	3000	ug/Kg	08/30/08		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1000	ug/Kg	08/30/08		R/J	SW8260
Methylene chloride	ND	500	ug/Kg	08/30/08		R/J	SW8260
Naphthalene	14000	500	ug/Kg	08/30/08		R/J	SW8260
n-Butylbenzene	ND	500	ug/Kg	08/30/08		R/J	SW8260
n-Propylbenzene	ND	500	ug/Kg	08/30/08		R/J	SW8260
o-Xylene	1000	500	ug/Kg	08/30/08		R/J	SW8260
p-Isopropyltoluene	ND	500	ug/Kg	08/30/08		R/J	SW8260
sec-Butylbenzene	ND	500	ug/Kg	08/30/08		R/J	SW8260
Styrene	ND	500	ug/Kg	08/30/08		R/J	SW8260
tert-Butylbenzene	ND	500	ug/Kg	08/30/08		R/J	SW8260
Tetrachloroethene	ND	500	ug/Kg	08/30/08		R/J	SW8260
Tetrahydrofuran (THF)	ND	1000	ug/Kg	08/30/08		R/J	SW8260
Toluene	660	500	ug/Kg	08/30/08		R/J	SW8260
Total Xylenes	3800	500	ug/Kg	08/30/08		R/J	SW8260
trans-1,2-Dichloroethene	ND	500	ug/Kg	08/30/08		R/J	SW8260
trans-1,3-Dichloropropene	ND	500	ug/Kg	08/30/08		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	1000	ug/Kg	08/30/08		R/J	SW8260
Trichloroethene	ND	500	ug/Kg	08/30/08		R/J	SW8260
Trichlorofluoromethane	ND	500	ug/Kg	08/30/08		R/J	SW8260
Trichlorotrifluoroethane	ND	500	ug/Kg	08/30/08		R/J	SW8260
Vinyl chloride	ND	500	ug/Kg	08/30/08		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	107		%	08/30/08		R/J	SW8260
% Bromofluorobenzene	92		%	08/30/08		R/J	SW8260
% Dibromofluoromethane	108		%	08/30/08		R/J	SW8260
% Toluene-d8	103		%	08/30/08		R/J	SW8260

Client ID: RETACO SB-B (20) Phoenix I.D.: AQ70587

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

Elevated reporting limits for volatiles due to the presence of non-target compounds.

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

Phyllis Shiller, Laboratory Director

September 03, 2008

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

NELAC ACCREDITED IN ACCORDANCE WITH NY # 11301

Analysis Report

September 03, 2008

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DL	08/22/08	0:00
Location Code:	ENVIROTR	Received by:	LB	08/25/08	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAQ70587
Phoenix I.D.: AQ70588

Client ID: RETACO B-14 (5-7)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	08/25/08		I-JL	E160.3
Soil Ext. Semi-Vol BN	Completed			08/25/08		II/E	SW3545
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	20000	500	ug/Kg	08/28/08		H/J	8021/8260
1,3,5-Trimethylbenzene	880	500	ug/Kg	08/28/08		H/J	8021/8260
Benzene	ND	1000	ug/Kg	08/28/08		H/J	8021/8260
Ethylbenzene	ND	1000	ug/Kg	08/28/08		H/J	8021/8260
Isopropylbenzene	760	500	ug/Kg	08/28/08		H/J	8021/8260
m&p-Xylene	ND	1000	ug/Kg	08/28/08		H/J	8021/8260
Methyl t-Butyl Ether (MTBE)	ND	500	ug/Kg	08/28/08		H/J	8021/8260
Naphthalene	50000	500	ug/Kg	08/28/08		H/J	8021/8260
n-Butylbenzene	4300	500	ug/Kg	08/28/08		H/J	8021/8260
n-Propylbenzene	2100	500	ug/Kg	08/28/08		H/J	8021/8260
o-Xylene	ND	1000	ug/Kg	08/28/08		H/J	8021/8260
p-Isopropyltoluene	2600	500	ug/Kg	08/28/08		H/J	8021/8260
sec-Butylbenzene	3200	500	ug/Kg	08/28/08		H/J	8021/8260
tert-Butylbenzene	ND	500	ug/Kg	08/28/08		H/J	8021/8260
Toluene	ND	1000	ug/Kg	08/28/08		H/J	8021/8260
Total Xylenes	ND	1000	ug/Kg	08/28/08		H/J	8021/8260
QA/QC Surrogates							
% Bromofluorobenzene	118		%	08/28/08		H/J	8021/8260
Semivolatiles							
Acenaphthene	6600	3300	ug/Kg	08/26/08		KCA	SW 8270
Acenaphthylene	ND	3300	ug/Kg	08/26/08		KCA	SW 8270
Anthracene	6200	3300	ug/Kg	08/26/08		KCA	SW 8270
Benz(a)anthracene	ND	3300	ug/Kg	08/26/08		KCA	SW 8270
Benzo(a)pyrene	ND	3300	ug/Kg	08/26/08		KCA	SW 8270
Benzo(b)fluoranthene	ND	3300	ug/Kg	08/26/08		KCA	SW 8270
Benzo(ghi)perylene	ND	3300	ug/Kg	08/26/08		KCA	SW 8270

Client ID: RETACO B-14 (5-7)

Phoenix I.D.: AQ70588

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzo(k)fluoranthene	ND	3300	ug/Kg	08/26/08		KCA	SW 8270
Chrysene	ND	3300	ug/Kg	08/26/08		KCA	SW 8270
Dibenz(a,h)anthracene	ND	3300	ug/Kg	08/26/08		KCA	SW 8270
Fluoranthene	ND	3300	ug/Kg	08/26/08		KCA	SW 8270
Fluorene	13000	3300	ug/Kg	08/26/08		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	3300	ug/Kg	08/26/08		KCA	SW 8270
Naphthalene	29000	3300	ug/Kg	08/26/08		KCA	SW 8270
Phenanthrene	26000	3300	ug/Kg	08/26/08		KCA	SW 8270
Pyrene	ND	3300	ug/Kg	08/26/08		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	*Diluted Out		%	08/26/08		KCA	SW 8270
% Nitrobenzene-d5	*Diluted Out		%	08/26/08		KCA	SW 8270
% Terphenyl-d14	*Diluted Out		%	08/26/08		KCA	SW 8270

Comments:

* Due to the presence of a large amount of non-target material an elevated RL was reported for SVOC's.

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

Phyllis Shiller, Laboratory Director

September 03, 2008

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

NY # 11301

Analysis Report

September 03, 2008

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DL	08/22/08	0:00
Location Code:	ENVIROTR	Received by:	LB	08/25/08	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAQ70587
Phoenix I.D.: AQ70589

Laboratory Data

Client ID: RETACO B-14 (11-13)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	95		%	08/25/08		I-JL	E160.3
Soil Ext. Semi-Vol BN	Completed			08/25/08		II/E	SW3545
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	2200	500	ug/Kg	08/28/08		H/J	8021/8260
1,3,5-Trimethylbenzene	ND	500	ug/Kg	08/28/08		H/J	8021/8260
Benzene	ND	1000	ug/Kg	08/28/08		H/J	8021/8260
Ethylbenzene	ND	1000	ug/Kg	08/28/08		H/J	8021/8260
Isopropylbenzene	ND	500	ug/Kg	08/28/08		H/J	8021/8260
m&p-Xylene	ND	1000	ug/Kg	08/28/08		H/J	8021/8260
Methyl t-Butyl Ether (MTBE)	ND	500	ug/Kg	08/28/08		H/J	8021/8260
Naphthalene	18000	500	ug/Kg	08/28/08		H/J	8021/8260
n-Butylbenzene	2900	500	ug/Kg	08/28/08		H/J	8021/8260
n-Propylbenzene	940	500	ug/Kg	08/28/08		H/J	8021/8260
o-Xylene	ND	1000	ug/Kg	08/28/08		H/J	8021/8260
p-Isopropyltoluene	ND	500	ug/Kg	08/28/08		H/J	8021/8260
sec-Butylbenzene	2000	500	ug/Kg	08/28/08		H/J	8021/8260
tert-Butylbenzene	ND	500	ug/Kg	08/28/08		H/J	8021/8260
Toluene	ND	1000	ug/Kg	08/28/08		H/J	8021/8260
Total Xylenes	ND	1000	ug/Kg	08/28/08		H/J	8021/8260
QA/QC Surrogates							
% Bromofluorobenzene	107		%	08/28/08		H/J	8021/8260
Semivolatiles							
Acenaphthene	1900	1600	ug/Kg	08/26/08		HM	SW 8270
Acenaphthylene	ND	1600	ug/Kg	08/26/08		HM	SW 8270
Anthracene	ND	1600	ug/Kg	08/26/08		HM	SW 8270
Benz(a)anthracene	ND	1600	ug/Kg	08/26/08		HM	SW 8270
Benzo(a)pyrene	ND	1600	ug/Kg	08/26/08		HM	SW 8270
Benzo(b)fluoranthene	ND	1600	ug/Kg	08/26/08		HM	SW 8270
Benzo(ghi)perylene	ND	1600	ug/Kg	08/26/08		HM	SW 8270

Client ID: RETACO B-14 (11-13) Phoenix I.D.: AQ70589

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzo(k)fluoranthene	ND	1600	ug/Kg	08/26/08		HM	SW 8270
Chrysene	ND	1600	ug/Kg	08/26/08		HM	SW 8270
Dibenz(a,h)anthracene	ND	1600	ug/Kg	08/26/08		HM	SW 8270
Fluoranthene	ND	1600	ug/Kg	08/26/08		HM	SW 8270
Fluorene	3500	1600	ug/Kg	08/26/08		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	1600	ug/Kg	08/26/08		HM	SW 8270
Naphthalene	2100	1600	ug/Kg	08/26/08		HM	SW 8270
Phenanthrene	6700	1600	ug/Kg	08/26/08		HM	SW 8270
Pyrene	ND	1600	ug/Kg	08/26/08		HM	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	49		%	08/26/08		HM	SW 8270
% Nitrobenzene-d5	56		%	08/26/08		HM	SW 8270
% Terphenyl-d14	46		%	08/26/08		HM	SW 8270

Comments:

* Due to matrix interference in the sample an elevated RL was reported for SVOC's.

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
September 03, 2008

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 03, 2008

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DL	08/22/08	0:00
Location Code:	ENVIROTR	Received by:	LB	08/25/08	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAQ70587
Phoenix I.D.: AQ70590

Client ID: RETACO B-15 (11-13)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	92		%	08/25/08		I-JL	E160.3
Soil Ext. Semi-Vol BN	Completed			08/25/08		II/E	SW3545
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	ND	1	ug/Kg	08/29/08		H/J	8021/8260
1,3,5-Trimethylbenzene	ND	1	ug/Kg	08/29/08		H/J	8021/8260
Benzene	ND	2	ug/Kg	08/29/08		H/J	8021/8260
Ethylbenzene	ND	2	ug/Kg	08/29/08		H/J	8021/8260
Isopropylbenzene	ND	1	ug/Kg	08/29/08		H/J	8021/8260
m&p-Xylene	ND	2	ug/Kg	08/29/08		H/J	8021/8260
Methyl t-Butyl Ether (MTBE)	ND	1	ug/Kg	08/29/08		H/J	8021/8260
Naphthalene	ND	1	ug/Kg	08/29/08		H/J	8021/8260
n-Butylbenzene	ND	1	ug/Kg	08/29/08		H/J	8021/8260
n-Propylbenzene	ND	1	ug/Kg	08/29/08		H/J	8021/8260
o-Xylene	ND	2	ug/Kg	08/29/08		H/J	8021/8260
p-Isopropyltoluene	ND	1	ug/Kg	08/29/08		H/J	8021/8260
sec-Butylbenzene	ND	1	ug/Kg	08/29/08		H/J	8021/8260
tert-Butylbenzene	ND	1	ug/Kg	08/29/08		H/J	8021/8260
Toluene	ND	2	ug/Kg	08/29/08		H/J	8021/8260
Total Xylenes	ND	2	ug/Kg	08/29/08		H/J	8021/8260
QA/QC Surrogates							
% Bromofluorobenzene	94		%	08/29/08		H/J	8021/8260
Semivolatiles							
Acenaphthene	ND	330	ug/Kg	08/26/08		HM	SW 8270
Acenaphthylene	ND	330	ug/Kg	08/26/08		HM	SW 8270
Anthracene	ND	330	ug/Kg	08/26/08		HM	SW 8270
Benz(a)anthracene	700	330	ug/Kg	08/26/08		HM	SW 8270
Benzo(a)pyrene	660	330	ug/Kg	08/26/08		HM	SW 8270
Benzo(b)fluoranthene	1000	330	ug/Kg	08/26/08		HM	SW 8270
Benzo(ghi)perylene	590	330	ug/Kg	08/26/08		HM	SW 8270

Client ID: RETACO B-15 (11-13) Phoenix I.D.: AQ70590

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzo(k)fluoranthene	370	330	ug/Kg	08/26/08		HM	SW 8270
Chrysene	830	330	ug/Kg	08/26/08		HM	SW 8270
Dibenz(a,h)anthracene	ND	330	ug/Kg	08/26/08		HM	SW 8270
Fluoranthene	1600	330	ug/Kg	08/26/08		HM	SW 8270
Fluorene	ND	330	ug/Kg	08/26/08		HM	SW 8270
Indeno(1,2,3-cd)pyrene	470	330	ug/Kg	08/26/08		HM	SW 8270
Naphthalene	ND	330	ug/Kg	08/26/08		HM	SW 8270
Phenanthrene	1000	330	ug/Kg	08/26/08		HM	SW 8270
Pyrene	1300	330	ug/Kg	08/26/08		HM	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	89		%	08/26/08		HM	SW 8270
% Nitrobenzene-d5	65		%	08/26/08		HM	SW 8270
% Terphenyl-d14	88		%	08/26/08		HM	SW 8270

Comments:

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
September 03, 2008

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH THE nelac
NY # 11301

QA/QC Report

September 03, 2008

QA/QC Data

SDG I.D.: GAQ70587

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 108492, QC Sample No: AQ70429 (AQ70588, AQ70589, AQ70590)							
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	84	87	3.5	90	89	1.1
Acenaphthene	ND	78	83	6.2	91	89	2.2
Acenaphthylene	ND	81	78	3.8	92	88	4.4
Anthracene	ND	86	86	0.0	90	89	1.1
Benz(a)anthracene	ND	91	87	4.5	102	99	3.0
Benzo(a)pyrene	ND	92	96	4.3	99	99	0.0
Benzo(b)fluoranthene	ND	97	99	2.0	106	112	5.5
Benzo(ghi)perylene	ND	91	96	5.3	91	98	7.4
Benzo(k)fluoranthene	ND	95	92	3.2	102	97	5.0
Chrysene	ND	94	86	8.9	103	101	2.0
Dibenz(a,h)anthracene	ND	95	94	1.1	92	98	6.3
Fluoranthene	ND	99	94	5.2	107	102	4.8
Fluorene	ND	84	87	3.5	97	92	5.3
Indeno(1,2,3-cd)pyrene	ND	95	94	1.1	93	99	6.3
Naphthalene	ND	79	78	1.3	84	81	3.6
Phenanthrene	ND	87	88	1.1	96	97	1.0
Pyrene	ND	94	90	4.3	102	104	1.9
% 2-Fluorobiphenyl	85	81	80	1.2	92	92	0.0
% Nitrobenzene-d5	69	74	71	4.1	78	79	1.3
% Terphenyl-d14	84	84	83	1.2	89	87	2.3
QA/QC Batch 108873, QC Sample No: AQ70445 (AQ70587, AQ70588, AQ70589)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	96	96	0.0	86	95	9.9
1,1,1-Trichloroethane	ND	100	95	5.1	88	97	9.7
1,1,2,2-Tetrachloroethane	ND	87	93	6.7	68	64	6.1
1,1,2-Trichloroethane	ND	95	96	1.0	90	90	0.0
1,1-Dichloroethane	ND	101	97	4.0	87	95	8.8
1,1-Dichloroethene	ND	104	96	8.0	86	98	13.0
1,1-Dichloropropene	ND	105	99	5.9	94	101	7.2
1,2,3-Trichlorobenzene	ND	86	100	15.1	82	93	12.6
1,2,3-Trichloropropane	ND	107	113	5.5	93	91	2.2
1,2,4-Trichlorobenzene	ND	84	89	5.8	83	93	11.4
1,2,4-Trimethylbenzene	ND	100	95	5.1	86	94	8.9
1,2-Dibromo-3-chloropropane	ND	99	117	16.7	109	111	1.8
1,2-Dichlorobenzene	ND	92	93	1.1	83	91	9.2
1,2-Dichloroethane	ND	97	94	3.1	86	88	2.3
1,2-Dichloropropane	ND	100	98	2.0	90	96	6.5

QA/QC Data

SDG I.D.: GAQ70587

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,3,5-Trimethylbenzene	ND	100	95	5.1	85	97	13.2
1,3-Dichlorobenzene	ND	93	93	0.0	84	93	10.2
1,3-Dichloropropane	ND	99	100	1.0	91	96	5.3
1,4-Dichlorobenzene	ND	89	90	1.1	82	89	8.2
2,2-Dichloropropane	ND	87	84	3.5	81	86	6.0
2-Chlorotoluene	ND	97	94	3.1	84	96	13.3
2-Hexanone	ND	<70	<70	NC	89	86	3.4
2-Isopropyltoluene	ND	103	99	4.0	86	100	15.1
4-Chlorotoluene	ND	96	93	3.2	84	95	12.3
4-Methyl-2-pentanone	ND	98	101	3.0	99	96	3.1
Acetone	ND	<70	<70	NC	81	79	2.5
Acrolein	ND	97	92	5.3	92	88	4.4
Acrylonitrile	ND	98	104	5.9	98	92	6.3
Benzene	ND	100	96	4.1	88	94	6.6
Bromobenzene	ND	96	95	1.0	87	91	4.5
Bromochloromethane	ND	100	96	4.1	90	91	1.1
Bromodichloromethane	ND	99	95	4.1	87	93	6.7
Bromoform	ND	96	100	4.1	90	93	3.3
Bromomethane	ND	90	83	8.1	93	82	12.6
Carbon Disulfide	ND	103	95	8.1	85	95	11.1
Carbon tetrachloride	ND	99	87	12.9	84	96	13.3
Chlorobenzene	ND	99	96	3.1	85	96	12.2
Chloroethane	ND	104	100	3.9	86	99	14.1
Chloroform	ND	97	92	5.3	85	91	6.8
Chloromethane	ND	110	105	4.7	82	94	13.6
cis-1,2-Dichloroethene	ND	103	102	1.0	90	97	7.5
cis-1,3-Dichloropropene	ND	95	97	2.1	91	95	4.3
Dibromochloromethane	ND	95	97	2.1	89	94	5.5
Dibromoethane	ND	96	109	12.7	101	98	3.0
Dibromomethane	ND	98	98	0.0	91	90	1.1
Dichlorodifluoromethane	ND	123	115	6.7	83	96	14.5
Ethylbenzene	ND	103	98	5.0	90	101	11.5
Hexachlorobutadiene	ND	95	89	6.5	78	91	15.4
Isopropylbenzene	ND	100	95	5.1	86	99	14.1
m&p-Xylene	ND	105	99	5.9	91	103	12.4
Methyl ethyl ketone	ND	<70	<70	NC	87	81	7.1
Methyl t-butyl ether (MTBE)	ND	94	96	2.1	92	88	4.4
Methylene chloride	ND	94	90	4.3	83	89	7.0
Naphthalene	ND	85	122	35.7	110	125	12.8
n-Butylbenzene	ND	96	90	6.5	82	93	12.6
n-Propylbenzene	ND	103	97	6.0	87	99	12.9
o-Xylene	ND	105	99	5.9	89	98	9.6
p-Isopropyltoluene	ND	101	97	4.0	84	98	15.4
sec-Butylbenzene	ND	98	94	4.2	84	97	14.4
Styrene	ND	106	100	5.8	91	100	9.4
tert-Butylbenzene	ND	104	99	4.9	88	99	11.8
Tetrachloroethene	ND	102	95	7.1	89	100	11.6
Tetrahydrofuran (THF)	ND	98	103	5.0	95	86	9.9
Toluene	ND	102	94	8.2	88	95	7.7

QA/QC Data

SDG I.D.: GAQ70587

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
trans-1,2-Dichloroethene	ND	96	91	5.3	84	92	9.1	
trans-1,3-Dichloropropene	ND	98	103	5.0	97	95	2.1	
trans-1,4-dichloro-2-butene	ND	73	87	17.5	80	68	16.2	
Trichloroethene	ND	100	94	6.2	103	112	8.4	
Trichlorofluoromethane	ND	102	93	9.2	79	91	14.1	
Trichlorotrifluoroethane	ND	105	95	10.0	86	98	13.0	
Vinyl chloride	ND	110	98	11.5	87	100	13.9	
% 1,2-dichlorobenzene-d4	104	99	103	4.0	102	102	0.0	
% Bromofluorobenzene	98	102	102	0.0	102	102	0.0	
% Dibromofluoromethane	97	100	106	5.8	104	101	2.9	
% Toluene-d8	97	103	99	4.0	102	101	1.0	
QA/QC Batch 108635, QC Sample No: AQ70590 (aq70590)								
Volatiles								
1,1,1,2-Tetrachloroethane	ND	106	110	3.7	72	81	11.8	
1,1,1-Trichloroethane	ND	84	84	0.0	67	75	11.3	
1,1,2,2-Tetrachloroethane	ND	103	103	0.0	22	28	24.0	3
1,1,2-Trichloroethane	ND	97	98	1.0	80	88	9.5	
1,1-Dichloroethane	ND	83	84	1.2	70	78	10.8	
1,1-Dichloroethene	ND	87	87	0.0	70	75	6.9	
1,1-Dichloropropene	ND	95	95	0.0	70	76	8.2	
1,2,3-Trichlorobenzene	ND	112	113	0.9	17	20	16.2	
1,2,3-Trichloropropane	ND	104	120	14.3	75	68	9.8	
1,2,4-Trichlorobenzene	ND	105	107	1.9	16	20	22.2	
1,2,4-Trimethylbenzene	ND	98	99	1.0	37	43	15.0	
1,2-Dibromo-3-chloropropane	ND	118	121	2.5	70	76	8.2	
1,2-Dichlorobenzene	ND	100	102	2.0	34	41	18.7	
1,2-Dichloroethane	ND	82	84	2.4	70	76	8.2	
1,2-Dichloropropane	ND	90	90	0.0	74	81	9.0	
1,3,5-Trimethylbenzene	ND	98	98	0.0	37	41	10.3	3
1,3-Dichlorobenzene	ND	101	102	1.0	34	40	16.2	
1,3-Dichloropropane	ND	101	101	0.0	82	88	7.1	
1,4-Dichlorobenzene	ND	100	100	0.0	35	41	15.8	
2,2-Dichloropropane	ND	78	80	2.5	66	71	7.3	
2-Chlorotoluene	ND	102	102	0.0	44	49	10.8	
2-Hexanone	ND	84	91	8.0	96	100	4.1	
2-Isopropyltoluene	ND	98	98	0.0	32	35	9.0	
4-Chlorotoluene	ND	103	102	1.0	42	49	15.4	
4-Methyl-2-pentanone	ND	83	88	5.8	81	83	2.4	
Acetone	ND	<70	<70	NC	100	97	3.0	
Acrolein	ND	119	<70	NC	62	118	62.2	
Acrylonitrile	ND	81	83	2.4	76	79	3.9	
Benzene	ND	89	90	1.1	73	79	7.9	
Bromobenzene	ND	107	106	0.9	55	63	13.6	
Bromochloromethane	ND	89	90	1.1	78	85	8.6	
Bromodichloromethane	ND	90	90	0.0	73	79	7.9	
Bromoform	ND	114	117	2.6	80	88	9.5	
Bromomethane	ND	<70	80	NC	63	54	15.4	
Carbon Disulfide	ND	81	84	3.6	56	60	6.9	

QA/QC Data

SDG I.D.: GAQ70587

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
Carbon tetrachloride	ND	92	92	0.0	69	74	7.0	
Chlorobenzene	ND	98	101	3.0	61	69	12.3	
Chloroethane	ND	75	77	2.6	64	68	6.1	
Chloroform	ND	82	81	1.2	69	76	9.7	
Chloromethane	ND	79	80	1.3	59	65	9.7	
cis-1,2-Dichloroethene	ND	92	93	1.1	74	82	10.3	
cis-1,3-Dichloropropene	ND	93	93	0.0	74	81	9.0	
Dibromochloromethane	ND	109	111	1.8	81	91	11.6	
Dibromoethane	ND	97	101	4.0	78	84	7.4	
Dibromomethane	ND	93	94	1.1	78	86	9.8	
Dichlorodifluoromethane	ND	92	97	5.3	61	66	7.9	
Ethylbenzene	ND	97	100	3.0	56	63	11.8	
Hexachlorobutadiene	ND	106	109	2.8	16	14	13.3	
Isopropylbenzene	ND	101	101	0.0	47	52	10.1	3
m&p-Xylene	ND	97	101	4.0	54	60	10.5	
Methyl ethyl ketone	ND	<70	74	NC	91	99	8.4	
Methyl t-butyl ether (MTBE)	ND	85	86	1.2	76	80	5.1	
Methylene chloride	ND	74	75	1.3	65	68	4.5	
Naphthalene	ND	125	112	11.0	37	48	25.9	
n-Butylbenzene	ND	95	95	0.0	23	23	0.0	
n-Propylbenzene	ND	102	103	1.0	39	43	9.8	3
o-Xylene	ND	96	100	4.1	55	60	8.7	3
p-Isopropyltoluene	ND	101	102	1.0	30	31	3.3	3
sec-Butylbenzene	ND	97	98	1.0	31	32	3.2	3
Styrene	ND	97	101	4.0	54	61	12.2	
tert-Butylbenzene	ND	100	99	1.0	37	40	7.8	3
Tetrachloroethene	ND	105	108	2.8	58	64	9.8	
Tetrahydrofuran (THF)	ND	83	81	2.4	74	79	6.5	
Toluene	ND	91	91	0.0	65	72	10.2	
trans-1,2-Dichloroethene	ND	85	87	2.3	68	75	9.8	
trans-1,3-Dichloropropene	ND	93	93	0.0	73	77	5.3	
trans-1,4-dichloro-2-butene	ND	98	105	6.9	68	69	1.5	
Trichloroethene	ND	97	99	2.0	107	114	6.3	
Trichlorofluoromethane	ND	84	84	0.0	64	70	9.0	
Trichlorotrifluoroethane	ND	89	89	0.0	62	67	7.8	
Vinyl chloride	ND	80	82	2.5	64	70	9.0	
% 1,2-dichlorobenzene-d4	98	99	100	1.0	100	97	3.0	
% Bromofluorobenzene	89	92	93	1.1	92	91	1.1	
% Dibromofluoromethane	94	102	103	1.0	106	102	3.8	
% Toluene-d8	95	95	96	1.0	95	93	2.1	

QA/QC Batch 108874, QC Sample No: AQ71502 (AQ70590)

Volatiles

1,1,1,2-Tetrachloroethane	ND	107	105	1.9	108	104	3.8	
1,1,1-Trichloroethane	ND	106	102	3.8	101	93	8.2	
1,1,2,2-Tetrachloroethane	ND	95	97	2.1	132	132	0.0	3
1,1,2-Trichloroethane	ND	101	105	3.9	100	94	6.2	
1,1-Dichloroethane	ND	105	103	1.9	103	97	6.0	
1,1-Dichloroethene	ND	107	99	7.8	104	94	10.1	

QA/QC Data

SDG I.D.: GAQ70587

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
1,1-Dichloropropene	ND	112	105	6.5	110	98	11.5	
1,2,3-Trichlorobenzene	ND	119	120	0.8	83	56	38.8	
1,2,3-Trichloropropane	ND	119	115	3.4	139	140	0.7	3
1,2,4-Trichlorobenzene	ND	120	115	4.3	79	57	32.4	
1,2,4-Trimethylbenzene	ND	115	107	7.2	134	112	17.9	
1,2-Dibromo-3-chloropropane	ND	>130	>130	NC	152	142	6.8	3
1,2-Dichlorobenzene	ND	106	106	0.0	103	89	14.6	
1,2-Dichloroethane	ND	102	101	1.0	100	94	6.2	
1,2-Dichloropropane	ND	107	106	0.9	106	98	7.8	
1,3,5-Trimethylbenzene	ND	113	103	9.3	135	115	16.0	3
1,3-Dichlorobenzene	ND	113	107	5.5	112	93	18.5	
1,3-Dichloropropane	ND	107	106	0.9	110	110	0.0	
1,4-Dichlorobenzene	ND	109	105	3.7	107	89	18.4	
2,2-Dichloropropane	ND	107	105	1.9	103	100	3.0	
2-Chlorotoluene	ND	110	103	6.6	132	116	12.9	3
2-Hexanone	ND	93	111	17.6	76	72	5.4	
2-Isopropyltoluene	ND	113	106	6.4	136	114	17.6	
4-Chlorotoluene	ND	114	107	6.3	128	106	18.8	
4-Methyl-2-pentanone	ND	107	120	11.5	105	103	1.9	
Acetone	ND	72	89	21.1	54	60	10.5	
Acrolein	ND	101	106	4.8	95	92	3.2	
Acrylonitrile	ND	105	115	9.1	101	101	0.0	
Benzene	ND	106	100	5.8	106	95	10.9	
Bromobenzene	ND	109	104	4.7	122	112	8.5	
Bromochloromethane	ND	104	102	1.9	102	95	7.1	
Bromodichloromethane	ND	106	107	0.9	104	96	8.0	
Bromoform	ND	108	112	3.6	99	103	4.0	
Bromomethane	ND	94	111	16.6	89	101	12.6	
Carbon Disulfide	ND	109	100	8.6	97	86	12.0	
Carbon tetrachloride	ND	107	98	8.8	105	91	14.3	
Chlorobenzene	ND	108	105	2.8	105	93	12.1	
Chloroethane	ND	109	97	11.7	104	97	7.0	
Chloroform	ND	101	96	5.1	101	94	7.2	
Chloromethane	ND	115	106	8.1	99	91	8.4	
cis-1,2-Dichloroethene	ND	112	108	3.6	102	96	6.1	
cis-1,3-Dichloropropene	ND	112	115	2.6	106	99	6.8	
Dibromochloromethane	ND	106	108	1.9	110	106	3.7	
Dibromoethane	ND	113	119	5.2	107	101	5.8	
Dibromomethane	ND	104	107	2.8	103	94	9.1	
Dichlorodifluoromethane	ND	122	114	6.8	92	85	7.9	
Ethylbenzene	ND	114	108	5.4	114	102	11.1	
Hexachlorobutadiene	ND	114	102	11.1	87	65	28.9	
Isopropylbenzene	ND	112	103	8.4	148	129	13.7	3
m&p-Xylene	ND	117	110	6.2	115	103	11.0	
Methyl ethyl ketone	ND	82	107	26.5	60	63	4.9	
Methyl t-butyl ether (MTBE)	ND	100	100	0.0	101	97	4.0	
Methylene chloride	ND	97	91	6.4	99	90	9.5	
Naphthalene	ND	>130	>130	NC	147	100	38.1	3
n-Butylbenzene	ND	117	106	9.9	122	95	24.9	

QA/QC Data

SDG I.D.: GAQ70587

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
n-Propylbenzene	ND	119	104	13.5	143	121	16.7	3
o-Xylene	ND	115	108	6.3	111	100	10.4	
p-Isopropyltoluene	ND	119	108	9.7	134	109	20.6	3
sec-Butylbenzene	ND	112	99	12.3	134	110	19.7	3
Styrene	ND	118	113	4.3	101	83	19.6	
tert-Butylbenzene	ND	115	104	10.0	140	123	12.9	3
Tetrachloroethene	ND	111	106	4.6	113	100	12.2	
Tetrahydrofuran (THF)	ND	102	107	4.8	98	98	0.0	
Toluene	ND	107	104	2.8	103	92	11.3	
trans-1,2-Dichloroethene	ND	105	96	9.0	97	90	7.5	
trans-1,3-Dichloropropene	ND	116	123	5.9	106	102	3.8	
trans-1,4-dichloro-2-butene	ND	96	120	22.2	118	132	11.2	
Trichloroethene	ND	105	102	2.9	102	91	11.4	
Trichlorofluoromethane	ND	105	95	10.0	96	85	12.2	
Trichlorotrifluoroethane	ND	107	99	7.8	101	93	8.2	
Vinyl chloride	ND	116	103	11.9	101	90	11.5	
% 1,2-dichlorobenzene-d4	97	101	99	2.0	101	101	0.0	
% Bromofluorobenzene	94	102	103	1.0	90	93	3.3	
% Dibromofluoromethane	99	102	105	2.9	103	102	1.0	
% Toluene-d8	98	100	99	1.0	99	97	2.0	

QA/QC Batch 108958, QC Sample No: AQ72261 (AQ70587)

Volatiles

1,1,1,2-Tetrachloroethane	ND	104	106	1.9	102	110	7.5	
1,1,1-Trichloroethane	ND	101	108	6.7	103	109	5.7	
1,1,2,2-Tetrachloroethane	ND	99	99	0.0	106	103	2.9	
1,1,2-Trichloroethane	ND	100	102	2.0	106	111	4.6	
1,1-Dichloroethane	ND	101	108	6.7	101	107	5.8	
1,1-Dichloroethene	ND	102	109	6.6	99	110	10.5	
1,1-Dichloropropene	ND	103	109	5.7	104	114	9.2	
1,2,3-Trichlorobenzene	ND	115	120	4.3	112	110	1.8	
1,2,3-Trichloropropane	ND	113	123	8.5	109	115	5.4	
1,2,4-Trichlorobenzene	ND	113	118	4.3	106	106	0.0	
1,2,4-Trimethylbenzene	ND	101	113	11.2	100	106	5.8	
1,2-Dibromo-3-chloropropane	ND	123	120	2.5	136	121	11.7	
1,2-Dichlorobenzene	ND	101	108	6.7	99	102	3.0	
1,2-Dichloroethane	ND	102	106	3.8	107	113	5.5	
1,2-Dichloropropane	ND	102	107	4.8	105	111	5.6	
1,3,5-Trimethylbenzene	ND	102	112	9.3	97	104	7.0	
1,3-Dichlorobenzene	ND	105	113	7.3	101	104	2.9	
1,3-Dichloropropane	ND	106	108	1.9	107	111	3.7	
1,4-Dichlorobenzene	ND	101	108	6.7	99	102	3.0	
2,2-Dichloropropane	ND	102	107	4.8	105	109	3.7	
2-Chlorotoluene	ND	101	108	6.7	99	103	4.0	
2-Hexanone	ND	90	75	18.2	162	173	6.6	
2-Isopropyltoluene	ND	103	114	10.1	100	107	6.8	
4-Chlorotoluene	ND	105	111	5.6	101	105	3.9	
4-Methyl-2-pentanone	ND	106	103	2.9	130	140	7.4	
Acetone	ND	79	72	9.3	139	138	0.7	

QA/QC Data

SDG I.D.: GAQ70587

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
Acrolein	ND	103	103	0.0	111	111	0.0	
Acrylonitrile	ND	110	105	4.7	114	107	6.3	
Benzene	ND	100	107	6.8	102	109	6.6	
Bromobenzene	ND	102	106	3.8	101	106	4.8	
Bromochloromethane	ND	103	106	2.9	107	111	3.7	
Bromodichloromethane	ND	105	111	5.6	108	115	6.3	
Bromoform	ND	112	113	0.9	118	121	2.5	
Bromomethane	ND	113	100	12.2	123	109	12.1	
Carbon Disulfide	ND	101	110	8.5	103	114	10.1	
Carbon tetrachloride	ND	100	109	8.6	100	112	11.3	
Chlorobenzene	ND	101	106	4.8	99	105	5.9	
Chloroethane	ND	101	108	6.7	102	112	9.3	
Chloroform	ND	99	103	4.0	101	109	7.6	
Chloromethane	ND	99	116	15.8	106	116	9.0	
cis-1,2-Dichloroethene	ND	104	111	6.5	103	110	6.6	
cis-1,3-Dichloropropene	ND	105	108	2.8	112	118	5.2	
Dibromochloromethane	ND	104	107	2.8	110	114	3.6	
Dibromoethane	ND	112	112	0.0	121	122	0.8	
Dibromomethane	ND	105	107	1.9	110	116	5.3	
Dichlorodifluoromethane	ND	109	123	12.1	121	132	8.7	
Ethylbenzene	ND	103	111	7.5	100	111	10.4	
Hexachlorobutadiene	ND	102	113	10.2	92	97	5.3	
Isopropylbenzene	ND	98	108	9.7	99	105	5.9	
m&p-Xylene	ND	104	115	10.0	101	113	11.2	
Methyl ethyl ketone	ND	95	82	14.7	159	171	7.3	
Methyl t-butyl ether (MTBE)	ND	99	102	3.0	107	112	4.6	
Methylene chloride	ND	96	105	9.0	100	106	5.8	
Naphthalene	ND	>130	>130	NC	151	139	8.3	3
n-Butylbenzene	ND	105	114	8.2	96	102	6.1	
n-Propylbenzene	ND	104	116	10.9	100	104	3.9	
o-Xylene	ND	103	113	9.3	98	110	11.5	
p-Isopropyltoluene	ND	102	116	12.8	96	102	6.1	
sec-Butylbenzene	ND	99	110	10.5	95	102	7.1	
Styrene	ND	109	116	6.2	104	114	9.2	
tert-Butylbenzene	ND	101	112	10.3	97	105	7.9	
Tetrachloroethene	ND	100	109	8.6	>130	130	NC	
Tetrahydrofuran (THF)	ND	98	98	0.0	109	116	6.2	
Toluene	ND	98	105	6.9	99	108	8.7	
trans-1,2-Dichloroethene	ND	99	105	5.9	100	107	6.8	
trans-1,3-Dichloropropene	ND	119	118	0.8	126	123	2.4	
trans-1,4-dichloro-2-butene	ND	119	104	13.5	125	105	17.4	
Trichloroethene	ND	98	104	5.9	100	108	7.7	
Trichlorofluoromethane	ND	103	115	11.0	99	110	10.5	
Trichlorotrifluoroethane	ND	98	109	10.6	98	110	11.5	
Vinyl chloride	ND	99	113	13.2	101	117	14.7	
% 1,2-dichlorobenzene-d4	108	101	105	3.9	101	97	4.0	
% Bromofluorobenzene	94	102	101	1.0	99	101	2.0	
% Dibromofluoromethane	108	101	100	1.0	108	102	5.7	
% Toluene-d8	96	99	101	2.0	101	99	2.0	

QA/QC Data

SDG I.D.: GAQ70587

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD

3 = This parameter is outside laboratory ms/msd specified limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
September 03, 2008

PHOENIX

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

NY # 11301

NY Temperature Narration

September 03, 2008

SDG I.D.: GAQ70587

The samples in this delivery group were received at 4C.
(Note acceptance criteria is above freezing up to 6C)

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4° Pg 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: DAVIDL@ENVIROTRAC.COM

Customer: ENVIRO TRAC
Address:
Project: RETACO
Report to: D. LORTHIOIR
Invoice to: " "
Project P.O.:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 8/22/08

Analysis Request

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Phoenix Sample #	Customer Samples Identification	Sample Matrix	Date Sampled	Time Sampled	8260 STARS	8270 STARS	8260	gal VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container [ ] 4oz	GL Soil container [ ] 8oz	40 ml VOA Vial [ ] As [ ]	GL Amber 1000ml [ ] As [ ] NaOH	PL As [ ] 125ml [ ] 500ml [ ] H2SO4	PL H2SO4 [ ] 125ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
70587	SB-B (20)	S	8/22/08				X	X (DL)									
70588	B-14 (5-7)	S	"		X	X											
70589	B-14 (11-13)	S	"		X	X											
70590	B-15 (11-13)	S	"		X	X											

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	8/25/08	1120
	[signature]	8/25	1700

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other
* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ ASP A
☐ NJ Reduced Deliv *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

State where samples were collected: NJ

Comments, Special Requirements or Regulations:

Groundwater
September-October 2008

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 13, 2008

FOR: Attn: Mr Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	09/30/08	0:00
Location Code:	ENVIROTR	Received by:	SW	10/02/08	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAQ85394
Phoenix I.D.: AQ85394

Client ID: RETACO MW-11

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	1400	50	ug/L	10/03/08		H/J	SW8021/8260
1,3,5-Trimethylbenzene	440	50	ug/L	10/03/08		H/J	SW8021/8260
Benzene	6000	35	ug/L	10/03/08		H/J	SW8021/8260
Ethylbenzene	1100	50	ug/L	10/03/08		H/J	SW8021/8260
Isopropylbenzene	ND	50	ug/L	10/03/08		H/J	SW8021/8260
m&p-Xylene	2900	100	ug/L	10/03/08		H/J	SW8021/8260
Methyl t-butyl ether (MTBE)	510	50	ug/L	10/03/08		H/J	SW8021/8260
Naphthalene	680	50	ug/L	10/03/08		H/J	SW8021/8260
n-Butylbenzene	ND	50	ug/L	10/03/08		H/J	SW8021/8260
n-Propylbenzene	72	50	ug/L	10/03/08		H/J	SW8021/8260
o-Xylene	570	100	ug/L	10/03/08		H/J	SW8021/8260
p-Isopropyltoluene	ND	50	ug/L	10/03/08		H/J	SW8021/8260
sec-Butylbenzene	ND	50	ug/L	10/03/08		H/J	SW8021/8260
tert-Butylbenzene	ND	50	ug/L	10/03/08		H/J	SW8021/8260
Toluene	280	50	ug/L	10/03/08		H/J	SW8021/8260
Total Xylenes	3400	100	ug/L	10/03/08		H/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	10/03/08		H/J	SW8021/8260
% Bromofluorobenzene	93		%	10/03/08		H/J	SW8021/8260
% Dibromofluoromethane	111		%	10/03/08		H/J	SW8021/8260
% Toluene-d8	96		%	10/03/08		H/J	SW8021/8260

Client ID: RETACO MW-11 Phoenix I.D.: AQ85394

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

Phyllis Shiller, Laboratory Director

October 13, 2008

PHOENIX

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

nelac NY # 11301

Analysis Report

October 13, 2008

FOR: Attn: Mr Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	09/30/08	0:00
Location Code:	ENVIROTR	Received by:	SW	10/02/08	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAQ85394
Phoenix I.D.: AQ85395

Laboratory Data

Client ID: RETACO MW-12

Parameter	Result	RL	Units	Date	Time	By	Reference
Semi-Volatile Extraction	Completed			10/03/08		O/K	SW3510/3520
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	32	10	ug/L	10/04/08		H/J	SW8021/8260
1,3,5-Trimethylbenzene	29	10	ug/L	10/04/08		H/J	SW8021/8260
Benzene	1200	7.0	ug/L	10/04/08		H/J	SW8021/8260
Ethylbenzene	28	10	ug/L	10/04/08		H/J	SW8021/8260
Isopropylbenzene	24	10	ug/L	10/04/08		H/J	SW8021/8260
m&p-Xylene	160	20	ug/L	10/04/08		H/J	SW8021/8260
Methyl t-butyl ether (MTBE)	26	10	ug/L	10/04/08		H/J	SW8021/8260
Naphthalene	41	10	ug/L	10/04/08		H/J	SW8021/8260
n-Butylbenzene	ND	10	ug/L	10/04/08		H/J	SW8021/8260
n-Propylbenzene	40	10	ug/L	10/04/08		H/J	SW8021/8260
o-Xylene	ND	20	ug/L	10/04/08		H/J	SW8021/8260
p-Isopropyltoluene	ND	10	ug/L	10/04/08		H/J	SW8021/8260
sec-Butylbenzene	ND	10	ug/L	10/04/08		H/J	SW8021/8260
tert-Butylbenzene	ND	10	ug/L	10/04/08		H/J	SW8021/8260
Toluene	31	10	ug/L	10/04/08		H/J	SW8021/8260
Total Xylenes	160	20	ug/L	10/04/08		H/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	10/04/08		H/J	SW8021/8260
% Bromofluorobenzene	91		%	10/04/08		H/J	SW8021/8260
% Dibromofluoromethane	96		%	10/04/08		H/J	SW8021/8260
% Toluene-d8	97		%	10/04/08		H/J	SW8021/8260
Semivolatiles							
Acenaphthene	ND	8	ug/L	10/06/08		HM	SW 8270
Acenaphthylene	ND	10	ug/L	10/06/08		HM	SW 8270
Anthracene	ND	8	ug/L	10/06/08		HM	SW 8270
Benz(a)anthracene	ND	31	ug/L	10/06/08		HM	SW 8270
Benzo(a)pyrene	ND	10	ug/L	10/06/08		HM	SW 8270

Client ID: RETACO MW-12

Phoenix I.D.: AQ85395

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzo(b)fluoranthene	ND	10	ug/L	10/06/08		HM	SW 8270
Benzo(ghi)perylene	ND	10	ug/L	10/06/08		HM	SW 8270
Benzo(k)fluoranthene	ND	10	ug/L	10/06/08		HM	SW 8270
Chrysene	ND	10	ug/L	10/06/08		HM	SW 8270
Dibenz(a,h)anthracene	ND	10	ug/L	10/06/08		HM	SW 8270
Fluoranthene	ND	8	ug/L	10/06/08		HM	SW 8270
Fluorene	ND	8	ug/L	10/06/08		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	10/06/08		HM	SW 8270
Naphthalene	ND	6	ug/L	10/06/08		HM	SW 8270
Phenanthrene	ND	22	ug/L	10/06/08		HM	SW 8270
Pyrene	ND	8	ug/L	10/06/08		HM	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	68		%	10/06/08		HM	SW 8270
% Nitrobenzene-d5	62		%	10/06/08		HM	SW 8270
% Terphenyl-d14	54		%	10/06/08		HM	SW 8270

Comments:

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

October 13, 2008

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH THE nelac NY # 11301

Analysis Report

October 13, 2008

FOR: Attn: Mr Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	09/30/08	0:00
Location Code:	ENVIROTR	Received by:	SW	10/02/08	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAQ85394
Phoenix I.D.: AQ85396

Client ID: RETACO MW-14

Parameter	Result	RL	Units	Date	Time	By	Reference
Semi-Volatile Extraction	Completed			10/03/08		O/K	SW3510/3520
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	11	5.0	ug/L	10/04/08		H/J	SW8021/8260
1,3,5-Trimethylbenzene	ND	5.0	ug/L	10/04/08		H/J	SW8021/8260
Benzene	60	3.5	ug/L	10/04/08		H/J	SW8021/8260
Ethylbenzene	ND	5.0	ug/L	10/04/08		H/J	SW8021/8260
Isopropylbenzene	7.6	5.0	ug/L	10/04/08		H/J	SW8021/8260
m&p-Xylene	ND	10	ug/L	10/04/08		H/J	SW8021/8260
Methyl t-butyl ether (MTBE)	ND	5.0	ug/L	10/04/08		H/J	SW8021/8260
Naphthalene	36	5.0	ug/L	10/04/08		H/J	SW8021/8260
n-Butylbenzene	9.5	5.0	ug/L	10/04/08		H/J	SW8021/8260
n-Propylbenzene	15	5.0	ug/L	10/04/08		H/J	SW8021/8260
o-Xylene	ND	10	ug/L	10/04/08		H/J	SW8021/8260
p-Isopropyltoluene	ND	5.0	ug/L	10/04/08		H/J	SW8021/8260
sec-Butylbenzene	9.3	5.0	ug/L	10/04/08		H/J	SW8021/8260
tert-Butylbenzene	ND	5.0	ug/L	10/04/08		H/J	SW8021/8260
Toluene	ND	5.0	ug/L	10/04/08		H/J	SW8021/8260
Total Xylenes	ND	10	ug/L	10/04/08		H/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	10/04/08		H/J	SW8021/8260
% Bromofluorobenzene	100		%	10/04/08		H/J	SW8021/8260
% Dibromofluoromethane	106		%	10/04/08		H/J	SW8021/8260
% Toluene-d8	98		%	10/04/08		H/J	SW8021/8260
Semivolatiles							
Acenaphthene	75	40	ug/L	10/07/08		KCA	SW 8270
Acenaphthylene	ND	50	ug/L	10/07/08		KCA	SW 8270
Anthracene	ND	40	ug/L	10/07/08		KCA	SW 8270
Benz(a)anthracene	ND	160	ug/L	10/07/08		KCA	SW 8270
Benzo(a)pyrene	ND	50	ug/L	10/07/08		KCA	SW 8270

Client ID: RETACO MW-14

Phoenix I.D.: AQ85396

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzo(b)fluoranthene	ND	50	ug/L	10/07/08		KCA	SW 8270
Benzo(ghi)perylene	ND	50	ug/L	10/07/08		KCA	SW 8270
Benzo(k)fluoranthene	ND	50	ug/L	10/07/08		KCA	SW 8270
Chrysene	ND	50	ug/L	10/07/08		KCA	SW 8270
Dibenz(a,h)anthracene	ND	50	ug/L	10/07/08		KCA	SW 8270
Fluoranthene	ND	40	ug/L	10/07/08		KCA	SW 8270
Fluorene	130	40	ug/L	10/07/08		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	50	ug/L	10/07/08		KCA	SW 8270
Naphthalene	93	30	ug/L	10/07/08		KCA	SW 8270
Phenanthrene	320	110	ug/L	10/07/08		KCA	SW 8270
Pyrene	ND	40	ug/L	10/07/08		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	67		%	10/07/08		KCA	SW 8270
% Nitrobenzene-d5	79		%	10/07/08		KCA	SW 8270
% Terphenyl-d14	34		%	10/07/08		KCA	SW 8270

Comments:

Elevated reporting limits for volatiles due to the presence of non-target compounds.

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

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

Phyllis Shiller, Laboratory Director

October 13, 2008

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

NELAC NY # 11301

Analysis Report

October 13, 2008

FOR: Attn: Mr Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	09/30/08	0:00
Location Code:	ENVIROTR	Received by:	SW	10/02/08	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAQ85394
Phoenix I.D.: AQ85397

Laboratory Data

Client ID: RETACO MW-15

Parameter	Result	RL	Units	Date	Time	By	Reference
Semi-Volatile Extraction	Completed			10/03/08		O/K	SW3510/3520
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	ND	1.0	ug/L	10/08/08		H/J	SW8021/8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	10/08/08		H/J	SW8021/8260
Benzene	ND	0.70	ug/L	10/08/08		H/J	SW8021/8260
Ethylbenzene	ND	1.0	ug/L	10/08/08		H/J	SW8021/8260
Isopropylbenzene	ND	1.0	ug/L	10/08/08		H/J	SW8021/8260
m&p-Xylene	ND	2.0	ug/L	10/08/08		H/J	SW8021/8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	10/08/08		H/J	SW8021/8260
Naphthalene	ND	1.0	ug/L	10/08/08		H/J	SW8021/8260
n-Butylbenzene	ND	1.0	ug/L	10/08/08		H/J	SW8021/8260
n-Propylbenzene	ND	1.0	ug/L	10/08/08		H/J	SW8021/8260
o-Xylene	ND	2.0	ug/L	10/08/08		H/J	SW8021/8260
p-Isopropyltoluene	ND	1.0	ug/L	10/08/08		H/J	SW8021/8260
sec-Butylbenzene	ND	1.0	ug/L	10/08/08		H/J	SW8021/8260
tert-Butylbenzene	ND	1.0	ug/L	10/08/08		H/J	SW8021/8260
Toluene	ND	1.0	ug/L	10/08/08		H/J	SW8021/8260
Total Xylenes	ND	2.0	ug/L	10/08/08		H/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	10/08/08		H/J	SW8021/8260
% Bromofluorobenzene	97		%	10/08/08		H/J	SW8021/8260
% Dibromofluoromethane	94		%	10/08/08		H/J	SW8021/8260
% Toluene-d8	100		%	10/08/08		H/J	SW8021/8260
Semivolatiles							
Acenaphthene	ND	8	ug/L	10/06/08		HM	SW 8270
Acenaphthylene	ND	10	ug/L	10/06/08		HM	SW 8270
Anthracene	ND	8	ug/L	10/06/08		HM	SW 8270
Benz(a)anthracene	ND	31	ug/L	10/06/08		HM	SW 8270
Benzo(a)pyrene	ND	10	ug/L	10/06/08		HM	SW 8270

Client ID: RETACO MW-15

Phoenix I.D.: AQ85397

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzo(b)fluoranthene	ND	10	ug/L	10/06/08		HM	SW 8270
Benzo(ghi)perylene	ND	10	ug/L	10/06/08		HM	SW 8270
Benzo(k)fluoranthene	ND	10	ug/L	10/06/08		HM	SW 8270
Chrysene	ND	10	ug/L	10/06/08		HM	SW 8270
Dibenz(a,h)anthracene	ND	10	ug/L	10/06/08		HM	SW 8270
Fluoranthene	ND	8	ug/L	10/06/08		HM	SW 8270
Fluorene	ND	8	ug/L	10/06/08		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	10/06/08		HM	SW 8270
Naphthalene	ND	6	ug/L	10/06/08		HM	SW 8270
Phenanthrene	ND	22	ug/L	10/06/08		HM	SW 8270
Pyrene	ND	8	ug/L	10/06/08		HM	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	80		%	10/06/08		HM	SW 8270
% Nitrobenzene-d5	69		%	10/06/08		HM	SW 8270
% Terphenyl-d14	47		%	10/06/08		HM	SW 8270

Comments:

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

October 13, 2008

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

NY # 11301

Analysis Report

October 13, 2008

FOR: Attn: Mr Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	09/30/08	0:00
Location Code:	ENVIROTR	Received by:	SW	10/02/08	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAQ85394
Phoenix I.D.: AQ85398

Laboratory Data

Client ID: RETACO A-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	930	20	ug/L	10/03/08		H/J	SW8021/8260
1,3,5-Trimethylbenzene	220	20	ug/L	10/03/08		H/J	SW8021/8260
Benzene	3200	14	ug/L	10/03/08		H/J	SW8021/8260
Ethylbenzene	1100	20	ug/L	10/03/08		H/J	SW8021/8260
Isopropylbenzene	76	1.0	ug/L	10/03/08		H/J	SW8021/8260
m&p-Xylene	2700	40	ug/L	10/03/08		H/J	SW8021/8260
Methyl t-butyl ether (MTBE)	120	1.0	ug/L	10/03/08		H/J	SW8021/8260
Naphthalene	220	20	ug/L	10/03/08		H/J	SW8021/8260
n-Butylbenzene	11	1.0	ug/L	10/03/08		H/J	SW8021/8260
n-Propylbenzene	180	1.0	ug/L	10/03/08		H/J	SW8021/8260
o-Xylene	740	40	ug/L	10/03/08		H/J	SW8021/8260
p-Isopropyltoluene	3.8	1.0	ug/L	10/03/08		H/J	SW8021/8260
sec-Butylbenzene	7.4	1.0	ug/L	10/03/08		H/J	SW8021/8260
tert-Butylbenzene	ND	1.0	ug/L	10/03/08		H/J	SW8021/8260
Toluene	28	1.0	ug/L	10/03/08		H/J	SW8021/8260
Total Xylenes	3400	40	ug/L	10/03/08		H/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	10/03/08		H/J	SW8021/8260
% Bromofluorobenzene	99		%	10/03/08		H/J	SW8021/8260
% Dibromofluoromethane	106		%	10/03/08		H/J	SW8021/8260
% Toluene-d8	100		%	10/03/08		H/J	SW8021/8260

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

October 13, 2008

PHOENIX
Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 13, 2008

FOR: Attn: Mr Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	09/30/08	0:00
Location Code:	ENVIROTR	Received by:	SW	10/02/08	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAQ85394
Phoenix I.D.: AQ85399

Laboratory Data

Client ID: RETACO A-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	200	50	ug/L	10/03/08		H/J	SW8021/8260
1,3,5-Trimethylbenzene	87	1.0	ug/L	10/03/08		H/J	SW8021/8260
Benzene	10000	125	ug/L	10/03/08		H/J	SW8021/8260
Ethylbenzene	320	50	ug/L	10/03/08		H/J	SW8021/8260
Isopropylbenzene	110	1.0	ug/L	10/03/08		H/J	SW8021/8260
m&p-Xylene	430	100	ug/L	10/03/08		H/J	SW8021/8260
Methyl t-butyl ether (MTBE)	120	1.0	ug/L	10/03/08		H/J	SW8021/8260
Naphthalene	410	50	ug/L	10/03/08		H/J	SW8021/8260
n-Butylbenzene	6.5	1.0	ug/L	10/03/08		H/J	SW8021/8260
n-Propylbenzene	76	1.0	ug/L	10/03/08		H/J	SW8021/8260
o-Xylene	150	2.0	ug/L	10/03/08		H/J	SW8021/8260
p-Isopropyltoluene	5.7	1.0	ug/L	10/03/08		H/J	SW8021/8260
sec-Butylbenzene	3.5	1.0	ug/L	10/03/08		H/J	SW8021/8260
tert-Butylbenzene	ND	1.0	ug/L	10/03/08		H/J	SW8021/8260
Toluene	12	1.0	ug/L	10/03/08		H/J	SW8021/8260
Total Xylenes	580	100	ug/L	10/03/08		H/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	10/03/08		H/J	SW8021/8260
% Bromofluorobenzene	92		%	10/03/08		H/J	SW8021/8260
% Dibromofluoromethane	111		%	10/03/08		H/J	SW8021/8260
% Toluene-d8	99		%	10/03/08		H/J	SW8021/8260

Client ID: RETACO A-3 Phoenix I.D.: AQ85399

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

October 13, 2008

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 13, 2008

FOR: Attn: Mr Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	09/30/08	0:00
Location Code:	ENVIROTR	Received by:	SW	10/02/08	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAQ85394
Phoenix I.D.: AQ85400

Laboratory Data

Client ID: RETACO C-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	2.6	1.0	ug/L	10/04/08		H/J	SW8021/8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	10/04/08		H/J	SW8021/8260
Benzene	46	0.70	ug/L	10/04/08		H/J	SW8021/8260
Ethylbenzene	4.0	1.0	ug/L	10/04/08		H/J	SW8021/8260
Isopropylbenzene	1.3	1.0	ug/L	10/04/08		H/J	SW8021/8260
m&p-Xylene	7.5	2.0	ug/L	10/04/08		H/J	SW8021/8260
Methyl t-butyl ether (MTBE)	30	1.0	ug/L	10/04/08		H/J	SW8021/8260
Naphthalene	11	1.0	ug/L	10/04/08		H/J	SW8021/8260
n-Butylbenzene	ND	1.0	ug/L	10/04/08		H/J	SW8021/8260
n-Propylbenzene	ND	1.0	ug/L	10/04/08		H/J	SW8021/8260
o-Xylene	3.2	2.0	ug/L	10/04/08		H/J	SW8021/8260
p-Isopropyltoluene	ND	1.0	ug/L	10/04/08		H/J	SW8021/8260
sec-Butylbenzene	ND	1.0	ug/L	10/04/08		H/J	SW8021/8260
tert-Butylbenzene	ND	1.0	ug/L	10/04/08		H/J	SW8021/8260
Toluene	5.4	1.0	ug/L	10/04/08		H/J	SW8021/8260
Total Xylenes	11	2.0	ug/L	10/04/08		H/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	10/04/08		H/J	SW8021/8260
% Bromofluorobenzene	94		%	10/04/08		H/J	SW8021/8260
% Dibromofluoromethane	102		%	10/04/08		H/J	SW8021/8260
% Toluene-d8	98		%	10/04/08		H/J	SW8021/8260

Client ID: RETACO C-2

Phoenix I.D.: AQ85400

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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Phyllis Shiller, Laboratory Director

October 13, 2008

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NELAC NY # 11301

Analysis Report

October 13, 2008

FOR: Attn: Mr Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	09/30/08	0:00
Location Code:	ENVIROTR	Received by:	SW	10/02/08	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAQ85394
Phoenix I.D.: AQ85401

Laboratory Data

Client ID: RETACO C-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	200	10	ug/L	10/04/08		H/J	SW8021/8260
1,3,5-Trimethylbenzene	90	10	ug/L	10/04/08		H/J	SW8021/8260
Benzene	3100	70	ug/L	10/04/08		H/J	SW8021/8260
Ethylbenzene	840	10	ug/L	10/04/08		H/J	SW8021/8260
Isopropylbenzene	22	10	ug/L	10/04/08		H/J	SW8021/8260
m&p-Xylene	1100	20	ug/L	10/04/08		H/J	SW8021/8260
Methyl t-butyl ether (MTBE)	34	10	ug/L	10/04/08		H/J	SW8021/8260
Naphthalene	3800	100	ug/L	10/04/08		H/J	SW8021/8260
n-Butylbenzene	56	10	ug/L	10/04/08		H/J	SW8021/8260
n-Propylbenzene	ND	10	ug/L	10/04/08		H/J	SW8021/8260
o-Xylene	510	20	ug/L	10/04/08		H/J	SW8021/8260
p-Isopropyltoluene	ND	10	ug/L	10/04/08		H/J	SW8021/8260
sec-Butylbenzene	ND	10	ug/L	10/04/08		H/J	SW8021/8260
tert-Butylbenzene	ND	10	ug/L	10/04/08		H/J	SW8021/8260
Toluene	1500	10	ug/L	10/04/08		H/J	SW8021/8260
Total Xylenes	1600	20	ug/L	10/04/08		H/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	10/04/08		H/J	SW8021/8260
% Bromofluorobenzene	90		%	10/04/08		H/J	SW8021/8260
% Dibromofluoromethane	104		%	10/04/08		H/J	SW8021/8260
% Toluene-d8	97		%	10/04/08		H/J	SW8021/8260

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
October 13, 2008

PHOENIX
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 13, 2008

FOR: Attn: Mr Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	10/01/08	0:00
Location Code:	ENVIROTR	Received by:	SW	10/02/08	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAQ85394
Phoenix I.D.: AQ85402

Laboratory Data

Client ID: RETACO MW-8

Parameter	Result	RL	Units	Date	Time	By	Reference
Semi-Volatile Extraction	Completed			10/03/08		O/K	SW3510/3520
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	2600	50	ug/L	10/03/08		H/J	SW8021/8260
1,3,5-Trimethylbenzene	720	50	ug/L	10/03/08		H/J	SW8021/8260
Benzene	2500	35	ug/L	10/03/08		H/J	SW8021/8260
Ethylbenzene	1800	50	ug/L	10/03/08		H/J	SW8021/8260
Isopropylbenzene	85	50	ug/L	10/03/08		H/J	SW8021/8260
m&p-Xylene	8700	100	ug/L	10/03/08		H/J	SW8021/8260
Methyl t-butyl ether (MTBE)	ND	50	ug/L	10/03/08		H/J	SW8021/8260
Naphthalene	730	50	ug/L	10/03/08		H/J	SW8021/8260
n-Butylbenzene	ND	50	ug/L	10/03/08		H/J	SW8021/8260
n-Propylbenzene	200	50	ug/L	10/03/08		H/J	SW8021/8260
o-Xylene	3800	100	ug/L	10/03/08		H/J	SW8021/8260
p-Isopropyltoluene	ND	50	ug/L	10/03/08		H/J	SW8021/8260
sec-Butylbenzene	ND	50	ug/L	10/03/08		H/J	SW8021/8260
tert-Butylbenzene	ND	50	ug/L	10/03/08		H/J	SW8021/8260
Toluene	3900	50	ug/L	10/03/08		H/J	SW8021/8260
Total Xylenes	12000	100	ug/L	10/03/08		H/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	10/03/08		H/J	SW8021/8260
% Bromofluorobenzene	96		%	10/03/08		H/J	SW8021/8260
% Dibromofluoromethane	107		%	10/03/08		H/J	SW8021/8260
% Toluene-d8	99		%	10/03/08		H/J	SW8021/8260
Semivolatiles							
Acenaphthene	ND	43	ug/L	10/07/08		HM	SW 8270
Acenaphthylene	ND	54	ug/L	10/07/08		HM	SW 8270
Anthracene	ND	43	ug/L	10/07/08		HM	SW 8270
Benz(a)anthracene	ND	170	ug/L	10/07/08		HM	SW 8270
Benzo(a)pyrene	ND	54	ug/L	10/07/08		HM	SW 8270

Client ID: RETACO MW-8

Phoenix I.D.: AQ85402

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzo(b)fluoranthene	ND	54	ug/L	10/07/08		HM	SW 8270
Benzo(ghi)perylene	ND	54	ug/L	10/07/08		HM	SW 8270
Benzo(k)fluoranthene	ND	54	ug/L	10/07/08		HM	SW 8270
Chrysene	ND	54	ug/L	10/07/08		HM	SW 8270
Dibenz(a,h)anthracene	ND	54	ug/L	10/07/08		HM	SW 8270
Fluoranthene	ND	43	ug/L	10/07/08		HM	SW 8270
Fluorene	ND	43	ug/L	10/07/08		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	54	ug/L	10/07/08		HM	SW 8270
Naphthalene	4800	500	ug/L	10/07/08		HM	SW 8270
Phenanthrene	ND	120	ug/L	10/07/08		HM	SW 8270
Pyrene	ND	43	ug/L	10/07/08		HM	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	*Diluted out		%	10/07/08		HM	SW 8270
% Nitrobenzene-d5	*Diluted out		%	10/07/08		HM	SW 8270
% Terphenyl-d14	*Diluted out		%	10/07/08		HM	SW 8270

Comments:

* Due to matrix interference and/or the presence of a large amount of non-target material in the sample an elevated RL was reported for the semivolatile analysis.

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
October 13, 2008

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 13, 2008

FOR: Attn: Mr Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	10/01/08	0:00
Location Code:	ENVIROTR	Received by:	SW	10/02/08	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAQ85394
Phoenix I.D.: AQ85403

Laboratory Data

Client ID: RETACO MW-9

Parameter	Result	RL	Units	Date	Time	By	Reference
Semi-Volatile Extraction	Completed			10/03/08		O/K	SW3510/3520
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	37000	250	ug/L	10/04/08		H/J	SW8021/8260
1,3,5-Trimethylbenzene	11000	250	ug/L	10/04/08		H/J	SW8021/8260
Benzene	4100	180	ug/L	10/04/08		H/J	SW8021/8260
Ethylbenzene	9100	250	ug/L	10/04/08		H/J	SW8021/8260
Isopropylbenzene	1400	250	ug/L	10/04/08		H/J	SW8021/8260
m&p-Xylene	49000	500	ug/L	10/04/08		H/J	SW8021/8260
Methyl t-butyl ether (MTBE)	ND	250	ug/L	10/04/08		H/J	SW8021/8260
Naphthalene	4800	250	ug/L	10/04/08		H/J	SW8021/8260
n-Butylbenzene	1700	250	ug/L	10/04/08		H/J	SW8021/8260
n-Propylbenzene	4500	250	ug/L	10/04/08		H/J	SW8021/8260
o-Xylene	18000	500	ug/L	10/04/08		H/J	SW8021/8260
p-Isopropyltoluene	360	250	ug/L	10/04/08		H/J	SW8021/8260
sec-Butylbenzene	550	250	ug/L	10/04/08		H/J	SW8021/8260
tert-Butylbenzene	ND	250	ug/L	10/04/08		H/J	SW8021/8260
Toluene	14000	250	ug/L	10/04/08		H/J	SW8021/8260
Total Xylenes	67000	500	ug/L	10/04/08		H/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	10/04/08		H/J	SW8021/8260
% Bromofluorobenzene	99		%	10/04/08		H/J	SW8021/8260
% Dibromofluoromethane	99		%	10/04/08		H/J	SW8021/8260
% Toluene-d8	101		%	10/04/08		H/J	SW8021/8260
Semivolatiles							
Acenaphthene	ND	20000	ug/L	10/07/08		KCA	SW 8270
Acenaphthylene	ND	25000	ug/L	10/07/08		KCA	SW 8270
Anthracene	ND	20000	ug/L	10/07/08		KCA	SW 8270
Benz(a)anthracene	ND	78000	ug/L	10/07/08		KCA	SW 8270
Benzo(a)pyrene	ND	25000	ug/L	10/07/08		KCA	SW 8270

Client ID: RETACO MW-9

Phoenix I.D.: AQ85403

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzo(b)fluoranthene	ND	25000	ug/L	10/07/08		KCA	SW 8270
Benzo(ghi)perylene	ND	25000	ug/L	10/07/08		KCA	SW 8270
Benzo(k)fluoranthene	ND	25000	ug/L	10/07/08		KCA	SW 8270
Chrysene	ND	25000	ug/L	10/07/08		KCA	SW 8270
Dibenz(a,h)anthracene	ND	25000	ug/L	10/07/08		KCA	SW 8270
Fluoranthene	ND	20000	ug/L	10/07/08		KCA	SW 8270
Fluorene	ND	20000	ug/L	10/07/08		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	25000	ug/L	10/07/08		KCA	SW 8270
Naphthalene	85000	15000	ug/L	10/07/08		KCA	SW 8270
Phenanthrene	ND	55000	ug/L	10/07/08		KCA	SW 8270
Pyrene	ND	20000	ug/L	10/07/08		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	Diluted Out		%	10/07/08		KCA	SW 8270
% Nitrobenzene-d5	Diluted Out		%	10/07/08		KCA	SW 8270
% Terphenyl-d14	Diluted Out		%	10/07/08		KCA	SW 8270

Comments:

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

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

Phyllis Shiller, Laboratory Director

October 13, 2008

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 13, 2008

FOR: Attn: Mr Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	10/01/08	0:00
Location Code:	ENVIROTR	Received by:	SW	10/02/08	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAQ85394
Phoenix I.D.: AQ85404

Laboratory Data

Client ID: RETACO MW-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	14	1.0	ug/L	10/03/08		H/J	SW8021/8260
1,3,5-Trimethylbenzene	7.4	1.0	ug/L	10/03/08		H/J	SW8021/8260
Benzene	2000	35.0	ug/L	10/03/08		H/J	SW8021/8260
Ethylbenzene	40	1.0	ug/L	10/03/08		H/J	SW8021/8260
Isopropylbenzene	44	1.0	ug/L	10/03/08		H/J	SW8021/8260
m&p-Xylene	69	2.0	ug/L	10/03/08		H/J	SW8021/8260
Methyl t-butyl ether (MTBE)	51	1.0	ug/L	10/03/08		H/J	SW8021/8260
Naphthalene	15	1.0	ug/L	10/03/08		H/J	SW8021/8260
n-Butylbenzene	3.2	1.0	ug/L	10/03/08		H/J	SW8021/8260
n-Propylbenzene	52	1.0	ug/L	10/03/08		H/J	SW8021/8260
o-Xylene	10	2.0	ug/L	10/03/08		H/J	SW8021/8260
p-Isopropyltoluene	ND	1.0	ug/L	10/03/08		H/J	SW8021/8260
sec-Butylbenzene	2.4	1.0	ug/L	10/03/08		H/J	SW8021/8260
tert-Butylbenzene	ND	1.0	ug/L	10/03/08		H/J	SW8021/8260
Toluene	20	1.0	ug/L	10/03/08		H/J	SW8021/8260
Total Xylenes	79	2.0	ug/L	10/03/08		H/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	10/03/08		H/J	SW8021/8260
% Bromofluorobenzene	94		%	10/03/08		H/J	SW8021/8260
% Dibromofluoromethane	104		%	10/03/08		H/J	SW8021/8260
% Toluene-d8	98		%	10/03/08		H/J	SW8021/8260

Client ID: RETACO MW-3 Phoenix I.D.: AQ85404

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

October 13, 2008

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 13, 2008

FOR: Attn: Mr Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	10/01/08	0:00
Location Code:	ENVIROTR	Received by:	SW	10/02/08	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAQ85394
Phoenix I.D.: AQ85405

Laboratory Data

Client ID: RETACO MW-4

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	ND	1.0	ug/L	10/04/08		H/J	SW8021/8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	10/04/08		H/J	SW8021/8260
Benzene	550	7.0	ug/L	10/04/08		H/J	SW8021/8260
Ethylbenzene	ND	1.0	ug/L	10/04/08		H/J	SW8021/8260
Isopropylbenzene	16	1.0	ug/L	10/04/08		H/J	SW8021/8260
m&p-Xylene	6.0	2.0	ug/L	10/04/08		H/J	SW8021/8260
Methyl t-butyl ether (MTBE)	15	1.0	ug/L	10/04/08		H/J	SW8021/8260
Naphthalene	5.2	1.0	ug/L	10/04/08		H/J	SW8021/8260
n-Butylbenzene	ND	1.0	ug/L	10/04/08		H/J	SW8021/8260
n-Propylbenzene	12	1.0	ug/L	10/04/08		H/J	SW8021/8260
o-Xylene	ND	2.0	ug/L	10/04/08		H/J	SW8021/8260
p-Isopropyltoluene	ND	1.0	ug/L	10/04/08		H/J	SW8021/8260
sec-Butylbenzene	ND	1.0	ug/L	10/04/08		H/J	SW8021/8260
tert-Butylbenzene	ND	1.0	ug/L	10/04/08		H/J	SW8021/8260
Toluene	1.8	1.0	ug/L	10/04/08		H/J	SW8021/8260
Total Xylenes	6.0	2.0	ug/L	10/04/08		H/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	10/04/08		H/J	SW8021/8260
% Bromofluorobenzene	93		%	10/04/08		H/J	SW8021/8260
% Dibromofluoromethane	104		%	10/04/08		H/J	SW8021/8260
% Toluene-d8	97		%	10/04/08		H/J	SW8021/8260

Client ID: RETACO MW-4 Phoenix I.D.: AQ85405

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

Phyllis Shiller, Laboratory Director

October 13, 2008

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 13, 2008

FOR: Attn: Mr Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	10/01/08	0:00
Location Code:	ENVIROTR	Received by:	SW	10/02/08	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAQ85394
Phoenix I.D.: AQ85406

Laboratory Data

Client ID: RETACO B-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	220	10	ug/L	10/04/08		H/J	SW8021/8260
1,3,5-Trimethylbenzene	57	1.0	ug/L	10/04/08		H/J	SW8021/8260
Benzene	490	7.0	ug/L	10/04/08		H/J	SW8021/8260
Ethylbenzene	91	1.0	ug/L	10/04/08		H/J	SW8021/8260
Isopropylbenzene	11	1.0	ug/L	10/04/08		H/J	SW8021/8260
m&p-Xylene	500	20	ug/L	10/04/08		H/J	SW8021/8260
Methyl t-butyl ether (MTBE)	30	1.0	ug/L	10/04/08		H/J	SW8021/8260
Naphthalene	40	1.0	ug/L	10/04/08		H/J	SW8021/8260
n-Butylbenzene	ND	1.0	ug/L	10/04/08		H/J	SW8021/8260
n-Propylbenzene	13	1.0	ug/L	10/04/08		H/J	SW8021/8260
o-Xylene	240	20	ug/L	10/04/08		H/J	SW8021/8260
p-Isopropyltoluene	ND	1.0	ug/L	10/04/08		H/J	SW8021/8260
sec-Butylbenzene	ND	1.0	ug/L	10/04/08		H/J	SW8021/8260
tert-Butylbenzene	ND	1.0	ug/L	10/04/08		H/J	SW8021/8260
Toluene	74	1.0	ug/L	10/04/08		H/J	SW8021/8260
Total Xylenes	740	20	ug/L	10/04/08		H/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	10/04/08		H/J	SW8021/8260
% Bromofluorobenzene	93		%	10/04/08		H/J	SW8021/8260
% Dibromofluoromethane	103		%	10/04/08		H/J	SW8021/8260
% Toluene-d8	99		%	10/04/08		H/J	SW8021/8260

Client ID: RETACO B-2 Phoenix I.D.: AQ85406

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

October 13, 2008

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

NY # 11301

Analysis Report

October 13, 2008

FOR: Attn: Mr Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	10/01/08	0:00
Location Code:	ENVIROTR	Received by:	SW	10/02/08	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAQ85394
Phoenix I.D.: AQ85407

Laboratory Data

Client ID: RETACO B-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	20	1.0	ug/L	10/03/08		H/J	SW8021/8260
1,3,5-Trimethylbenzene	8.4	1.0	ug/L	10/03/08		H/J	SW8021/8260
Benzene	3400	35	ug/L	10/03/08		H/J	SW8021/8260
Ethylbenzene	56	1.0	ug/L	10/03/08		H/J	SW8021/8260
Isopropylbenzene	59	1.0	ug/L	10/03/08		H/J	SW8021/8260
m&p-Xylene	72	2.0	ug/L	10/03/08		H/J	SW8021/8260
Methyl t-butyl ether (MTBE)	81	1.0	ug/L	10/03/08		H/J	SW8021/8260
Naphthalene	120	1.0	ug/L	10/03/08		H/J	SW8021/8260
n-Butylbenzene	2.7	1.0	ug/L	10/03/08		H/J	SW8021/8260
n-Propylbenzene	51	1.0	ug/L	10/03/08		H/J	SW8021/8260
o-Xylene	24	2.0	ug/L	10/03/08		H/J	SW8021/8260
p-Isopropyltoluene	ND	1.0	ug/L	10/03/08		H/J	SW8021/8260
sec-Butylbenzene	2.2	1.0	ug/L	10/03/08		H/J	SW8021/8260
tert-Butylbenzene	ND	1.0	ug/L	10/03/08		H/J	SW8021/8260
Toluene	24	1.0	ug/L	10/03/08		H/J	SW8021/8260
Total Xylenes	96	2.0	ug/L	10/03/08		H/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	10/03/08		H/J	SW8021/8260
% Bromofluorobenzene	92		%	10/03/08		H/J	SW8021/8260
% Dibromofluoromethane	108		%	10/03/08		H/J	SW8021/8260
% Toluene-d8	99		%	10/03/08		H/J	SW8021/8260

Client ID: RETACO B-3 Phoenix I.D.: AQ85407

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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
October 13, 2008

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

October 13, 2008

QA/QC Data

SDG I.D.: GAQ85394

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 112012, QC Sample No: AQ83887 (AQ85399)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	103	120	15.2	110	105	4.7
1,1,1-Trichloroethane	ND	95	108	12.8	97	95	2.1
1,1,2,2-Tetrachloroethane	ND	81	91	11.6	90	92	2.2
1,1,2-Trichloroethane	ND	96	109	12.7	108	103	4.7
1,1-Dichloroethane	ND	89	100	11.6	92	90	2.2
1,1-Dichloroethene	ND	109	124	12.9	113	113	0.0
1,1-Dichloropropene	ND	99	115	15.0	107	102	4.8
1,2,3-Trichlorobenzene	ND	86	105	19.9	89	90	1.1
1,2,3-Trichloropropane	ND	86	96	11.0	86	95	9.9
1,2,4-Trichlorobenzene	ND	87	105	18.8	89	86	3.4
1,2,4-Trimethylbenzene	ND	91	103	12.4	91	88	3.4
1,2-Dibromo-3-chloropropane	ND	96	107	10.8	101	107	5.8
1,2-Dichlorobenzene	ND	91	104	13.3	93	93	0.0
1,2-Dichloroethane	ND	95	102	7.1	95	91	4.3
1,2-Dichloropropane	ND	89	99	10.6	93	88	5.5
1,3,5-Trimethylbenzene	ND	90	102	12.5	89	88	1.1
1,3-Dichlorobenzene	ND	93	105	12.1	93	95	2.1
1,3-Dichloropropane	ND	91	103	12.4	98	99	1.0
1,4-Dichlorobenzene	ND	89	102	13.6	92	91	1.1
2,2-Dichloropropane	ND	88	100	12.8	87	86	1.2
2-Chlorotoluene	ND	94	103	9.1	95	92	3.2
2-Hexanone	ND	83	84	1.2	83	78	6.2
2-Isopropyltoluene	ND	93	103	10.2	93	93	0.0
4-Chlorotoluene	ND	92	103	11.3	92	91	1.1
4-Methyl-2-pentanone	ND	87	98	11.9	98	99	1.0
Acetone	ND	81	74	9.0	68	74	8.5
Acrolein	ND	94	114	19.2	110	114	3.6
Acrylonitrile	ND	81	93	13.8	94	93	1.1
Benzene	ND	91	103	12.4	96	94	2.1
Bromobenzene	ND	94	105	11.1	97	96	1.0
Bromochloromethane	ND	97	112	14.4	106	104	1.9
Bromodichloromethane	ND	97	116	17.8	102	98	4.0
Bromoform	ND	112	129	14.1	116	120	3.4
Bromomethane	ND	81	>130	NC	81	92	12.7
Carbon Disulfide	ND	110	127	14.3	110	109	0.9
Carbon tetrachloride	ND	104	118	12.6	100	99	1.0
Chlorobenzene	ND	94	107	12.9	100	99	1.0
Chloroethane	ND	97	117	18.7	99	102	3.0

QA/QC Data

SDG I.D.: GAQ85394

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Chloroform	ND	93	106	13.1	96	95	1.0
Chloromethane	ND	87	106	19.7	75	80	6.5
cis-1,2-Dichloroethene	ND	96	108	11.8	102	99	3.0
cis-1,3-Dichloropropene	ND	92	107	15.1	99	96	3.1
Dibromochloromethane	ND	102	120	16.2	109	110	0.9
Dibromoethane	ND	102	116	12.8	111	110	0.9
Dibromomethane	ND	95	108	12.8	101	100	1.0
Dichlorodifluoromethane	ND	95	111	15.5	64	65	1.6
Ethylbenzene	ND	95	109	13.7	101	97	4.0
Hexachlorobutadiene	ND	96	105	9.0	93	92	1.1
Isopropylbenzene	ND	92	100	8.3	94	92	2.2
m&p-Xylene	ND	97	110	12.6	103	100	3.0
Methyl ethyl ketone	ND	<70	<70	NC	74	76	2.7
Methyl t-butyl ether (MTBE)	ND	100	117	15.7	111	109	1.8
Methylene chloride	ND	93	109	15.8	100	103	3.0
Naphthalene	ND	88	98	10.8	112	94	17.5
n-Butylbenzene	ND	86	98	13.0	84	83	1.2
n-Propylbenzene	ND	93	102	9.2	93	92	1.1
o-Xylene	ND	97	111	13.5	101	101	0.0
p-Isopropyltoluene	ND	95	106	10.9	93	90	3.3
sec-Butylbenzene	ND	89	98	9.6	88	89	1.1
Styrene	ND	97	111	13.5	102	102	0.0
tert-Butylbenzene	ND	93	104	11.2	96	94	2.1
Tetrachloroethene	ND	102	114	11.1	103	100	3.0
Tetrahydrofuran (THF)	ND	78	97	21.7	93	99	6.3
Toluene	ND	97	109	11.7	100	99	1.0
trans-1,2-Dichloroethene	ND	110	128	15.1	114	112	1.8
trans-1,3-Dichloropropene	ND	95	112	16.4	100	99	1.0
trans-1,4-dichloro-2-butene	ND	88	107	19.5	91	100	9.4
Trichloroethene	ND	102	112	9.3	106	101	4.8
Trichlorofluoromethane	ND	106	121	13.2	99	100	1.0
Trichlorotrifluoroethane	ND	111	>130	NC	117	115	1.7
Vinyl chloride	ND	97	112	14.4	91	91	0.0
% 1,2-dichlorobenzene-d4	106	99	100	1.0	100	101	1.0
% Bromofluorobenzene	92	94	97	3.1	97	98	1.0
% Dibromofluoromethane	107	112	104	7.4	108	106	1.9
% Toluene-d8	98	101	101	0.0	100	99	1.0

QA/QC Batch 111941, QC Sample No: AQ84685 (aq85394, aq85402, aq85403)

Volatiles

1,1,1,2-Tetrachloroethane	ND	116	109	6.2	102	105	2.9
1,1,1-Trichloroethane	ND	106	106	0.0	93	95	2.1
1,1,2,2-Tetrachloroethane	ND	91	87	4.5	85	91	6.8
1,1,2-Trichloroethane	ND	106	108	1.9	94	103	9.1
1,1-Dichloroethane	ND	96	95	1.0	86	88	2.3
1,1-Dichloroethene	ND	110	106	3.7	103	106	2.9
1,1-Dichloropropene	ND	106	107	0.9	100	107	6.8
1,2,3-Trichlorobenzene	ND	100	105	4.9	89	101	12.6
1,2,3-Trichloropropane	ND	115	98	16.0	79	91	14.1

QA/QC Data

SDG I.D.: GAQ85394

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,2,4-Trichlorobenzene	ND	101	104	2.9	88	98	10.8
1,2,4-Trimethylbenzene	ND	99	96	3.1	84	90	6.9
1,2-Dibromo-3-chloropropane	ND	111	110	0.9	92	101	9.3
1,2-Dichlorobenzene	ND	104	100	3.9	90	95	5.4
1,2-Dichloroethane	ND	119	115	3.4	94	100	6.2
1,2-Dichloropropane	ND	95	96	1.0	88	93	5.5
1,3,5-Trimethylbenzene	ND	99	96	3.1	84	88	4.7
1,3-Dichlorobenzene	ND	106	101	4.8	89	95	6.5
1,3-Dichloropropane	ND	100	97	3.0	91	95	4.3
1,4-Dichlorobenzene	ND	101	99	2.0	88	94	6.6
2,2-Dichloropropane	ND	96	93	3.2	84	83	1.2
2-Chlorotoluene	ND	103	97	6.0	91	94	3.2
2-Hexanone	ND	101	110	8.5	73	74	1.4
2-Isopropyltoluene	ND	98	95	3.1	86	89	3.4
4-Chlorotoluene	ND	100	98	2.0	90	94	4.3
4-Methyl-2-pentanone	ND	111	110	0.9	85	97	13.2
Acetone	ND	94	107	12.9	46	52	12.2
Acrolein	ND	112	106	5.5	60	66	9.5
Acrylonitrile	ND	95	94	1.1	78	85	8.6
Benzene	ND	98	98	0.0	91	95	4.3
Bromobenzene	ND	108	104	3.8	94	98	4.2
Bromochloromethane	ND	104	103	1.0	93	97	4.2
Bromodichloromethane	ND	115	115	0.0	94	101	7.2
Bromoform	ND	>130	127	NC	109	116	6.2
Bromomethane	ND	95	<70	NC	67	98	37.6
Carbon Disulfide	ND	112	109	2.7	100	104	3.9
Carbon tetrachloride	ND	121	116	4.2	101	105	3.9
Chlorobenzene	ND	102	98	4.0	95	98	3.1
Chloroethane	ND	109	103	5.7	93	99	6.3
Chloroform	ND	101	102	1.0	92	95	3.2
Chloromethane	ND	109	99	9.6	76	85	11.2
cis-1,2-Dichloroethene	ND	98	99	1.0	93	94	1.1
cis-1,3-Dichloropropene	ND	100	95	5.1	85	97	13.2
Dibromochloromethane	ND	116	110	5.3	101	107	5.8
Dibromoethane	ND	118	114	3.4	100	108	7.7
Dibromomethane	ND	106	106	0.0	94	100	6.2
Dichlorodifluoromethane	ND	116	113	2.6	72	78	8.0
Ethylbenzene	ND	105	99	5.9	95	96	1.0
Hexachlorobutadiene	ND	109	110	0.9	94	97	3.1
Isopropylbenzene	ND	94	93	1.1	91	93	2.2
m&p-Xylene	ND	106	100	5.8	93	96	3.2
Methyl ethyl ketone	ND	83	103	21.5	55	61	10.3
Methyl t-butyl ether (MTBE)	ND	112	112	0.0	98	105	6.9
Methylene chloride	ND	99	96	3.1	91	98	7.4
Naphthalene	ND	92	107	15.1	93	98	5.2
n-Butylbenzene	ND	96	95	1.0	84	89	5.8
n-Propylbenzene	ND	99	94	5.2	89	92	3.3
o-Xylene	ND	106	99	6.8	92	97	5.3
p-Isopropyltoluene	ND	101	96	5.1	86	91	5.6

QA/QC Data

SDG I.D.: GAQ85394

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
sec-Butylbenzene	ND	98	92	6.3	88	92	4.4
Styrene	ND	110	102	7.5	87	93	6.7
tert-Butylbenzene	ND	98	95	3.1	91	94	3.2
Tetrachloroethene	ND	113	111	1.8	104	104	0.0
Tetrahydrofuran (THF)	ND	94	96	2.1	77	81	5.1
Toluene	ND	103	102	1.0	93	101	8.2
trans-1,2-Dichloroethene	ND	113	110	2.7	103	105	1.9
trans-1,3-Dichloropropene	ND	108	102	5.7	87	100	13.9
trans-1,4-dichloro-2-butene	ND	100	94	6.2	75	90	18.2
Trichloroethene	ND	108	108	0.0	96	104	8.0
Trichlorofluoromethane	ND	>130	127	NC	102	102	0.0
Trichlorotrifluoroethane	ND	126	122	3.2	108	111	2.7
Vinyl chloride	ND	102	95	7.1	82	91	10.4
% 1,2-dichlorobenzene-d4	106	103	102	1.0	101	101	0.0
% Bromofluorobenzene	90	97	96	1.0	98	97	1.0
% Dibromofluoromethane	113	105	115	9.1	109	101	7.6
% Toluene-d8	95	99	98	1.0	98	102	4.0

QA/QC Batch 111712, QC Sample No: AQ85018 (AQ85395, AQ85396, AQ85397, AQ85402, AQ85403)

Polynuclear Aromatic HC

2-Methylnaphthalene	ND	81	83	2.4			
Acenaphthene	ND	81	81	0.0			
Acenaphthylene	ND	73	77	5.3			
Anthracene	ND	90	86	4.5			
Benz(a)anthracene	ND	89	87	2.3			
Benzo(a)pyrene	ND	81	76	6.4			
Benzo(b)fluoranthene	ND	90	83	8.1			
Benzo(ghi)perylene	ND	83	76	8.8			
Benzo(k)fluoranthene	ND	89	85	4.6			
Chrysene	ND	90	85	5.7			
Dibenz(a,h)anthracene	ND	87	79	9.6			
Fluoranthene	ND	111	97	13.5			
Fluorene	ND	85	87	2.3			
Indeno(1,2,3-cd)pyrene	ND	87	78	10.9			
Naphthalene	ND	79	81	2.5			
Phenanthrene	ND	88	86	2.3			
Pyrene	ND	102	88	14.7			
% 2-Fluorobiphenyl	73	78	76	2.6			
% Nitrobenzene-d5	61	67	72	7.2			
% Terphenyl-d14	52	87	68	24.5			

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 112006, QC Sample No: AQ85019 (AQ85401, AQ85404, AQ85405, AQ85406, AQ85407)

Volatiles

1,1,1,2-Tetrachloroethane	ND	101	103	2.0	112	111	0.9
1,1,1-Trichloroethane	ND	94	92	2.2	104	104	0.0
1,1,2,2-Tetrachloroethane	ND	77	84	8.7	88	93	5.5
1,1,2-Trichloroethane	ND	88	98	10.8	103	109	5.7
1,1-Dichloroethane	ND	85	84	1.2	97	96	1.0

QA/QC Data

SDG I.D.: GAQ85394

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,1-Dichloroethene	ND	101	105	3.9	115	117	1.7
1,1-Dichloropropene	ND	93	98	5.2	111	109	1.8
1,2,3-Trichlorobenzene	ND	94	100	6.2	105	107	1.9
1,2,3-Trichloropropane	ND	83	101	19.6	86	89	3.4
1,2,4-Trichlorobenzene	ND	98	99	1.0	99	103	4.0
1,2,4-Trimethylbenzene	ND	90	91	1.1	99	97	2.0
1,2-Dibromo-3-chloropropane	ND	99	122	20.8	99	109	9.6
1,2-Dichlorobenzene	ND	86	94	8.9	97	101	4.0
1,2-Dichloroethane	ND	89	94	5.5	98	101	3.0
1,2-Dichloropropane	ND	82	85	3.6	93	96	3.2
1,3,5-Trimethylbenzene	ND	88	88	0.0	99	99	0.0
1,3-Dichlorobenzene	ND	91	96	5.3	100	102	2.0
1,3-Dichloropropane	ND	86	90	4.5	96	97	1.0
1,4-Dichlorobenzene	ND	89	91	2.2	96	100	4.1
2,2-Dichloropropane	ND	91	91	0.0	96	100	4.1
2-Chlorotoluene	ND	88	91	3.4	99	104	4.9
2-Hexanone	ND	88	113	24.9	83	89	7.0
2-Isopropyltoluene	ND	88	90	2.2	101	102	1.0
4-Chlorotoluene	ND	90	94	4.3	98	101	3.0
4-Methyl-2-pentanone	ND	81	105	25.8	86	96	11.0
Acetone	ND	88	115	26.6	89	97	8.6
Acrolein	ND	89	109	20.2	103	113	9.3
Acrylonitrile	ND	75	88	16.0	86	91	5.6
Benzene	ND	85	89	4.6	96	100	4.1
Bromobenzene	ND	91	94	3.2	102	105	2.9
Bromochloromethane	ND	91	96	5.3	108	106	1.9
Bromodichloromethane	ND	98	105	6.9	106	105	0.9
Bromoform	ND	111	124	11.1	116	123	5.9
Bromomethane	ND	78	114	37.5	88	120	30.8
Carbon Disulfide	ND	105	104	1.0	117	116	0.9
Carbon tetrachloride	ND	103	107	3.8	111	111	0.0
Chlorobenzene	ND	91	93	2.2	105	104	1.0
Chloroethane	ND	90	96	6.5	103	108	4.7
Chloroform	ND	88	87	1.1	103	102	1.0
Chloromethane	ND	82	86	4.8	77	83	7.5
cis-1,2-Dichloroethene	ND	90	90	0.0	104	104	0.0
cis-1,3-Dichloropropene	ND	93	97	4.2	100	107	6.8
Dibromochloromethane	ND	101	108	6.7	112	114	1.8
Dibromoethane	ND	92	109	16.9	104	115	10.0
Dibromomethane	ND	87	99	12.9	101	104	2.9
Dichlorodifluoromethane	ND	89	93	4.4	68	72	5.7
Ethylbenzene	ND	92	94	2.2	101	102	1.0
Hexachlorobutadiene	ND	94	94	0.0	102	104	1.9
Isopropylbenzene	ND	87	88	1.1	102	101	1.0
m&p-Xylene	ND	93	95	2.1	103	104	1.0
Methyl ethyl ketone	ND	74	96	25.9	80	87	8.4
Methyl t-butyl ether (MTBE)	ND	99	110	10.5	105	114	8.2
Methylene chloride	ND	91	91	0.0	102	106	3.8
Naphthalene	ND	95	96	1.0	107	102	4.8

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
n-Butylbenzene	ND	85	87	2.3	93	93	0.0
n-Propylbenzene	ND	92	91	1.1	99	102	3.0
o-Xylene	ND	91	95	4.3	105	103	1.9
p-Isopropyltoluene	ND	93	92	1.1	100	101	1.0
sec-Butylbenzene	ND	86	86	0.0	97	98	1.0
Styrene	ND	92	97	5.3	103	104	1.0
tert-Butylbenzene	ND	90	89	1.1	103	102	1.0
Tetrachloroethene	ND	97	97	0.0	110	105	4.7
Tetrahydrofuran (THF)	ND	72	86	17.7	84	90	6.9
Toluene	ND	90	95	5.4	102	104	1.9
trans-1,2-Dichloroethene	ND	105	105	0.0	118	120	1.7
trans-1,3-Dichloropropene	ND	95	107	11.9	101	111	9.4
trans-1,4-dichloro-2-butene	ND	88	112	24.0	92	106	14.1
Trichloroethene	ND	97	98	1.0	109	113	3.6
Trichlorofluoromethane	ND	103	104	1.0	108	110	1.8
Trichlorotrifluoroethane	ND	108	111	2.7	124	124	0.0
Vinyl chloride	ND	89	91	2.2	91	97	6.4
% 1,2-dichlorobenzene-d4	101	97	104	7.0	99	102	3.0
% Bromofluorobenzene	93	97	98	1.0	94	94	0.0
% Dibromofluoromethane	106	104	100	3.9	104	110	5.6
% Toluene-d8	101	98	102	4.0	99	100	1.0

QA/QC Batch 111942, QC Sample No: AQ85175 (aq85398, aq85399, aq85400, aq85404, aq85407)

Volatiles

1,1,1,2-Tetrachloroethane	ND	103	94	9.1	108	116	7.1
1,1,1-Trichloroethane	ND	99	87	12.9	97	101	4.0
1,1,2,2-Tetrachloroethane	ND	88	78	12.0	91	100	9.4
1,1,2-Trichloroethane	ND	103	93	10.2	104	109	4.7
1,1-Dichloroethane	ND	94	84	11.2	92	97	5.3
1,1-Dichloroethene	ND	106	100	5.8	113	117	3.5
1,1-Dichloropropene	ND	105	93	12.1	108	109	0.9
1,2,3-Trichlorobenzene	ND	102	85	18.2	96	107	10.8
1,2,3-Trichloropropane	ND	98	91	7.4	98	95	3.1
1,2,4-Trichlorobenzene	ND	97	80	19.2	93	99	6.3
1,2,4-Trimethylbenzene	ND	96	82	15.7	94	98	4.2
1,2-Dibromo-3-chloropropane	ND	109	100	8.6	106	113	6.4
1,2-Dichlorobenzene	ND	99	85	15.2	95	102	7.1
1,2-Dichloroethane	ND	100	89	11.6	94	98	4.2
1,2-Dichloropropane	ND	93	85	9.0	95	99	4.1
1,3,5-Trimethylbenzene	ND	95	82	14.7	93	98	5.2
1,3-Dichlorobenzene	ND	98	86	13.0	96	101	5.1
1,3-Dichloropropane	ND	94	85	10.1	97	105	7.9
1,4-Dichlorobenzene	ND	94	81	14.9	95	98	3.1
2,2-Dichloropropane	ND	86	77	11.0	84	86	2.4
2-Chlorotoluene	ND	101	86	16.0	96	103	7.0
2-Hexanone	ND	80	78	2.5	77	83	7.5
2-Isopropyltoluene	ND	95	83	13.5	93	97	4.2
4-Chlorotoluene	ND	96	84	13.3	92	99	7.3
4-Methyl-2-pentanone	ND	96	89	7.6	93	96	3.2

QA/QC Data

SDG I.D.: GAQ85394

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
Acetone	ND	73	<70	NC	62	59	5.0	
Acrolein	ND	97	96	1.0	105	104	1.0	
Acrylonitrile	ND	88	82	7.1	90	95	5.4	
Benzene	ND	98	85	14.2	100	102	2.0	
Bromobenzene	ND	102	87	15.9	97	105	7.9	
Bromochloromethane	ND	103	91	12.4	106	109	2.8	
Bromodichloromethane	ND	105	94	11.1	101	104	2.9	
Bromoform	ND	111	105	5.6	119	122	2.5	
Bromomethane	ND	89	100	11.6	106	56	61.7	3
Carbon Disulfide	ND	111	101	9.4	116	119	2.6	
Carbon tetrachloride	ND	104	95	9.0	102	105	2.9	
Chlorobenzene	ND	98	88	10.8	101	105	3.9	
Chloroethane	ND	100	94	6.2	105	134	24.3	
Chloroform	ND	98	85	14.2	97	102	5.0	
Chloromethane	ND	92	89	3.3	88	85	3.5	
cis-1,2-Dichloroethene	ND	101	88	13.8	102	108	5.7	
cis-1,3-Dichloropropene	ND	90	84	6.9	95	98	3.1	
Dibromochloromethane	ND	106	95	10.9	110	118	7.0	
Dibromoethane	ND	109	98	10.6	110	112	1.8	
Dibromomethane	ND	101	90	11.5	102	105	2.9	
Dichlorodifluoromethane	ND	105	97	7.9	78	80	2.5	
Ethylbenzene	ND	96	87	9.8	100	103	3.0	
Hexachlorobutadiene	ND	100	83	18.6	94	100	6.2	
Isopropylbenzene	ND	96	81	16.9	95	101	6.1	
m&p-Xylene	ND	96	89	7.6	100	104	3.9	
Methyl ethyl ketone	ND	73	<70	NC	61	70	13.7	
Methyl t-butyl ether (MTBE)	ND	104	95	9.0	103	104	1.0	
Methylene chloride	ND	98	92	6.3	107	105	1.9	
Naphthalene	ND	110	86	24.5	95	117	20.8	
n-Butylbenzene	ND	90	75	18.2	87	94	7.7	
n-Propylbenzene	ND	96	85	12.2	92	100	8.3	
o-Xylene	ND	98	88	10.8	102	102	0.0	
p-Isopropyltoluene	ND	98	82	17.8	93	99	6.3	
sec-Butylbenzene	ND	95	82	14.7	93	98	5.2	
Styrene	ND	99	91	8.4	103	105	1.9	
tert-Butylbenzene	ND	96	85	12.2	94	100	6.2	
Tetrachloroethene	ND	103	91	12.4	103	109	5.7	
Tetrahydrofuran (THF)	ND	88	82	7.1	88	94	6.6	
Toluene	ND	100	88	12.8	103	104	1.0	
trans-1,2-Dichloroethene	ND	113	103	9.3	113	114	0.9	
trans-1,3-Dichloropropene	ND	94	87	7.7	97	97	0.0	
trans-1,4-dichloro-2-butene	ND	84	84	0.0	86	90	4.5	
Trichloroethene	ND	105	93	12.1	108	110	1.8	
Trichlorofluoromethane	ND	109	99	9.6	103	103	0.0	
Trichlorotrifluoroethane	ND	117	108	8.0	114	112	1.8	
Vinyl chloride	ND	99	92	7.3	98	96	2.1	
% 1,2-dichlorobenzene-d4	101	104	103	1.0	99	103	4.0	
% Bromofluorobenzene	87	93	96	3.2	94	96	2.1	
% Dibromofluoromethane	104	110	107	2.8	105	104	1.0	

QA/QC Data

SDG I.D.: GAQ85394

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
% Toluene-d8	98	100	101	1.0	99	96	3.1
QA/QC Batch 111923, QC Sample No: AQ85397 (aq85397)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	92	106	14.1	107	114	6.3
1,1,1-Trichloroethane	ND	85	99	15.2	97	102	5.0
1,1,2,2-Tetrachloroethane	ND	78	91	15.4	89	97	8.6
1,1,2-Trichloroethane	ND	88	103	15.7	102	106	3.8
1,1-Dichloroethane	ND	83	95	13.5	94	98	4.2
1,1-Dichloroethene	ND	95	115	19.0	112	121	7.7
1,1-Dichloropropene	ND	93	105	12.1	106	111	4.6
1,2,3-Trichlorobenzene	ND	92	105	13.2	98	106	7.8
1,2,3-Trichloropropane	ND	81	101	22.0	83	86	3.6
1,2,4-Trichlorobenzene	ND	88	102	14.7	95	106	10.9
1,2,4-Trimethylbenzene	ND	84	96	13.3	93	102	9.2
1,2-Dibromo-3-chloropropane	ND	86	108	22.7	97	108	10.7
1,2-Dichlorobenzene	ND	85	97	13.2	94	104	10.1
1,2-Dichloroethane	ND	83	97	15.6	94	97	3.1
1,2-Dichloropropane	ND	83	93	11.4	94	98	4.2
1,3,5-Trimethylbenzene	ND	84	95	12.3	93	101	8.2
1,3-Dichlorobenzene	ND	88	102	14.7	96	106	9.9
1,3-Dichloropropane	ND	83	94	12.4	96	102	6.1
1,4-Dichlorobenzene	ND	85	98	14.2	95	102	7.1
2,2-Dichloropropane	ND	81	96	16.9	89	96	7.6
2-Chlorotoluene	ND	86	97	12.0	97	105	7.9
2-Hexanone	ND	87	99	12.9	66	81	20.4
2-Isopropyltoluene	ND	84	95	12.3	92	101	9.3
4-Chlorotoluene	ND	88	98	10.8	97	105	7.9
4-Methyl-2-pentanone	ND	82	96	15.7	88	95	7.7
Acetone	ND	87	105	18.8	46	54	16.0
Acrolein	ND	85	106	22.0	78	88	12.0
Acrylonitrile	ND	75	92	20.4	84	92	9.1
Benzene	ND	86	100	15.1	98	101	3.0
Bromobenzene	ND	89	98	9.6	98	106	7.8
Bromochloromethane	ND	90	107	17.3	106	110	3.7
Bromodichloromethane	ND	91	105	14.3	102	104	1.9
Bromoform	ND	99	116	15.8	111	121	8.6
Bromomethane	ND	<70	120	NC	78	121	43.2
Carbon Disulfide	ND	103	120	15.2	111	119	7.0
Carbon tetrachloride	ND	90	104	14.4	102	109	6.6
Chlorobenzene	ND	88	102	14.7	100	107	6.8
Chloroethane	ND	91	109	18.0	102	109	6.6
Chloroform	ND	84	98	15.4	102	106	3.8
Chloromethane	ND	80	104	26.1	77	90	15.6
cis-1,2-Dichloroethene	ND	91	104	13.3	99	108	8.7
cis-1,3-Dichloropropene	ND	87	100	13.9	98	105	6.9
Dibromochloromethane	ND	92	104	12.2	109	113	3.6
Dibromoethane	ND	89	108	19.3	108	112	3.6
Dibromomethane	ND	85	100	16.2	102	103	1.0

QA/QC Data

SDG I.D.: GAQ85394

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Dichlorodifluoromethane	ND	87	106	19.7	69	76	9.7
Ethylbenzene	ND	86	101	16.0	101	107	5.8
Hexachlorobutadiene	ND	90	101	11.5	97	106	8.9
Isopropylbenzene	ND	85	94	10.1	97	104	7.0
m&p-Xylene	ND	88	102	14.7	98	108	9.7
Methyl ethyl ketone	ND	83	95	13.5	56	59	5.2
Methyl t-butyl ether (MTBE)	ND	87	105	18.8	100	108	7.7
Methylene chloride	ND	85	104	20.1	102	111	8.5
Naphthalene	ND	94	97	3.1	103	100	3.0
n-Butylbenzene	ND	84	93	10.2	91	98	7.4
n-Propylbenzene	ND	90	97	7.5	96	103	7.0
o-Xylene	ND	87	101	14.9	99	106	6.8
p-Isopropyltoluene	ND	88	99	11.8	93	102	9.2
sec-Butylbenzene	ND	83	94	12.4	93	100	7.3
Styrene	ND	88	104	16.7	98	107	8.8
tert-Butylbenzene	ND	86	97	12.0	94	104	10.1
Tetrachloroethene	ND	90	104	14.4	107	114	6.3
Tetrahydrofuran (THF)	ND	74	90	19.5	83	90	8.1
Toluene	ND	90	104	14.4	100	105	4.9
trans-1,2-Dichloroethene	ND	99	119	18.3	111	121	8.6
trans-1,3-Dichloropropene	ND	89	103	14.6	100	106	5.8
trans-1,4-dichloro-2-butene	ND	86	107	21.8	90	105	15.4
Trichloroethene	ND	93	104	11.2	106	109	2.8
Trichlorofluoromethane	ND	93	111	17.6	101	106	4.8
Trichlorotrifluoroethane	ND	100	122	19.8	113	124	9.3
Vinyl chloride	ND	82	108	27.4	86	101	16.0
% 1,2-dichlorobenzene-d4	103	97	97	0.0	97	103	6.0
% Bromofluorobenzene	92	94	93	1.1	93	97	4.2
% Dibromofluoromethane	96	101	106	4.8	102	109	6.6
% Toluene-d8	98	98	99	1.0	98	98	0.0

QA/QC Batch 111934, QC Sample No: AQ85400 (AQ85396, aq85398, aq85399, aq85400, aq85403, aq85404)

Volatiles

1,1,1,2-Tetrachloroethane	ND	107	104	2.8	106	107	0.9
1,1,1-Trichloroethane	ND	99	99	0.0	93	98	5.2
1,1,2,2-Tetrachloroethane	ND	84	86	2.4	89	98	9.6
1,1,2-Trichloroethane	ND	95	100	5.1	108	111	2.7
1,1-Dichloroethane	ND	95	95	0.0	91	96	5.3
1,1-Dichloroethene	ND	115	116	0.9	110	111	0.9
1,1-Dichloropropene	ND	104	107	2.8	103	108	4.7
1,2,3-Trichlorobenzene	ND	95	98	3.1	94	94	0.0
1,2,3-Trichloropropane	ND	89	99	10.6	89	91	2.2
1,2,4-Trichlorobenzene	ND	89	95	6.5	95	95	0.0
1,2,4-Trimethylbenzene	ND	94	96	2.1	92	93	1.1
1,2-Dibromo-3-chloropropane	ND	97	102	5.0	100	107	6.8
1,2-Dichlorobenzene	ND	94	98	4.2	97	101	4.0
1,2-Dichloroethane	ND	91	92	1.1	93	99	6.3
1,2-Dichloropropane	ND	92	93	1.1	92	97	5.3
1,3,5-Trimethylbenzene	ND	94	95	1.1	91	93	2.2

QA/QC Data

SDG I.D.: GAQ85394

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,3-Dichlorobenzene	ND	96	100	4.1	95	97	2.1
1,3-Dichloropropane	ND	92	95	3.2	93	99	6.3
1,4-Dichlorobenzene	ND	93	96	3.2	93	96	3.2
2,2-Dichloropropane	ND	86	87	1.2	85	88	3.5
2-Chlorotoluene	ND	98	98	0.0	96	97	1.0
2-Hexanone	ND	<70	75	NC	76	81	6.4
2-Isopropyltoluene	ND	95	98	3.1	92	94	2.2
4-Chlorotoluene	ND	96	98	2.1	93	96	3.2
4-Methyl-2-pentanone	ND	81	90	10.5	92	101	9.3
Acetone	ND	<70	<70	NC	69	69	0.0
Acrolein	ND	92	104	12.2	101	112	10.3
Acrylonitrile	ND	84	89	5.8	86	98	13.0
Benzene	ND	97	98	1.0	97	100	3.0
Bromobenzene	ND	99	100	1.0	97	104	7.0
Bromochloromethane	ND	103	104	1.0	104	111	6.5
Bromodichloromethane	ND	101	101	0.0	102	105	2.9
Bromoform	ND	103	115	11.0	113	121	6.8
Bromomethane	ND	78	126	47.1	115	81	34.7
Carbon Disulfide	ND	117	119	1.7	108	108	0.0
Carbon tetrachloride	ND	101	104	2.9	102	103	1.0
Chlorobenzene	ND	101	103	2.0	99	102	3.0
Chloroethane	ND	105	114	8.2	103	101	2.0
Chloroform	ND	97	97	0.0	95	99	4.1
Chloromethane	ND	92	100	8.3	84	81	3.6
cis-1,2-Dichloroethene	ND	103	102	1.0	99	104	4.9
cis-1,3-Dichloropropene	ND	94	95	1.1	98	100	2.0
Dibromochloromethane	ND	104	105	1.0	106	113	6.4
Dibromoethane	ND	100	105	4.9	109	117	7.1
Dibromomethane	ND	95	97	2.1	102	105	2.9
Dichlorodifluoromethane	ND	100	106	5.8	75	77	2.6
Ethylbenzene	ND	100	102	2.0	99	101	2.0
Hexachlorobutadiene	ND	94	98	4.2	95	94	1.1
Isopropylbenzene	ND	97	95	2.1	93	94	1.1
m&p-Xylene	ND	101	102	1.0	100	100	0.0
Methyl ethyl ketone	ND	<70	<70	NC	64	71	10.4
Methyl t-butyl ether (MTBE)	ND	96	104	8.0	104	108	3.8
Methylene chloride	ND	101	106	4.8	103	102	1.0
Naphthalene	ND	97	89	8.6	91	102	11.4
n-Butylbenzene	ND	89	90	1.1	87	86	1.2
n-Propylbenzene	ND	98	99	1.0	95	93	2.1
o-Xylene	ND	99	102	3.0	100	100	0.0
p-Isopropyltoluene	ND	95	98	3.1	92	94	2.2
sec-Butylbenzene	ND	93	95	2.1	91	94	3.2
Styrene	ND	99	105	5.9	102	102	0.0
tert-Butylbenzene	ND	97	98	1.0	94	98	4.2
Tetrachloroethene	ND	106	106	0.0	101	104	2.9
Tetrahydrofuran (THF)	ND	85	93	9.0	84	98	15.4
Toluene	ND	100	101	1.0	103	104	1.0
trans-1,2-Dichloroethene	ND	116	119	2.6	110	114	3.6

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
trans-1,3-Dichloropropene	ND	92	98	6.3	98	103	5.0
trans-1,4-dichloro-2-butene	ND	83	95	13.5	89	94	5.5
Trichloroethene	ND	104	107	2.8	106	109	2.8
Trichlorofluoromethane	ND	109	109	0.0	98	100	2.0
Trichlorotrifluoroethane	ND	117	120	2.5	112	113	0.9
Vinyl chloride	ND	98	108	9.7	93	93	0.0
% 1,2-dichlorobenzene-d4	98	99	95	4.1	101	99	2.0
% Bromofluorobenzene	93	94	98	4.2	97	95	2.1
% Dibromofluoromethane	99	109	98	10.6	101	106	4.8
% Toluene-d8	98	97	100	3.0	101	98	3.0
QA/QC Batch 112407, QC Sample No: AQ86506 (AQ85397)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	104	100	3.9	105	102	2.9
1,1,1-Trichloroethane	ND	102	97	5.0	100	100	0.0
1,1,2,2-Tetrachloroethane	ND	96	93	3.2	103	93	10.2
1,1,2-Trichloroethane	ND	99	96	3.1	106	100	5.8
1,1-Dichloroethane	ND	103	102	1.0	100	103	3.0
1,1-Dichloroethene	ND	106	102	3.8	101	102	1.0
1,1-Dichloropropene	ND	99	100	1.0	101	103	2.0
1,2,3-Trichlorobenzene	ND	96	99	3.1	90	96	6.5
1,2,3-Trichloropropane	ND	106	100	5.8	107	89	18.4
1,2,4-Trichlorobenzene	ND	93	91	2.2	87	83	4.7
1,2,4-Trimethylbenzene	ND	106	99	6.8	99	99	0.0
1,2-Dibromo-3-chloropropane	ND	105	94	11.1	100	94	6.2
1,2-Dichlorobenzene	ND	102	95	7.1	97	95	2.1
1,2-Dichloroethane	ND	100	94	6.2	101	98	3.0
1,2-Dichloropropane	ND	104	101	2.9	103	104	1.0
1,3,5-Trimethylbenzene	ND	104	99	4.9	100	100	0.0
1,3-Dichlorobenzene	ND	99	95	4.1	95	95	0.0
1,3-Dichloropropane	ND	108	103	4.7	107	100	6.8
1,4-Dichlorobenzene	ND	99	96	3.1	97	93	4.2
2,2-Dichloropropane	ND	100	95	5.1	94	94	0.0
2-Chlorotoluene	ND	102	97	5.0	99	101	2.0
2-Hexanone	ND	90	79	13.0	90	72	22.2
2-Isopropyltoluene	ND	103	98	5.0	103	102	1.0
4-Chlorotoluene	ND	101	102	1.0	99	92	7.3
4-Methyl-2-pentanone	ND	99	89	10.6	106	90	16.3
Acetone	ND	<70	<70	NC	61	52	15.9
Acrolein	ND	98	90	8.5	100	87	13.9
Acrylonitrile	ND	98	93	5.2	104	90	14.4
Benzene	ND	104	102	1.9	104	104	0.0
Bromobenzene	ND	102	98	4.0	100	101	1.0
Bromochloromethane	ND	105	95	10.0	103	100	3.0
Bromodichloromethane	ND	107	101	5.8	105	104	1.0
Bromoform	ND	107	99	7.8	111	100	10.4
Bromomethane	ND	>130	90	NC	119	87	31.1
Carbon Disulfide	ND	106	102	3.8	97	99	2.0
Carbon tetrachloride	ND	102	99	3.0	101	104	2.9

QA/QC Data

SDG I.D.: GAQ85394

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Chlorobenzene	ND	106	101	4.8	105	100	4.9
Chloroethane	ND	113	101	11.2	104	100	3.9
Chloroform	ND	101	97	4.0	101	101	0.0
Chloromethane	ND	>130	115	NC	104	97	7.0
cis-1,2-Dichloroethene	ND	106	100	5.8	101	101	0.0
cis-1,3-Dichloropropene	ND	102	94	8.2	103	101	2.0
Dibromochloromethane	ND	105	101	3.9	106	101	4.8
Dibromoethane	ND	106	96	9.9	113	102	10.2
Dibromomethane	ND	100	96	4.1	106	98	7.8
Dichlorodifluoromethane	ND	>130	>130	NC	105	101	3.9
Ethylbenzene	ND	107	101	5.8	106	101	4.8
Hexachlorobutadiene	ND	96	94	2.1	96	94	2.1
Isopropylbenzene	ND	103	101	2.0	102	105	2.9
m&p-Xylene	ND	111	106	4.6	105	101	3.9
Methyl ethyl ketone	ND	75	72	4.1	77	71	8.1
Methyl t-butyl ether (MTBE)	ND	103	98	5.0	106	97	8.9
Methylene chloride	ND	101	94	7.2	98	95	3.1
Naphthalene	ND	>130	119	NC	92	104	12.2
n-Butylbenzene	ND	102	95	7.1	94	94	0.0
n-Propylbenzene	ND	109	101	7.6	101	100	1.0
o-Xylene	ND	111	102	8.5	107	101	5.8
p-Isopropyltoluene	ND	107	101	5.8	98	100	2.0
sec-Butylbenzene	ND	104	99	4.9	102	102	0.0
Styrene	ND	111	102	8.5	106	99	6.8
tert-Butylbenzene	ND	107	103	3.8	105	104	1.0
Tetrachloroethene	ND	105	98	6.9	100	99	1.0
Tetrahydrofuran (THF)	ND	99	98	1.0	106	86	20.8
Toluene	ND	104	97	7.0	104	100	3.9
trans-1,2-Dichloroethene	ND	109	104	4.7	103	102	1.0
trans-1,3-Dichloropropene	ND	102	96	6.1	106	98	7.8
trans-1,4-dichloro-2-butene	ND	106	92	14.1	104	85	20.1
Trichloroethene	ND	103	98	5.0	105	104	1.0
Trichlorofluoromethane	ND	113	105	7.3	103	102	1.0
Trichlorotrifluoroethane	ND	109	105	3.7	102	104	1.9
Vinyl chloride	ND	121	115	5.1	104	102	1.9
% 1,2-dichlorobenzene-d4	103	100	100	0.0	102	101	1.0
% Bromofluorobenzene	99	102	102	0.0	102	99	3.0
% Dibromofluoromethane	92	102	90	12.5	95	104	9.0
% Toluene-d8	100	102	99	3.0	102	100	2.0

3 = This parameter is outside laboratory ms/msd specified limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
October 13, 2008

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

October 13, 2008

SDG I.D.: GAQ85394

The samples in this delivery group were received at 4C.
(Note acceptance criteria is above freezing up to 6C)

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4 Pg 1 of 2

Data Delivery:
☐ Fax #:
~~☒~~ Email: DAVID@ENVIROTRAC.COM

Customer: ENVIROTRAC
Address:

Project: RETACO
Report to: DAVE LORTHIOIR
Invoice to: "

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Dave Lorthioir Date 10/2/08

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request: 8260 STARS, 8270 STARS

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8260 STARS	8270 STARS
85394	MW-11	GW	9/30/08		X	
85395	MW-12	GW	9/30/08		X	X
85396	MW-14	GW	9/30/08		X	X
85397	MW-15	GW	9/30/08		X	X
85398	A-2	GW	9/30/08		X	
85399	A-3	"	"		X	
85400	C-2	"	"		X	
85401	C-3	"	"		X	
85402	MW-8	GW	10/1/08		X	X
85403	MW-9	GW	10/1/08		X	X

Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20
GL Soil container ( ) oz
GL Soil container ( ) oz
40 ml VOA Vial [ ] As is [ ] HCl
GL Amber 1000ml [ ] As is [ ] H2SO4
PL As is [ ] 250ml [ ] 500ml [ ] 1000ml
PL H2SO4 [ ] 250ml [ ] 500ml
PL HNO3 250ml
PL NaOH 250ml
Bacteria Bottle

Relinquished by:	Accepted by:	Date:	Time:
Dave Lorthioir	[signature]	10-2	10:25
	[signature]	10/2	17:00

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other

* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: NY

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4 Pg 2 of 2

Data Delivery:
☐ Fax #: _____
☐ Email: _____

Customer: ENVIROTRAC
Address: _____
Project: RETACO
Report to: D. LORTHIOIR
Invoice to: " "
Project P.O: _____
Phone #: _____
Fax #: _____

Client Sample - Information - Identification

Sampler's Signature: [signature] Date 10/2/08

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8260 STARS	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
85404	MW-3	GW	10/1/08		X										
85405	MW-4	"	10/1/08		X										
85406	B-2	"	10/1/08		X										
85407	B-3	"	10/1/08		X										

Relinquished by:	Accepted by	Date:	Time:
[signature]	[signature]	10-2	10:25
	[signature]	10/2	17:00

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other

* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: NY

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other _____

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

Groundwater
January 2009

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/16/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR28872
Phoenix I.D.: AR28872

Client ID: RETACO MW-15

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	ND	1.0	ug/L	01/17/09		R/J	SW8021/8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	01/17/09		R/J	SW8021/8260
Benzene	ND	0.70	ug/L	01/17/09		R/J	SW8021/8260
Ethylbenzene	ND	1.0	ug/L	01/17/09		R/J	SW8021/8260
Isopropylbenzene	ND	1.0	ug/L	01/17/09		R/J	SW8021/8260
m&p-Xylene	ND	2.0	ug/L	01/17/09		R/J	SW8021/8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	01/17/09		R/J	SW8021/8260
Naphthalene	ND	1.0	ug/L	01/17/09		R/J	SW8021/8260
n-Butylbenzene	ND	1.0	ug/L	01/17/09		R/J	SW8021/8260
n-Propylbenzene	ND	1.0	ug/L	01/17/09		R/J	SW8021/8260
o-Xylene	ND	2.0	ug/L	01/17/09		R/J	SW8021/8260
p-Isopropyltoluene	ND	1.0	ug/L	01/17/09		R/J	SW8021/8260
sec-Butylbenzene	ND	1.0	ug/L	01/17/09		R/J	SW8021/8260
tert-Butylbenzene	ND	1.0	ug/L	01/17/09		R/J	SW8021/8260
Toluene	ND	1.0	ug/L	01/17/09		R/J	SW8021/8260
Total Xylenes	ND	2.0	ug/L	01/17/09		R/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	01/17/09		R/J	SW8021/8260
% Bromofluorobenzene	100		%	01/17/09		R/J	SW8021/8260
% Dibromofluoromethane	106		%	01/17/09		R/J	SW8021/8260
% Toluene-d8	98		%	01/17/09		R/J	SW8021/8260

Client ID: RETACO MW-15 Phoenix I.D.: AR28872

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

Phyllis Shiller, Laboratory Director

January 23, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/16/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR28872
Phoenix I.D.: AR28873

Client ID: RETACO MW-14

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Benzene	2.2	0.70	ug/L	01/20/09		R/J	SW8021/8260
Ethylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Isopropylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
m&p-Xylene	ND	2.0	ug/L	01/20/09		R/J	SW8021/8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Naphthalene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
n-Butylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
n-Propylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
o-Xylene	ND	2.0	ug/L	01/20/09		R/J	SW8021/8260
p-Isopropyltoluene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
sec-Butylbenzene	1.1	1.0	ug/L	01/20/09		R/J	SW8021/8260
tert-Butylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Toluene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Total Xylenes	ND	2.0	ug/L	01/20/09		R/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	95		%	01/20/09		R/J	SW8021/8260
% Bromofluorobenzene	118		%	01/20/09		R/J	SW8021/8260
% Dibromofluoromethane	110		%	01/20/09		R/J	SW8021/8260
% Toluene-d8	100		%	01/20/09		R/J	SW8021/8260

Client ID: RETACO MW-14 Phoenix I.D.: AR28873

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

Phyllis Shiller, Laboratory Director

January 23, 2009

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/16/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR28872
Phoenix I.D.: AR28874

Client ID: RETACO MW-12

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	270	50	ug/L	01/17/09		R/J	SW8021/8260
1,3,5-Trimethylbenzene	160	50	ug/L	01/17/09		R/J	SW8021/8260
Benzene	4100	35	ug/L	01/17/09		R/J	SW8021/8260
Ethylbenzene	310	50	ug/L	01/17/09		R/J	SW8021/8260
Isopropylbenzene	ND	50	ug/L	01/17/09		R/J	SW8021/8260
m&p-Xylene	930	100	ug/L	01/17/09		R/J	SW8021/8260
Methyl t-butyl ether (MTBE)	94	50	ug/L	01/17/09		R/J	SW8021/8260
Naphthalene	180	50	ug/L	01/17/09		R/J	SW8021/8260
n-Butylbenzene	ND	50	ug/L	01/17/09		R/J	SW8021/8260
n-Propylbenzene	79	50	ug/L	01/17/09		R/J	SW8021/8260
o-Xylene	ND	100	ug/L	01/17/09		R/J	SW8021/8260
p-Isopropyltoluene	ND	50	ug/L	01/17/09		R/J	SW8021/8260
sec-Butylbenzene	ND	50	ug/L	01/17/09		R/J	SW8021/8260
tert-Butylbenzene	ND	50	ug/L	01/17/09		R/J	SW8021/8260
Toluene	83	50	ug/L	01/17/09		R/J	SW8021/8260
Total Xylenes	930	100	ug/L	01/17/09		R/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	01/17/09		R/J	SW8021/8260
% Bromofluorobenzene	98		%	01/17/09		R/J	SW8021/8260
% Dibromofluoromethane	100		%	01/17/09		R/J	SW8021/8260
% Toluene-d8	96		%	01/17/09		R/J	SW8021/8260

Client ID: RETACO MW-12 Phoenix I.D.: AR28874

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

Phyllis Shiller, Laboratory Director

January 23, 2009

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/16/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR28872
Phoenix I.D.: AR28875

Client ID: RETACO MW-8

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	4100	250	ug/L	01/20/09		R/J	SW8021/8260
1,3,5-Trimethylbenzene	1500	250	ug/L	01/20/09		R/J	SW8021/8260
Benzene	1500	180	ug/L	01/20/09		R/J	SW8021/8260
Ethylbenzene	1300	250	ug/L	01/20/09		R/J	SW8021/8260
Isopropylbenzene	ND	250	ug/L	01/20/09		R/J	SW8021/8260
m&p-Xylene	7000	500	ug/L	01/20/09		R/J	SW8021/8260
Methyl t-butyl ether (MTBE)	ND	250	ug/L	01/20/09		R/J	SW8021/8260
Naphthalene	1600	250	ug/L	01/20/09		R/J	SW8021/8260
n-Butylbenzene	ND	250	ug/L	01/20/09		R/J	SW8021/8260
n-Propylbenzene	ND	250	ug/L	01/20/09		R/J	SW8021/8260
o-Xylene	3000	500	ug/L	01/20/09		R/J	SW8021/8260
p-Isopropyltoluene	ND	250	ug/L	01/20/09		R/J	SW8021/8260
sec-Butylbenzene	ND	250	ug/L	01/20/09		R/J	SW8021/8260
tert-Butylbenzene	ND	250	ug/L	01/20/09		R/J	SW8021/8260
Toluene	3000	250	ug/L	01/20/09		R/J	SW8021/8260
Total Xylenes	10000	500	ug/L	01/20/09		R/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	01/20/09		R/J	SW8021/8260
% Bromofluorobenzene	97		%	01/20/09		R/J	SW8021/8260
% Dibromofluoromethane	106		%	01/20/09		R/J	SW8021/8260
% Toluene-d8	101		%	01/20/09		R/J	SW8021/8260

Client ID: RETACO MW-8 Phoenix I.D.: AR28875

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller

Phyllis Shiller, Laboratory Director

January 23, 2009

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/16/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR28872
Phoenix I.D.: AR28876

Client ID: RETACO MW-11

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	1600	20	ug/L	01/17/09		R/J	SW8021/8260
1,3,5-Trimethylbenzene	490	20	ug/L	01/17/09		R/J	SW8021/8260
Benzene	5100	70	ug/L	01/17/09		R/J	SW8021/8260
Ethylbenzene	840	20	ug/L	01/17/09		R/J	SW8021/8260
Isopropylbenzene	34	20	ug/L	01/17/09		R/J	SW8021/8260
m&p-Xylene	4200	40	ug/L	01/17/09		R/J	SW8021/8260
Methyl t-butyl ether (MTBE)	370	20	ug/L	01/17/09		R/J	SW8021/8260
Naphthalene	540	20	ug/L	01/17/09		R/J	SW8021/8260
n-Butylbenzene	29	20	ug/L	01/17/09		R/J	SW8021/8260
n-Propylbenzene	61	20	ug/L	01/17/09		R/J	SW8021/8260
o-Xylene	1500	40	ug/L	01/17/09		R/J	SW8021/8260
p-Isopropyltoluene	21	20	ug/L	01/17/09		R/J	SW8021/8260
sec-Butylbenzene	ND	20	ug/L	01/17/09		R/J	SW8021/8260
tert-Butylbenzene	ND	20	ug/L	01/17/09		R/J	SW8021/8260
Toluene	1700	20	ug/L	01/17/09		R/J	SW8021/8260
Total Xylenes	5700	40	ug/L	01/17/09		R/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	01/17/09		R/J	SW8021/8260
% Bromofluorobenzene	100		%	01/17/09		R/J	SW8021/8260
% Dibromofluoromethane	96		%	01/17/09		R/J	SW8021/8260
% Toluene-d8	97		%	01/17/09		R/J	SW8021/8260

Client ID: RETACO MW-11 Phoenix I.D.: AR28876

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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Phyllis Shiller, Laboratory Director

January 23, 2009

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/16/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR28872
Phoenix I.D.: AR28877

Client ID: RETACO MW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	1.5	1.0	ug/L	01/20/09		R/J	SW8021/8260
1,3,5-Trimethylbenzene	2.4	1.0	ug/L	01/20/09		R/J	SW8021/8260
Benzene	480	35	ug/L	01/20/09		R/J	SW8021/8260
Ethylbenzene	1.1	1.0	ug/L	01/20/09		R/J	SW8021/8260
Isopropylbenzene	20	1.0	ug/L	01/20/09		R/J	SW8021/8260
m&p-Xylene	5.6	2.0	ug/L	01/20/09		R/J	SW8021/8260
Methyl t-butyl ether (MTBE)	70	1.0	ug/L	01/20/09		R/J	SW8021/8260
Naphthalene	7.4	1.0	ug/L	01/20/09		R/J	SW8021/8260
n-Butylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
n-Propylbenzene	11	1.0	ug/L	01/20/09		R/J	SW8021/8260
o-Xylene	2.1	2.0	ug/L	01/20/09		R/J	SW8021/8260
p-Isopropyltoluene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
sec-Butylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
tert-Butylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Toluene	1.3	1.0	ug/L	01/20/09		R/J	SW8021/8260
Total Xylenes	7.6	2.0	ug/L	01/20/09		R/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	106		%	01/20/09		R/J	SW8021/8260
% Bromofluorobenzene	92		%	01/20/09		R/J	SW8021/8260
% Dibromofluoromethane	92		%	01/20/09		R/J	SW8021/8260
% Toluene-d8	98		%	01/20/09		R/J	SW8021/8260

Client ID: RETACO MW-1 Phoenix I.D.: AR28877

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director

January 23, 2009

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/16/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR28872
Phoenix I.D.: AR28878

Client ID: RETACO A-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	530	20	ug/L	01/20/09		R/J	SW8021/8260
1,3,5-Trimethylbenzene	140	20	ug/L	01/20/09		R/J	SW8021/8260
Benzene	1100	14	ug/L	01/20/09		R/J	SW8021/8260
Ethylbenzene	510	20	ug/L	01/20/09		R/J	SW8021/8260
Isopropylbenzene	32	20	ug/L	01/20/09		R/J	SW8021/8260
m&p-Xylene	1200	40	ug/L	01/20/09		R/J	SW8021/8260
Methyl t-butyl ether (MTBE)	110	20	ug/L	01/20/09		R/J	SW8021/8260
Naphthalene	150	20	ug/L	01/20/09		R/J	SW8021/8260
n-Butylbenzene	ND	20	ug/L	01/20/09		R/J	SW8021/8260
n-Propylbenzene	70	20	ug/L	01/20/09		R/J	SW8021/8260
o-Xylene	360	40	ug/L	01/20/09		R/J	SW8021/8260
p-Isopropyltoluene	ND	20	ug/L	01/20/09		R/J	SW8021/8260
sec-Butylbenzene	ND	20	ug/L	01/20/09		R/J	SW8021/8260
tert-Butylbenzene	ND	20	ug/L	01/20/09		R/J	SW8021/8260
Toluene	ND	20	ug/L	01/20/09		R/J	SW8021/8260
Total Xylenes	1600	40	ug/L	01/20/09		R/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	01/20/09		R/J	SW8021/8260
% Bromofluorobenzene	96		%	01/20/09		R/J	SW8021/8260
% Dibromofluoromethane	96		%	01/20/09		R/J	SW8021/8260
% Toluene-d8	98		%	01/20/09		R/J	SW8021/8260

Client ID: RETACO A-2

Phoenix I.D.: AR28878

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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Phyllis Shiller, Laboratory Director

January 23, 2009

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/16/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR28872
Phoenix I.D.: AR28879

Client ID: RETACO A-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	110	20	ug/L	01/17/09		R/J	SW8021/8260
1,3,5-Trimethylbenzene	45	20	ug/L	01/17/09		R/J	SW8021/8260
Benzene	7500	70	ug/L	01/17/09		R/J	SW8021/8260
Ethylbenzene	150	20	ug/L	01/17/09		R/J	SW8021/8260
Isopropylbenzene	32	20	ug/L	01/17/09		R/J	SW8021/8260
m&p-Xylene	270	40	ug/L	01/17/09		R/J	SW8021/8260
Methyl t-butyl ether (MTBE)	97	20	ug/L	01/17/09		R/J	SW8021/8260
Naphthalene	150	20	ug/L	01/17/09		R/J	SW8021/8260
n-Butylbenzene	110	20	ug/L	01/17/09		R/J	SW8021/8260
n-Propylbenzene	23	20	ug/L	01/17/09		R/J	SW8021/8260
o-Xylene	100	40	ug/L	01/17/09		R/J	SW8021/8260
p-Isopropyltoluene	ND	20	ug/L	01/17/09		R/J	SW8021/8260
sec-Butylbenzene	ND	20	ug/L	01/17/09		R/J	SW8021/8260
tert-Butylbenzene	ND	20	ug/L	01/17/09		R/J	SW8021/8260
Toluene	ND	20	ug/L	01/17/09		R/J	SW8021/8260
Total Xylenes	380	40	ug/L	01/17/09		R/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	01/17/09		R/J	SW8021/8260
% Bromofluorobenzene	97		%	01/17/09		R/J	SW8021/8260
% Dibromofluoromethane	95		%	01/17/09		R/J	SW8021/8260
% Toluene-d8	95		%	01/17/09		R/J	SW8021/8260

Client ID: RETACO A-3 Phoenix I.D.: AR28879

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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Phyllis Shiller

Phyllis Shiller, Laboratory Director

January 23, 2009

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/16/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR28872
Phoenix I.D.: AR28880

Client ID: RETACO MW-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	1.1	1.0	ug/L	01/20/09		R/J	SW8021/8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Benzene	1100	7.0	ug/L	01/20/09		R/J	SW8021/8260
Ethylbenzene	1.6	1.0	ug/L	01/20/09		R/J	SW8021/8260
Isopropylbenzene	20	1.0	ug/L	01/20/09		R/J	SW8021/8260
m&p-Xylene	4.3	2.0	ug/L	01/20/09		R/J	SW8021/8260
Methyl t-butyl ether (MTBE)	23	1.0	ug/L	01/20/09		R/J	SW8021/8260
Naphthalene	3.6	1.0	ug/L	01/20/09		R/J	SW8021/8260
n-Butylbenzene	1.8	1.0	ug/L	01/20/09		R/J	SW8021/8260
n-Propylbenzene	21	1.0	ug/L	01/20/09		R/J	SW8021/8260
o-Xylene	ND	2.0	ug/L	01/20/09		R/J	SW8021/8260
p-Isopropyltoluene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
sec-Butylbenzene	1.4	1.0	ug/L	01/20/09		R/J	SW8021/8260
tert-Butylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Toluene	1.9	1.0	ug/L	01/20/09		R/J	SW8021/8260
Total Xylenes	4.3	2.0	ug/L	01/20/09		R/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	01/20/09		R/J	SW8021/8260
% Bromofluorobenzene	100		%	01/20/09		R/J	SW8021/8260
% Dibromofluoromethane	99		%	01/20/09		R/J	SW8021/8260
% Toluene-d8	102		%	01/20/09		R/J	SW8021/8260

Client ID: RETACO MW-3 Phoenix I.D.: AR28880

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 23, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/16/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR28872
Phoenix I.D.: AR28881

Client ID: RETACO MW-5

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	3.2	1.0	ug/L	01/20/09		R/J	SW8021/8260
1,3,5-Trimethylbenzene	5.3	1.0	ug/L	01/20/09		R/J	SW8021/8260
Benzene	560	7.0	ug/L	01/20/09		R/J	SW8021/8260
Ethylbenzene	2.4	1.0	ug/L	01/20/09		R/J	SW8021/8260
Isopropylbenzene	35	1.0	ug/L	01/20/09		R/J	SW8021/8260
m&p-Xylene	13	2.0	ug/L	01/20/09		R/J	SW8021/8260
Methyl t-butyl ether (MTBE)	27	1.0	ug/L	01/20/09		R/J	SW8021/8260
Naphthalene	6.6	1.0	ug/L	01/20/09		R/J	SW8021/8260
n-Butylbenzene	5.6	1.0	ug/L	01/20/09		R/J	SW8021/8260
n-Propylbenzene	46	1.0	ug/L	01/20/09		R/J	SW8021/8260
o-Xylene	3.0	2.0	ug/L	01/20/09		R/J	SW8021/8260
p-Isopropyltoluene	2.7	1.0	ug/L	01/20/09		R/J	SW8021/8260
sec-Butylbenzene	4.0	1.0	ug/L	01/20/09		R/J	SW8021/8260
tert-Butylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Toluene	3.8	1.0	ug/L	01/20/09		R/J	SW8021/8260
Total Xylenes	16	2.0	ug/L	01/20/09		R/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	01/20/09		R/J	SW8021/8260
% Bromofluorobenzene	98		%	01/20/09		R/J	SW8021/8260
% Dibromofluoromethane	98		%	01/20/09		R/J	SW8021/8260
% Toluene-d8	98		%	01/20/09		R/J	SW8021/8260

Client ID: RETACO MW-5 Phoenix I.D.: AR28881

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

Phyllis Shiller, Laboratory Director

January 23, 2009

PHOENIX
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/16/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR28872
Phoenix I.D.: AR28882

Client ID: RETACO C-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Benzene	5.2	0.70	ug/L	01/20/09		R/J	SW8021/8260
Ethylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Isopropylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
m&p-Xylene	ND	2.0	ug/L	01/20/09		R/J	SW8021/8260
Methyl t-butyl ether (MTBE)	58	1.0	ug/L	01/20/09		R/J	SW8021/8260
Naphthalene	1.4	1.0	ug/L	01/20/09		R/J	SW8021/8260
n-Butylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
n-Propylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
o-Xylene	ND	2.0	ug/L	01/20/09		R/J	SW8021/8260
p-Isopropyltoluene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
sec-Butylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
tert-Butylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Toluene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Total Xylenes	ND	2.0	ug/L	01/20/09		R/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	01/20/09		R/J	SW8021/8260
% Bromofluorobenzene	98		%	01/20/09		R/J	SW8021/8260
% Dibromofluoromethane	103		%	01/20/09		R/J	SW8021/8260
% Toluene-d8	100		%	01/20/09		R/J	SW8021/8260

Client ID: RETACO C-2 Phoenix I.D.: AR28882

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 23, 2009

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/16/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR28872
Phoenix I.D.: AR28883

Client ID: RETACO C-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	200	50	ug/L	01/17/09		R/J	SW8021/8260
1,3,5-Trimethylbenzene	84	50	ug/L	01/17/09		R/J	SW8021/8260
Benzene	8900	35	ug/L	01/17/09		R/J	SW8021/8260
Ethylbenzene	1100	50	ug/L	01/17/09		R/J	SW8021/8260
Isopropylbenzene	ND	50	ug/L	01/17/09		R/J	SW8021/8260
m&p-Xylene	1300	100	ug/L	01/17/09		R/J	SW8021/8260
Methyl t-butyl ether (MTBE)	ND	50	ug/L	01/17/09		R/J	SW8021/8260
Naphthalene	3000	50	ug/L	01/17/09		R/J	SW8021/8260
n-Butylbenzene	ND	50	ug/L	01/17/09		R/J	SW8021/8260
n-Propylbenzene	ND	50	ug/L	01/17/09		R/J	SW8021/8260
o-Xylene	570	100	ug/L	01/17/09		R/J	SW8021/8260
p-Isopropyltoluene	ND	50	ug/L	01/17/09		R/J	SW8021/8260
sec-Butylbenzene	ND	50	ug/L	01/17/09		R/J	SW8021/8260
tert-Butylbenzene	ND	50	ug/L	01/17/09		R/J	SW8021/8260
Toluene	2300	50	ug/L	01/17/09		R/J	SW8021/8260
Total Xylenes	1900	100	ug/L	01/17/09		R/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	01/17/09		R/J	SW8021/8260
% Bromofluorobenzene	98		%	01/17/09		R/J	SW8021/8260
% Dibromofluoromethane	94		%	01/17/09		R/J	SW8021/8260
% Toluene-d8	97		%	01/17/09		R/J	SW8021/8260

Client ID: RETACO C-3 Phoenix I.D.: AR28883

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

Phyllis Shiller, Laboratory Director

January 23, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/16/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR28872
Phoenix I.D.: AR28884

Client ID: RETACO B-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	360	20	ug/L	01/20/09		R/J	SW8021/8260
1,3,5-Trimethylbenzene	95	20	ug/L	01/20/09		R/J	SW8021/8260
Benzene	590	14	ug/L	01/20/09		R/J	SW8021/8260
Ethylbenzene	80	20	ug/L	01/20/09		R/J	SW8021/8260
Isopropylbenzene	ND	20	ug/L	01/20/09		R/J	SW8021/8260
m&p-Xylene	260	40	ug/L	01/20/09		R/J	SW8021/8260
Methyl t-butyl ether (MTBE)	38	20	ug/L	01/20/09		R/J	SW8021/8260
Naphthalene	51	20	ug/L	01/20/09		R/J	SW8021/8260
n-Butylbenzene	ND	20	ug/L	01/20/09		R/J	SW8021/8260
n-Propylbenzene	ND	20	ug/L	01/20/09		R/J	SW8021/8260
o-Xylene	160	40	ug/L	01/20/09		R/J	SW8021/8260
p-Isopropyltoluene	ND	20	ug/L	01/20/09		R/J	SW8021/8260
sec-Butylbenzene	ND	20	ug/L	01/20/09		R/J	SW8021/8260
tert-Butylbenzene	ND	20	ug/L	01/20/09		R/J	SW8021/8260
Toluene	52	20	ug/L	01/20/09		R/J	SW8021/8260
Total Xylenes	420	40	ug/L	01/20/09		R/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	01/20/09		R/J	SW8021/8260
% Bromofluorobenzene	96		%	01/20/09		R/J	SW8021/8260
% Dibromofluoromethane	104		%	01/20/09		R/J	SW8021/8260
% Toluene-d8	99		%	01/20/09		R/J	SW8021/8260

Client ID: RETACO B-2 Phoenix I.D.: AR28884

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

Phyllis Shiller, Laboratory Director

January 23, 2009

PHOENIX
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/16/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR28872
Phoenix I.D.: AR28885

Client ID: RETACO B-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	31	20	ug/L	01/17/09		R/J	SW8021/8260
1,3,5-Trimethylbenzene	ND	20	ug/L	01/17/09		R/J	SW8021/8260
Benzene	5000	70	ug/L	01/17/09		R/J	SW8021/8260
Ethylbenzene	210	20	ug/L	01/17/09		R/J	SW8021/8260
Isopropylbenzene	42	20	ug/L	01/17/09		R/J	SW8021/8260
m&p-Xylene	140	40	ug/L	01/17/09		R/J	SW8021/8260
Methyl t-butyl ether (MTBE)	140	20	ug/L	01/17/09		R/J	SW8021/8260
Naphthalene	320	20	ug/L	01/17/09		R/J	SW8021/8260
n-Butylbenzene	120	20	ug/L	01/17/09		R/J	SW8021/8260
n-Propylbenzene	24	20	ug/L	01/17/09		R/J	SW8021/8260
o-Xylene	63	40	ug/L	01/17/09		R/J	SW8021/8260
p-Isopropyltoluene	ND	20	ug/L	01/17/09		R/J	SW8021/8260
sec-Butylbenzene	ND	20	ug/L	01/17/09		R/J	SW8021/8260
tert-Butylbenzene	ND	20	ug/L	01/17/09		R/J	SW8021/8260
Toluene	86	20	ug/L	01/17/09		R/J	SW8021/8260
Total Xylenes	210	40	ug/L	01/17/09		R/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	01/17/09		R/J	SW8021/8260
% Bromofluorobenzene	96		%	01/17/09		R/J	SW8021/8260
% Dibromofluoromethane	100		%	01/17/09		R/J	SW8021/8260
% Toluene-d8	93		%	01/17/09		R/J	SW8021/8260

Client ID: RETACO B-3 Phoenix I.D.: AR28885

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 23, 2009

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/16/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR28872
Phoenix I.D.: AR28886

Client ID: RETACO MW-4

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Benzene	520	7.0	ug/L	01/20/09		R/J	SW8021/8260
Ethylbenzene	2.4	1.0	ug/L	01/20/09		R/J	SW8021/8260
Isopropylbenzene	13	1.0	ug/L	01/20/09		R/J	SW8021/8260
m&p-Xylene	ND	2.0	ug/L	01/20/09		R/J	SW8021/8260
Methyl t-butyl ether (MTBE)	9.2	1.0	ug/L	01/20/09		R/J	SW8021/8260
Naphthalene	2.9	1.0	ug/L	01/20/09		R/J	SW8021/8260
n-Butylbenzene	22	1.0	ug/L	01/20/09		R/J	SW8021/8260
n-Propylbenzene	11	1.0	ug/L	01/20/09		R/J	SW8021/8260
o-Xylene	ND	2.0	ug/L	01/20/09		R/J	SW8021/8260
p-Isopropyltoluene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
sec-Butylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
tert-Butylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Toluene	1.6	1.0	ug/L	01/20/09		R/J	SW8021/8260
Total Xylenes	ND	2.0	ug/L	01/20/09		R/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	01/20/09		R/J	SW8021/8260
% Bromofluorobenzene	104		%	01/20/09		R/J	SW8021/8260
% Dibromofluoromethane	100		%	01/20/09		R/J	SW8021/8260
% Toluene-d8	97		%	01/20/09		R/J	SW8021/8260

Client ID: RETACO MW-4 Phoenix I.D.: AR28886

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 23, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/16/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR28872
Phoenix I.D.: AR28887

Client ID: RETACO MW-7

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	2.7	1.0	ug/L	01/20/09		R/J	SW8021/8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Benzene	3.8	0.70	ug/L	01/20/09		R/J	SW8021/8260
Ethylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Isopropylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
m&p-Xylene	ND	2.0	ug/L	01/20/09		R/J	SW8021/8260
Methyl t-butyl ether (MTBE)	5.6	1.0	ug/L	01/20/09		R/J	SW8021/8260
Naphthalene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
n-Butylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
n-Propylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
o-Xylene	ND	2.0	ug/L	01/20/09		R/J	SW8021/8260
p-Isopropyltoluene	1.1	1.0	ug/L	01/20/09		R/J	SW8021/8260
sec-Butylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
tert-Butylbenzene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Toluene	ND	1.0	ug/L	01/20/09		R/J	SW8021/8260
Total Xylenes	ND	2.0	ug/L	01/20/09		R/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	01/20/09		R/J	SW8021/8260
% Bromofluorobenzene	98		%	01/20/09		R/J	SW8021/8260
% Dibromofluoromethane	104		%	01/20/09		R/J	SW8021/8260
% Toluene-d8	100		%	01/20/09		R/J	SW8021/8260

Client ID: RETACO MW-7 Phoenix I.D.: AR28887

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 23, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 23, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/16/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR28872
Phoenix I.D.: AR28888

Client ID: RETACO MW-9

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	3500	250	ug/L	01/17/09		R/J	SW8021/8260
1,3,5-Trimethylbenzene	960	250	ug/L	01/17/09		R/J	SW8021/8260
Benzene	3600	180	ug/L	01/17/09		R/J	SW8021/8260
Ethylbenzene	1800	250	ug/L	01/17/09		R/J	SW8021/8260
Isopropylbenzene	ND	250	ug/L	01/17/09		R/J	SW8021/8260
m&p-Xylene	10000	500	ug/L	01/17/09		R/J	SW8021/8260
Methyl t-butyl ether (MTBE)	270	250	ug/L	01/17/09		R/J	SW8021/8260
Naphthalene	1300	250	ug/L	01/17/09		R/J	SW8021/8260
n-Butylbenzene	ND	250	ug/L	01/17/09		R/J	SW8021/8260
n-Propylbenzene	ND	250	ug/L	01/17/09		R/J	SW8021/8260
o-Xylene	4200	500	ug/L	01/17/09		R/J	SW8021/8260
p-Isopropyltoluene	ND	250	ug/L	01/17/09		R/J	SW8021/8260
sec-Butylbenzene	ND	250	ug/L	01/17/09		R/J	SW8021/8260
tert-Butylbenzene	ND	250	ug/L	01/17/09		R/J	SW8021/8260
Toluene	7000	250	ug/L	01/17/09		R/J	SW8021/8260
Total Xylenes	15000	500	ug/L	01/17/09		R/J	SW8021/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	01/17/09		R/J	SW8021/8260
% Bromofluorobenzene	96		%	01/17/09		R/J	SW8021/8260
% Dibromofluoromethane	98		%	01/17/09		R/J	SW8021/8260
% Toluene-d8	96		%	01/17/09		R/J	SW8021/8260

Client ID: RETACO MW-9 Phoenix I.D.: AR28888

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

Phyllis Shiller, Laboratory Director

January 23, 2009

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

January 23, 2009

QA/QC Data

SDG I.D.: GAR28872

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
QA/QC Batch 119297, QC Sample No: AR28452 (AR28872, AR28880, AR28881, AR28886)								
Volatiles								
1,1,1,2-Tetrachloroethane	ND	101	108	6.7	108	98	9.7	
1,1,1-Trichloroethane	ND	116	120	3.4	123	113	8.5	
1,1,2,2-Tetrachloroethane	ND	>130	>130	NC	>150	144	NC	3
1,1,2-Trichloroethane	ND	108	104	3.8	104	100	3.9	
1,1-Dichloroethane	ND	113	118	4.3	121	108	11.4	
1,1-Dichloroethene	ND	116	113	2.6	122	118	3.3	
1,1-Dichloropropene	ND	104	110	5.6	115	105	9.1	
1,2,3-Trichlorobenzene	ND	84	84	0.0	92	88	4.4	
1,2,3-Trichloropropane	ND	110	95	14.6	84	91	8.0	
1,2,4-Trichlorobenzene	ND	74	75	1.3	92	84	9.1	
1,2,4-Trimethylbenzene	ND	90	97	7.5	103	91	12.4	
1,2-Dibromo-3-chloropropane	ND	120	104	14.3	92	95	3.2	
1,2-Dichlorobenzene	ND	89	92	3.3	97	87	10.9	
1,2-Dichloroethane	ND	111	109	1.8	104	104	0.0	
1,2-Dichloropropane	ND	108	111	2.7	112	104	7.4	
1,3,5-Trimethylbenzene	ND	93	100	7.3	107	93	14.0	
1,3-Dichlorobenzene	ND	86	89	3.4	99	89	10.6	
1,3-Dichloropropane	ND	103	104	1.0	98	96	2.1	
1,4-Dichlorobenzene	ND	82	85	3.6	98	88	10.8	
2,2-Dichloropropane	ND	112	110	1.8	115	110	4.4	
2-Chlorotoluene	ND	90	96	6.5	103	91	12.4	
2-Hexanone	ND	112	86	26.3	58	66	12.9	
2-Isopropyltoluene	ND	94	101	7.2	107	93	14.0	
4-Chlorotoluene	ND	90	94	4.3	102	94	8.2	
4-Methyl-2-pentanone	ND	113	93	19.4	80	91	12.9	
Acetone	ND	>130	113	NC	69	70	1.4	
Acrolein	ND	119	96	21.4	96	104	8.0	
Acrylonitrile	ND	122	106	14.0	103	106	2.9	
Benzene	ND	107	112	4.6	115	105	9.1	
Bromobenzene	ND	95	99	4.1	101	90	11.5	
Bromochloromethane	ND	110	119	7.9	121	107	12.3	
Bromodichloromethane	ND	113	117	3.5	110	104	5.6	
Bromoform	ND	107	103	3.8	99	98	1.0	
Bromomethane	ND	110	>130	NC	>150	121	NC	
Carbon Disulfide	ND	103	99	4.0	108	103	4.7	
Carbon tetrachloride	ND	109	115	5.4	120	111	7.8	
Chlorobenzene	ND	97	103	6.0	106	98	7.8	
Chloroethane	ND	110	116	5.3	129	115	11.5	

QA/QC Data

SDG I.D.: GAR28872

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
Chloroform	ND	112	116	3.5	119	108	9.7	
Chloromethane	ND	120	>130	NC	146	113	25.5	3
cis-1,2-Dichloroethene	ND	113	117	3.5	113	102	10.2	
cis-1,3-Dichloropropene	ND	107	106	0.9	106	106	0.0	
Dibromochloromethane	ND	104	105	1.0	101	98	3.0	
Dibromoethane	ND	114	103	10.1	97	104	7.0	
Dibromomethane	ND	108	105	2.8	104	104	0.0	
Dichlorodifluoromethane	ND	>130	>130	NC	>150	140	NC	
Ethylbenzene	ND	96	104	8.0	109	98	10.6	
Hexachlorobutadiene	ND	81	81	0.0	102	88	14.7	
Isopropylbenzene	ND	92	99	7.3	106	93	13.1	
m&p-Xylene	ND	96	105	9.0	112	98	13.3	
Methyl ethyl ketone	ND	>130	97	NC	74	89	18.4	
Methyl t-butyl ether (MTBE)	ND	123	98	22.6	96	108	11.8	
Methylene chloride	ND	112	100	11.3	96	98	2.1	
Naphthalene	ND	115	107	7.2	98	100	2.0	
n-Butylbenzene	ND	81	85	4.8	102	90	12.5	
n-Propylbenzene	ND	91	99	8.4	105	93	12.1	
o-Xylene	ND	99	106	6.8	109	96	12.7	
p-Isopropyltoluene	ND	90	95	5.4	103	91	12.4	
sec-Butylbenzene	ND	90	97	7.5	106	92	14.1	
Styrene	ND	99	104	4.9	109	99	9.6	
tert-Butylbenzene	ND	95	104	9.0	108	93	14.9	
Tetrachloroethene	ND	90	97	7.5	103	93	10.2	
Tetrahydrofuran (THF)	ND	125	96	26.2	92	106	14.1	
Toluene	ND	103	109	5.7	113	102	10.2	
trans-1,2-Dichloroethene	ND	120	107	11.5	117	120	2.5	
trans-1,3-Dichloropropene	ND	115	105	9.1	103	110	6.6	
trans-1,4-dichloro-2-butene	ND	120	87	31.9	80	103	25.1	
Trichloroethene	ND	97	101	4.0	102	96	6.1	
Trichlorofluoromethane	ND	122	126	3.2	137	125	9.2	
Trichlorotrifluoroethane	ND	125	122	2.4	120	116	3.4	
Vinyl chloride	ND	120	125	4.1	131	115	13.0	
% 1,2-dichlorobenzene-d4	99	101	101	0.0	98	95	3.1	
% Bromofluorobenzene	97	102	102	0.0	102	101	1.0	
% Dibromofluoromethane	98	109	101	7.6	103	111	7.5	
% Toluene-d8	95	109	101	7.6	101	102	1.0	

QA/QC Batch 119286, QC Sample No: AR28513 (AR28883, AR28888)

Volatiles

1,1,1,2-Tetrachloroethane	ND	101	105	3.9	125	136	8.4	3
1,1,1-Trichloroethane	ND	97	98	1.0	116	122	5.0	
1,1,2,2-Tetrachloroethane	ND	89	93	4.4	109	115	5.4	
1,1,2-Trichloroethane	ND	101	102	1.0	119	125	4.9	
1,1-Dichloroethane	ND	101	102	1.0	118	122	3.3	
1,1-Dichloroethene	ND	88	89	1.1	102	103	1.0	
1,1-Dichloropropene	ND	94	97	3.1	109	119	8.8	
1,2,3-Trichlorobenzene	ND	109	108	0.9	125	130	3.9	
1,2,3-Trichloropropane	ND	106	102	3.8	104	115	10.0	

QA/QC Data

SDG I.D.: GAR28872

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
1,2,4-Trichlorobenzene	ND	104	105	1.0	115	124	7.5	
1,2,4-Trimethylbenzene	ND	88	92	4.4	103	112	8.4	
1,2-Dibromo-3-chloropropane	ND	130	124	4.7	>150	150	NC	3
1,2-Dichlorobenzene	ND	94	96	2.1	110	115	4.4	
1,2-Dichloroethane	ND	100	98	2.0	116	121	4.2	
1,2-Dichloropropane	ND	100	104	3.9	119	129	8.1	
1,3,5-Trimethylbenzene	ND	85	89	4.6	100	109	8.6	
1,3-Dichlorobenzene	ND	92	97	5.3	108	118	8.8	
1,3-Dichloropropane	ND	98	101	3.0	117	122	4.2	
1,4-Dichlorobenzene	ND	93	95	2.1	109	116	6.2	
2,2-Dichloropropane	ND	103	104	1.0	116	120	3.4	
2-Chlorotoluene	ND	87	93	6.7	106	117	9.9	
2-Hexanone	ND	124	125	0.8	133	138	3.7	
2-Isopropyltoluene	ND	89	90	1.1	105	113	7.3	
4-Chlorotoluene	ND	90	95	5.4	104	113	8.3	
4-Methyl-2-pentanone	ND	120	117	2.5	134	136	1.5	
Acetone	ND	102	93	9.2	109	94	14.8	
Acrolein	ND	84	91	8.0	105	111	5.6	
Acrylonitrile	ND	118	110	7.0	134	132	1.5	
Benzene	ND	95	97	2.1	111	116	4.4	
Bromobenzene	ND	92	97	5.3	109	120	9.6	
Bromochloromethane	ND	108	103	4.7	127	128	0.8	
Bromodichloromethane	ND	98	103	5.0	112	119	6.1	
Bromoform	ND	123	125	1.6	149	>150	NC	3
Bromomethane	ND	98	93	5.2	125	108	14.6	
Carbon Disulfide	ND	72	<70	NC	86	87	1.2	
Carbon tetrachloride	ND	102	103	1.0	124	130	4.7	
Chlorobenzene	ND	96	99	3.1	113	123	8.5	
Chloroethane	ND	95	91	4.3	106	108	1.9	
Chloroform	ND	92	94	2.2	82	87	5.9	
Chloromethane	ND	>130	>130	NC	135	140	3.6	3
cis-1,2-Dichloroethene	ND	101	103	2.0	119	123	3.3	
cis-1,3-Dichloropropene	ND	99	100	1.0	121	124	2.4	
Dibromochloromethane	ND	104	110	5.6	131	142	8.1	3
Dibromoethane	ND	106	105	0.9	125	129	3.1	
Dibromomethane	ND	100	100	0.0	121	123	1.6	
Dichlorodifluoromethane	ND	>130	>130	NC	139	143	2.8	
Ethylbenzene	ND	91	93	2.2	106	114	7.3	
Hexachlorobutadiene	ND	86	89	3.4	105	110	4.7	
Isopropylbenzene	ND	84	90	6.9	104	117	11.8	
m&p-Xylene	ND	93	95	2.1	110	117	6.2	
Methyl ethyl ketone	ND	127	122	4.0	130	133	2.3	
Methyl t-butyl ether (MTBE)	ND	92	89	3.3	110	112	1.8	
Methylene chloride	ND	82	80	2.5	96	97	1.0	
Naphthalene	ND	109	117	7.1	127	141	10.4	
n-Butylbenzene	ND	86	90	4.5	99	108	8.7	
n-Propylbenzene	ND	88	93	5.5	101	113	11.2	
o-Xylene	ND	92	90	2.2	109	112	2.7	
p-Isopropyltoluene	ND	92	95	3.2	103	113	9.3	

QA/QC Data

SDG I.D.: GAR28872

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
sec-Butylbenzene	ND	83	87	4.7	97	108	10.7	
Styrene	ND	92	91	1.1	108	116	7.1	
tert-Butylbenzene	ND	86	91	5.6	102	112	9.3	
Tetrachloroethene	ND	93	96	3.2	109	119	8.8	
Tetrahydrofuran (THF)	ND	118	109	7.9	134	133	0.7	
Toluene	ND	94	97	3.1	110	119	7.9	
trans-1,2-Dichloroethene	ND	88	89	1.1	101	103	2.0	
trans-1,3-Dichloropropene	ND	101	102	1.0	120	124	3.3	
trans-1,4-dichloro-2-butene	ND	114	109	4.5	129	129	0.0	
Trichloroethene	ND	95	99	4.1	116	124	6.7	
Trichlorofluoromethane	ND	101	101	0.0	112	115	2.6	
Trichlorotrifluoroethane	ND	97	94	3.1	114	115	0.9	
Vinyl chloride	ND	99	99	0.0	107	109	1.9	
% 1,2-dichlorobenzene-d4	98	102	99	3.0	103	99	4.0	
% Bromofluorobenzene	97	104	101	2.9	104	102	1.9	
% Dibromofluoromethane	96	104	99	4.9	101	100	1.0	
% Toluene-d8	95	104	99	4.9	97	97	0.0	
QA/QC Batch 119291, QC Sample No: AR28876 (AR28874, AR28876, AR28879, AR28885)								
Volatiles								
1,1,1,2-Tetrachloroethane	ND	105			96	103	7.0	
1,1,1-Trichloroethane	ND	98			95	99	4.1	
1,1,2,2-Tetrachloroethane	ND	91			86	94	8.9	
1,1,2-Trichloroethane	ND	101			110	104	5.6	
1,1-Dichloroethane	ND	103			103	104	1.0	
1,1-Dichloroethene	ND	85			80	88	9.5	
1,1-Dichloropropene	ND	94			90	98	8.5	
1,2,3-Trichlorobenzene	ND	93			74	106	35.6	
1,2,3-Trichloropropane	ND	96			100	91	9.4	
1,2,4-Trichlorobenzene	ND	89			61	94	42.6	3
1,2,4-Trimethylbenzene	ND	89			76	88	14.6	
1,2-Dibromo-3-chloropropane	ND	116			111	123	10.3	
1,2-Dichlorobenzene	ND	94			84	95	12.3	
1,2-Dichloroethane	ND	105			104	103	1.0	
1,2-Dichloropropane	ND	104			109	106	2.8	
1,3,5-Trimethylbenzene	ND	87			75	86	13.7	
1,3-Dichlorobenzene	ND	92			75	92	20.4	
1,3-Dichloropropane	ND	100			108	102	5.7	
1,4-Dichlorobenzene	ND	91			74	93	22.8	
2,2-Dichloropropane	ND	98			88	98	10.8	
2-Chlorotoluene	ND	90			81	91	11.6	
2-Hexanone	ND	88			123	96	24.7	
2-Isopropyltoluene	ND	89			84	88	4.7	
4-Chlorotoluene	ND	90			75	89	17.1	
4-Methyl-2-pentanone	ND	114			130	110	16.7	
Acetone	ND	<70			109	70	43.6	
Acrolein	ND	90			90	84	6.9	
Acrylonitrile	ND	117			127	115	9.9	
Benzene	ND	96			96	97	1.0	

QA/QC Data

SDG I.D.: GAR28872

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
Bromobenzene	ND	93			89	95	6.5	
Bromochloromethane	ND	107			110	111	0.9	
Bromodichloromethane	ND	103			94	98	4.2	
Bromoform	ND	122			102	117	13.7	
Bromomethane	ND	96			101	107	5.8	
Carbon Disulfide	ND	74			66	71	7.3	
Carbon tetrachloride	ND	104			90	102	12.5	
Chlorobenzene	ND	99			95	101	6.1	
Chloroethane	ND	90			76	90	16.9	
Chloroform	ND	96			99	98	1.0	
Chloromethane	ND	118			99	116	15.8	
cis-1,2-Dichloroethene	ND	100			102	105	2.9	
cis-1,3-Dichloropropene	ND	100			95	102	7.1	
Dibromochloromethane	ND	105			98	107	8.8	
Dibromoethane	ND	106			111	110	0.9	
Dibromomethane	ND	102			110	107	2.8	
Dichlorodifluoromethane	ND	126			90	122	30.2	
Ethylbenzene	ND	93			88	95	7.7	
Hexachlorobutadiene	ND	87			67	85	23.7	3
Isopropylbenzene	ND	86			85	89	4.6	
m&p-Xylene	ND	95			88	97	9.7	
Methyl ethyl ketone	ND	89			114	93	20.3	
Methyl t-butyl ether (MTBE)	ND	96			101	94	7.2	
Methylene chloride	ND	84			80	80	0.0	
Naphthalene	ND	86			99	111	11.4	
n-Butylbenzene	ND	87			61	82	29.4	3
n-Propylbenzene	ND	90			76	89	15.8	
o-Xylene	ND	92			92	92	0.0	
p-Isopropyltoluene	ND	92			74	89	18.4	
sec-Butylbenzene	ND	86			77	84	8.7	
Styrene	ND	95			91	96	5.3	
tert-Butylbenzene	ND	90			86	90	4.5	
Tetrachloroethene	ND	93			83	99	17.6	
Tetrahydrofuran (THF)	ND	114			124	112	10.2	
Toluene	ND	96			93	98	5.2	
trans-1,2-Dichloroethene	ND	87			80	88	9.5	
trans-1,3-Dichloropropene	ND	100			95	103	8.1	
trans-1,4-dichloro-2-butene	ND	104			84	95	12.3	
Trichloroethene	ND	97			103	101	2.0	
Trichlorofluoromethane	ND	100			87	97	10.9	
Trichlorotrifluoroethane	ND	94			93	95	2.1	
Vinyl chloride	ND	91			80	91	12.9	
% 1,2-dichlorobenzene-d4	102	101			101	100	1.0	
% Bromofluorobenzene	98	103			105	104	1.0	
% Dibromofluoromethane	101	100			101	102	1.0	
% Toluene-d8	96	100			99	97	2.0	

Comment:

Due to poor instrument purge, the LCSD is not reported for this batch.

QA/QC Data

SDG I.D.: GAR28872

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD

3 = This parameter is outside laboratory ms/msd specified limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
January 23, 2009

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

January 23, 2009

SDG I.D.: GAR28872

The samples in this delivery group were received at 4C.
(Note acceptance criteria is above freezing up to 6C)

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4 ° Pg 1 of 2

Data Delivery:
☐ Fax #:
☒ Email: DAVID@ENVIROTRAC.COM

Customer: ENVIRO TRAC
Address:

Project: RETACO
Report to: D. LORTHIOIR
Invoice to: D. LORTHIOIR

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Dirk Lorthioir Date 1/15/09

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request: 8260 STARS

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8260 STARS	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
28872	MW-15	GW	1/15/09		X										
28873	MW-14				X										
28874	MW-12				X										
28875	MW-8				X										
28876	MW-11				X										
28877	MW-1				X										
28878	A-2				X										
28879	A-3				X										
28880	MW-3				X										
28881	MW-5				X										
28882	C-2				X										
28883	C-3				X										

Relinquished by:	Accepted by:	Date:	Time:
Dirk Lorthioir		1-16-09	10:15
		1/16/09	17:00

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: NY

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4° Pg 2 of 2

Data Delivery:
☐ Fax #: _____
☐ Email: _____

Customer: ENVIROTRAC
Address: _____

Project: RETACO
Report to: D. LORTHIOIR
Invoice to: D. LORTHIOIR

Project P.O: _____
Phone #: _____
Fax #: _____

Client Sample - Information - Identification

Sampler's Signature: _____ Date 1/15/09

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

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28884	B-2	GW	1/15/09		X									
28885	B-3	↓	↓		X									
28886	MW-4				X									
28887	MW-7				X									
28888	MW-9				X									

Relinquished by:	Accepted by:	Date:	Time:
		1-16-09	10:15
		1/16/09	17:00

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