GROUNDWATER MONITORING REPORT - APRIL 2009 SAMPLING EVENT

The Vatrano Road Site
Albany, New York

New York State
Department of Environmental Conservation
Inactive Hazardous Waste Site Number: 401036

CHA Project No.: 7899.1002.1102

Prepared for:

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1.0 INTRODUCTION

This is the ninth Annual Monitoring Report, following eight previous Annual Reports and two series of Semi-Annual Reports, for the former General Electric Vatrano Road Service Center. The 2003 report was scheduled to be the final Annual Monitoring Report; however, due to the persistent detection of PCBs and VOCs in samples from a limited number of the monitoring wells, additional rounds of annual monitoring events were conducted from 2004 to 2009 to further evaluate PCB and VOC concentrations at the site. This report has been prepared and the associated monitoring performed by CHA, Albany, New York.

In keeping with the reporting requirements outlined in the December 1998 *Operations, Maintenance and Monitoring Plan,* sampling was to be conducted on a semi-annual basis beginning in October of 1998 and continuing for two years, and on an annual basis beginning in 2001 and continuing for three years. The plan was approved by the New York State Department of Environmental Conservation (NYSDEC) in a letter dated February 1, 1999. As part of this report, a review of the data collected since the remediation took place has been conducted to determine what, if any, further actions are necessary.

In March 2006, monitoring well MW-1 was replaced because of damage to the riser that prevented water level readings and samples from being collected. This well is considered to be the upgradient well and representative of the site's natural groundwater chemistry. The results from this well are compared to the results from the downgradient wells to ensure that concentrations of PCBs and VOCs are not influenced from an off-site source of contamination. The replacement well was installed as a flush mount well to protect it from future traffic damage in the parking lot where it is located. Information detailing the installation of the new monitoring well MW-1 was presented in the July 2006 report.

The location of the subject site is illustrated by Figure 1. A site plan, which illustrates the portion of the property that was remediated in the fall of 1997, together with the groundwater monitoring network, is provided as Figure 2.

This report was prepared to present and discuss the laboratory results for the groundwater samples collected from the site's groundwater monitoring wells during the April 2009 annual sampling event, as well as to discuss the data that has been collected since active remediation of the site was completed.

This report consists of the following sections. Section 1.0 is this Introduction. Section 2.0 provides a site description, which gives a brief history of the site, subsurface geologic and hydrogeologic conditions, a description of the monitoring well network, and pre-remediation groundwater sampling. Section 3.0 presents and discusses the conditions of the April 2009 sampling procedures and the laboratory data. Section 4.0 is the Summary of the findings of the current sampling event relative to all of the post-remediation sampling events. Lastly, Section 5.0 presents CHA's recommendations for the site.

Copies of this report have been forwarded to the following:

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2.0 SITE DESCRIPTION

As illustrated by Figures 1 and 2, the subject site is located on Vatrano Road in the City of Albany, New York, just east of Central Avenue near the Town of Colonie border. A series of railroad tracks owned and operated by Consolidated Rail forms the southern boundary of the site, with Interstate 90 located further to the south. The site consists of a vacant lot within the Vatrano Commercial Park, and is less than two acres in size. During the spring of 1998, a chain link fence was placed near the rear of the site. The area in front of this fence was paved with asphalt and is currently used as a parking lot. The surrounding area is occupied by commercial and light industrial facilities, with the nearest residential properties located immediately to the north of the Vatrano Road Commercial Park.

2.1 HISTORY

From 1956 through 1981, the General Electric Company leased what is now known as 14 Vatrano Road, the structure immediately to the west of the subject site. This facility was used as an apparatus repair shop by General Electric, where electric motors and transformers containing polychlorinated biphenyls (PCBs) were serviced.

The results of a series of preliminary investigations indicated that the subject site's soils were contaminated with PCBs. As a result, the NYSDEC identified the property as an inactive hazardous waste disposal site that represented a significant threat to the environment. In 1990, the NYSDEC and General Electric entered into an order on consent, which required General Electric to conduct a Remedial Investigation/Feasibility Study (RI/FS) for the site. This study identified the nature and extent of the contamination on the property, and identified and evaluated remedial alternatives that General Electric could use to meet the goal of the remedial program. The objective of the remedial program was to restore the site to predisposal conditions, to the extent feasible, and authorized by law, while eliminating or mitigating all significant threats to public health and the environment.

In early 1997, the property owner asked General Electric to expedite the remediation of the site. General Electric re-evaluated the stabilization/solidification remedy and the contingent remedy (the excavation and off-site disposal of contaminated soils) and found that remediation could be completed in 1997 if the contingent remedy (excavation with off-site disposal) was chosen. Since both the selected remedy and the contingent remedy would achieve the cited remedial objective, the NYSDEC approved the implementation of the contingent remedy.

From October through December of 1997, the site was remediated by Four Seasons Environmental under the supervision of CHA. A full description of the remediation can be found in the December 1998, *Remediation Engineering Certification Report*, also prepared by CHA.

2.2 REGIONAL GEOLOGY & HYDROGEOLOGY

The geology of the region consists of Ordovician age bedrock overlain by unconsolidated glacial till and outwash deposits and/or glacial lake deposits. The Ordovician bedrock is comprised predominantly of dark-gray to black argillaceous shales with occasional layers of limestone and localized chert.

Overlying the bedrock are glacial tills, glacial outwash deposits, and lacustrine (lake) deposits. The tills are comprised of poorly sorted fine to coarse grain sized materials and are generally found in lateral moraines which were deposited by advancing glaciers along the sides of the valleys. The outwash deposits are clean, well sorted sands and gravels found generally throughout the valley floor, having been deposited by streams originating from the melting glaciers during glacier retreats. The lacustrine deposits are comprised of silts and clays deposited in lakes formed during the temporary halts in advancements or retreats of the glaciers and are locally known as the Lake Albany Deposits.

The glacial deposits are reportedly up to three hundred and fifty feet thick in some areas. All of the glacial deposits are discontinuous laterally and vary in thickness throughout, thereby producing a

complex geologic and hydrogeologic setting.

The regional hydrogeologic feature controlling this area is the Hudson River, which is located between three and four miles east of the site.

2.3 SITE SOILS & HYDROGEOLOGY

Borings advanced on site encountered two to ten feet of ash and cinder fill over natural soil. The fill contained wood, brick, cinder blocks, asphalt and metal debris in sand, silt, cinders and ash. Natural soil underlying the fill and debris consists of approximately ten feet of silty sand, with 30 feet of clayey silt below the silty sand. Depth to bedrock is unknown.

The Patroon Creek flows easterly and passes the site approximately 200 feet to the south. This feature exerts local hydrologic control over the site's groundwater flow direction, with groundwater flowing to the south toward the Patroon Creek.

The New York State Bedrock Geologic Map indicates that the site is underlain with the Ordovician Normanskill Formation, which has a relatively low permeability resulting in significantly lower water production rates than those associated with the glacial deposits. Permeability within the bedrock is directly related to the extent of fracturing and joints within the rock. Moderate levels of groundwater production may occur in portions of the bedrock where jointing and fracturing are significant, as random beds of limestone within the bedrock have been known to yield significant quantities of water. The extent of bedrock joints and fracturing beneath the Vatrano Road site has not been determined.

2.4 MONITORING WELL NETWORK

As stated, there are nine groundwater-monitoring wells associated with the Vatrano Road site monitoring network. Wells MW-6, MW-7 and MW-8 are located off-site just to the north of Patroon

Creek. The remaining wells (MW- 1 through MW-5 and MW-9) are located on the site. During the remediation of the site conducted in October through December of 1997, the six on-site groundwater monitoring wells (MW-1 through MW-5 and MW-9) were removed and replaced with six new wells. As discussed in the Introduction (Section 1.0), monitoring well MW-1 was replaced in 2006 due to vehicular damage that ultimately resulted in the destruction of the original well. The location of the new monitoring MW-1 is approximately 6 feet northeast of the prior monitoring well MW-1.

The current locations of the wells are illustrated by Figure 2. The new wells were installed in similar locations and to similar depths as the wells that were present on-site prior to the implementation of the remedy; however, some changes were made based on contamination levels discovered during the remediation. Well data and groundwater elevations from the last thirteen (13) monitoring events (April 1998, October 1998, April 1999, October 1999, April 2000, March 2001, March 2002, March 2003, April 2004, April 2005, April 2006, April 2007, April 2008 and April 2009) are presented in Table 1.

2.5 SITE GROUNDWATER FLOW AND AQUIFER CHARACTERISTICS

Based on the latest water level measurements, groundwater flow was determined to be to the south towards Patroon Creek. The hydraulic gradient across the northern portion of the site for the April 2009 monitoring event was observed to be generally consistent with previous monitoring events, and groundwater was determined to flow in keeping with localized topography toward Patroon Creek.

The gradient across the site was calculated to be 0.04 feet per foot; however, it should be noted that a steeper gradient is apparent in the southeastern portion of the site (Figure 3). These results are generally consistent with historical data. Typically, water level data obtained during previous monitoring events indicate that the gradient at the southern end of the site is steeper than that of the northern portion, thus reflecting the influence of Patroon Creek and the local topography.

These data indicate that the shallow overburden aquifer likely discharges to Patroon Creek. Figure 3

shows the groundwater contours based on the water levels measured on April 22, 2009 in the wells installed within the shallow aquifer. Well MW-9 is installed deeper in the aquifer; therefore, the water levels from monitoring well MW-9 were not used in developing the groundwater contour map.

When compared to adjacent monitoring wells that are installed in the shallow aquifer, historical water level data from MW-9 has typically indicated a vertically downward component of flow. Although soil boring data at the time monitoring well MW-9 was installed did not necessarily indicate the presence of a confining layer, the difference in water level could be evidence that the water bearing zone or aquifer monitored by MW-9 is confined.

3.0 APRIL 2009 SAMPLING EVENT

On April 22 and 23, 2009, a team of qualified CHA scientists measured groundwater levels and collected groundwater samples from all nine groundwater monitoring wells. The procedures used as well as the current site conditions are described in the following sections.

3.1 CURRENT SITE CONDITIONS

Prior to collecting groundwater samples, an overall site inspection was completed. Photographs taken during this site inspection are included as Appendix A.

Access to monitoring wells MW-5, MW-4, MW-3, MW-2 and MW-9 is obtained through a gate located at the extreme eastern end of the Vatrano Road Complex of buildings. Photographs of these wells are included in Appendix A. Debris was noted during the 2004 and 2005 monitoring events to be in the right-of-way to the wells behind the gate discussed above; however, this pile of debris was removed prior to the April 2006 sampling event and the area has remained clear.

At the time of the April 2006 sampling event, the access gate was observed to have been damaged. The bottom left section of the gate had the mesh fencing removed from it and the frame section on the bottom right section was bent. The gate was observed to be in the same condition and was found to be opened and unlocked during the April 2008 sampling event.

During the April 2009 sampling event it was observed that the section of fencing and gate which was attached to the Southeast corner of Building 16 had been removed. Also the area between Building 16 and the rail road tracks at the Southeastern corner of Building 16 has been graded, stone has been brought in, compacted and leveled and an employee parking area was created. As a result, there is no secured access at the Eastern end of the site. Photographs of the Eastern access to the site and the newly constructed employee parking area at the Southeast corner of Building 16 are included as Photographs 1 and 2 in Appendix A.

Access to monitoring wells MW-6, MW-7 and MW-8 is obtained through a locked gate on an access road off of Central Avenue immediately on the South side of the railroad tracks. Photographs of these wells are included in Appendix A.

The parking area between Buildings 14 and 16 is paved with asphalt with the surface in good condition. The flush-mount monitoring well MW-1 is located at the northern corner of this area. The well is located approximately 6 feet northeast of the former (above ground) MW-1 and is approximately 44 feet from the northeast corner of Building 14. The cover to the well is constructed of steel and is attached to the ground for the protection of the well below. A picture of the flush-mount MW-1 is included as Photograph 3 in Appendix A.

There is a six foot high chain link fence that runs from the southeast corner of Building 14 to the southwest corner of Building 16. During previous sampling events, the fence has been observed in various stages of disrepair. However, since the 2007 sampling event, the fence has been found to be intact and secure. This fence can be observed in Photograph 7 of Appendix A.

All on-site monitoring wells were in good condition and were locked at the time of this sampling event.

The unpaved area located south of Buildings 14 and 16 was generally in good condition. There was no evidence of significant erosion noted at the time of this sampling event.

3.2 PROCEDURES

A photoioniozation detector (PID) was utilized to check the headspace of each well for organic vapors immediately upon opening each well cap. Readings of 0.0 ppm were registered on the PID in each of the wells in the monitoring network for the site. Therefore, no organic vapors were detected in any of the monitoring wells. The observed organic vapor levels are recorded on the Groundwater Well Field Sampling Summary (Table B.1) included as Appendix B.

Prior to sampling, the water level in each well was measured to the nearest one hundredth of a foot using an electronic water level meter. The water level meter was thoroughly decontaminated between monitoring wells using accepted protocols. A summary of the elevations of the groundwater in each of the monitoring wells is included as Table 1. This data was used to develop the groundwater piezometric map presented as Figure 3.

As previously recommended by CHA and as utilized since the 2005 monitoring event, sampling during the April 2009 event was conducted by utilizing an accepted Low-Flow Purging and Sampling Method. Dedicated 3/8-inch High Density Polyethylene (HDPE) tubing was installed in each well during the April 2005 sampling event and utilized for the purposes of purging and sampling during monitoring events. The use of dedicated tubing in each well reduces the potential for cross contamination. Purge water from the on-site wells was placed in a properly labeled drum and was removed for proper disposal by Clean Harbors Environmental Services, Inc. of Glenmont, New York. A copy of the manifest for the disposal of the purge water is included as Appendix C. A photograph of the drum containing the purged water from the wells is included as Photograph 11 in Appendix A.

Groundwater was extracted from each well at a rate ranging from 150 to 225 ml/min via the installed dedicated tubing utilizing a combination of a submersible pump and a low-flow controller. As water was extracted from each well, field parameters including turbidity, temperature, pH, conductivity and Eh were obtained and recorded at five-minute time intervals. These parameters were recorded on field sampling logs and are summarized in Table B.1, included as Appendix B. When each well achieved three consecutive sets of field parameter readings within accepted Low-Flow Sampling Standards, water samples were collected. For QA/QC purposes, a blind duplicate sample (MW-10) and a trip blank were submitted for analysis. The duplicate sample was collected from monitoring well MW-5.

The use of the Low-Flow Purging and Sampling Method was successful as demonstrated by the fact that the turbidity levels for all of the monitoring wells at the time of sampling was below 50 NTUs and, therefore, no field filtering was necessary.

The samples were labeled, stored in a cooler with ice to maintain proper temperature, and delivered to Adirondack Environmental Services of Albany, NY with the appropriate chain of custody documents. A copy of the Chain of Custody is included as Appendix E.

3.3 LABORATORY ANALYSIS AND QUALITY CONTROL

Historically, each groundwater sample was analyzed for the presence of volatile organics via EPA Method 8260, PCBs via EPA Method 608, lead via EPA Method 200.7, and mercury via EPA Method 245.1. However, in CHA's 2008 Annual Report, a recommendation was made that lead and mercury be removed from the list of analytes given that mercury was last detected at the site in October 1999, and lead was last detected in April 2004. During a March 27, 2009 telephone conversation with Mr. Gerry Pratt of the NYSDEC, permission was granted for the elimination of the analyses for lead and mercury in all of the monitoring wells with the exception of MW-9. Consequently, all monitoring well samples obtained during the April 2009 sampling event were analyzed solely for the presence of volatile organics via EPA Method 8260 and PCBs via EPA Method 608. Samples obtained from MW-9 were additionally analyzed for the presence of lead via EPA Method 200.7 and mercury via EPA Method 245.1.

Analytical procedures were performed by Adirondack Environmental Services of Albany, NY, which holds current NYSDEC certifications to perform the required analyses per the New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP). All analytical QA/QC and laboratory procedures were consistent with EPA SW-846.

3.4 LABORATORY ANALYSIS DISCUSSION

3.4.1 Groundwater Data

A summary of the groundwater quality data (detected parameters only) is presented in Table 2, where it is compared to data generated from previous monitoring events and to applicable standards.

Shaded values indicate a concentration greater than the New York State Groundwater Standards (6 NYCRR 703). The complete data package and chain of custody information from the April 2009 sampling event are included as Appendix D and Appendix E, respectively.

As illustrated by Table 2, PCBs were only detected in the sample from well MW-2 during the 2009 sampling event. During the 2008 sampling event, concentrations of PCBs were detected in water samples from both MW-2 and MW-9. As with the 2008 sampling, the total PCB concentration detected in MW-2 during the 2009 sampling event was present at a level above the groundwater standard guidance value. PCBs have been consistently detected in MW-2. The detected concentrations of PCBs in MW-2 decreased slightly from the previous monitoring event in 2008, and concentrations in this well have generally decreased since monitoring began in 1991.

PCBs were not detected in any of the off-site wells (MW-6, MW-7, and MW-8) during the 2009 monitoring event. PCBs were detected, for the first and only time to date, in the monitoring well MW-6 sample during the April 2005 monitoring event. This result is thought to be an anomaly as no other concentrations of PCBs have been detected in this well.

PCBs were detected for the first time in well MW-9 during the 2007 monitoring event. While it was thought that this detection may have been an anomaly, PCBs were again detected during the 2008 monitoring event. Detected concentrations for 2008 were significantly lower than those of 2007. However, PCBs were not detected at levels above the reporting limit in the sample from well MW-9 during the 2009 sampling event.

As stated previously in Section 3.3 of this report, a representative from the NYSDEC granted permission for the discontinuance of the analyses for total metals (lead and mercury) in all of the sites monitoring wells with the exception of MW-9. As a result, a groundwater sample from this well was analyzed for these parameters. However, neither lead nor mercury was detected at a concentration above the reporting limit.

Relative to current and historical VOC levels on-site, MW-2 continues to be the monitoring well

most impacted by VOCs. During the April 2009 sampling event, concentrations of trichloroethene (55 µg/L), 1,2-dichloroethene (180 µg/L) and tetrachloroethene (330 µg/L) were detected in the sample collected from this well. The detected levels exceed the established NYSDEC standards of 5 µg/L for each of these parameters.

1,2-Dichloroethene was detected in the samples from monitoring wells MW-4 and MW-7. The detected levels in these wells were 7.6 µg/L and 8.5 µg/L respectively. Both of these values are above the groundwater standard guidance value of 5.0 µg/L. This compound was last detected in MW-4 at a concentration of 5.3 µg/L during the April 2006 sampling event. The recently detected concentration of 1,2-dichloroethene (8.5 µg/L) in MW-7 is slightly higher than that detected during the April 2008 sampling event (5.3 µg/L). However, the levels 1,2-dichloroethene identified in both of these wells during the April 2009 sampling event are within the historical ranges of detected concentrations for these wells.

During the 2008 sampling event, vinyl chloride was detected at the site for the first time. It was detected in monitoring well MW-2 at a concentration of 33 µg/L, which was greater than the established NYSDEC standard of 2 µg/L for this compound. However, the groundwater sample obtained from this well during the April 2009 sampling event did not contain vinyl chloride at levels above the reporting limit.

Analytical data from the 2008 sampling event revealed that a number of samples as well as the associated trip blanks contained estimated concentrations of methylene chloride and acetone, both of which are common laboratory contaminants. These detections were considered to be an artifact of laboratory contamination and did not represent real detections. No such occurrences were observed in the April 2009 analytical data.

3.4.2 QA/QC Data

A review of the available QA/QC data indicates that the quality of the analytical results is acceptable. The laboratory data package did not contain any qualified data. No QA/QC problems or

issues were identified during any of these analyses.

The results from the primary sample collected from monitoring well MW-5 are consistent with the field duplicate (sample MW-10). No parameters were detected in either of these samples.

4.0 SUMMARY

The site was observed to be in overall good condition during the April 2009 sampling event. The East end of the site has undergone a major change with the creation of an employee parking area at the Southeast corner of Building 16, between the back of the building and the rail road tracks. During the installation of this parking area, a section of fencing and portion of a gate which secured the east end of the site was removed, thereby exposing the site to foot traffic from the east. The flush-mount replacement monitoring well MW-1 was found to have been undisturbed, and the remaining monitoring wells associated with the site were locked and were not damaged at the time of the April 2009 monitoring event.

During the April 2009 sampling event, samples were collected utilizing a low flow procedure. At the time of sampling, turbidity levels were all less than 50 NTU and field filtering of samples was not required. All of the collected samples were analyzed as totals, and no dissolved analyses were performed.

The laboratory results for the groundwater samples collected from the monitoring well network associated with the site in April 2009 indicate that PCBs were detected in only one of the nine monitoring wells (MW-2). In well MW-2, concentrations of detected PCBs have been steadily decreasing since March 2003 until April 2007, when the detected concentration was at a level below the standard. During April 2008, however, detected concentrations of PCBs in this well rose above the standard. During April 2009, PCBs were detected at levels slightly less than those observed during 2008, but again at a concentration above the applicable groundwater standards.

PCBs were not detected in the sample from MW-5 or its duplicate sample (MW-10) for the second consecutive year. In April 2007, PCBs were detected in MW-5 at levels above the standard, but none were detected in the duplicate sample. Historically, PCBs have been detected in MW-5 at concentrations above the groundwater standard.

PCBs were not detected in MW-9 during the 2009 sampling event. PCBs were first detected in this well during the April 2007 monitoring event and at that time, the detection was thought to have been an anomaly since PCBs had not been previously detected in this well. In 2008, PCBs were again detected in this well. The detected concentration of PCBs exceeded groundwater standards during both the April 2007 and April 2008 sampling events. However, PCB concentrations decreased from the April 2007 to the April 2008 event and no PCBs were detected in 2009.

The VOC levels detected in the groundwater samples in well MW-2 during the April 2009 monitoring event exhibited an increase relative to the levels detected during the April 2008 event. Although VOC concentrations in this well have generally decreased or remained stable since monitoring began, VOC levels have increased during the last two sampling events. However, all concentrations are within the historical ranges for these parameters.

Trichloroethene, tetrachloroethene and 1,2-dichloroethene continue to be detected at concentrations in exceedance of groundwater standards in MW-2. Concentrations of all three compounds were higher than those detected during the April 2008 monitoring event.

The parameter1,2-dichloroethene was also detected in MW-4 and MW-7 during the 2009 monitoring event. This compound had not been detected in MW-4 since April 2006 and has been continuously detected in MW-7 since March 2003. The concentration of 1,2-dichloroethene in both of these wells is in exceedance of the groundwater standard but are within the historical range of detected values for these wells. The detected concentration of 1,2-dichloroethene in MW-7 during the 2009 monitoring event is slightly higher than that detected during the 2008 sampling event.

Vinyl chloride was detected for the first time at the site in during the 2008 sampling event. It was detected in monitoring well MW-2 at a concentration which exceeds the established NYSDEC standard for this compound. Vinyl chloride is a break-down product of tetrachloroethene, trichloroethene, and 1,2-dichloroethene. However, no vinyl chloride was detected in this well or in any other wells at the site during the 2009 sampling event.

Chlorobenzene was not detected above the reporting limits in any of the nine monitoring wells during the April 2009 monitoring event.

PCBs were not detected in any of the off-site wells (MW-6, MW-7, and MW-8) during the April 2009 monitoring event.

As stated previously in Section 3.3 of this report, a representative from the NYSDEC granted permission for the discontinuance of the analyses for total metals (lead and mercury) in all of the sites monitoring wells with the exception of MW-9. As a result, a groundwater sample from this well was analyzed for these parameters and no concentration of either lead or mercury was detected.

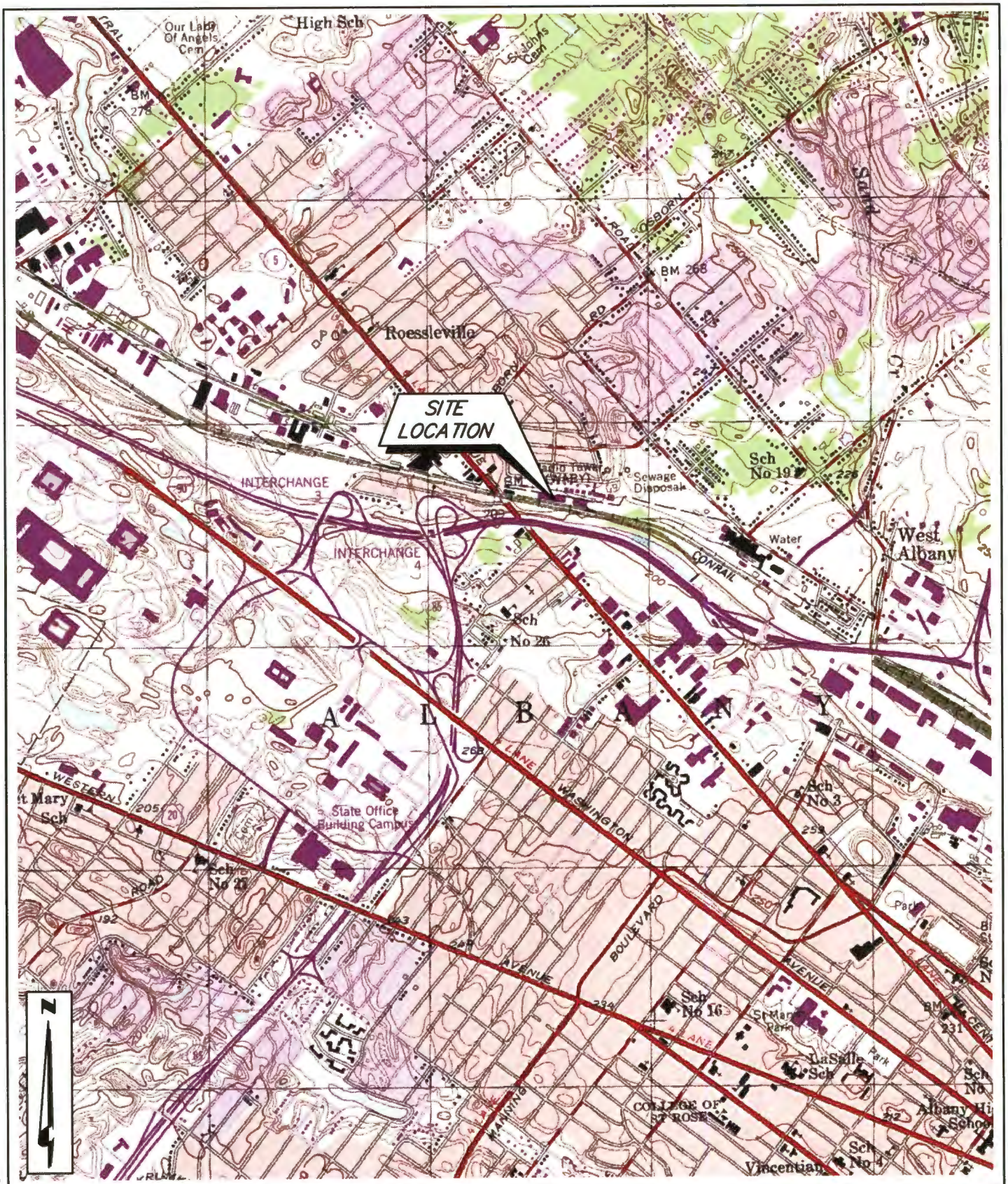
5.0 RECOMMENDATIONS

The March 2003 Annual Monitoring event was scheduled to be the third, and final, of three annual monitoring events for the site as specified in the March 1998 Post-closure Monitoring and Maintenance Operations Manual. However, due to levels of PCBs and VOCs detected in the monitoring wells during the 2003 sampling event, CHA recommended that the annual monitoring program continue for an additional year so that any increase or decrease in PCB and VOC concentrations could be observed. However, during each event since 2003, a limited number of the parameters of concern have exceeded applicable groundwater standards.

As a result of the continued detection of VOCs and PCBs above the groundwater standards, the annual monitoring program has been extended for an additional year. In an overall review of the historical data, levels of parameters analyzed have either stabilized or are generally decreasing over time, and many parameters are present at levels that are less than the reporting limits. However, as with the 2008 monitoring data, the 2009 monitoring results continue to indicate PCB and VOC levels with some concentrations remaining above standards. As a result, CHA recommends that an additional round of sampling be performed in 2010. However, based on historical data, it is proposed that wells MW-3 and MW-8 no longer be sampled. It is recommended, however, that these wells be gauged so that the water level data may be utilized in the development of the groundwater contour map for the monitoring event.

CHA also recommends that low-flow sampling procedures continue to be utilized in sample collection because turbidity levels in the samples collected for analyses have been below 50 NTU and the field filtration of samples has not been necessary.

FIGURES



SOURCE: U.S.G.S. 7.5' Topographic
QUADRANGLE: ALBANY, NY

SCALE: 1"=2000'

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7899.1002.1102 | DATE: MAY, 2009

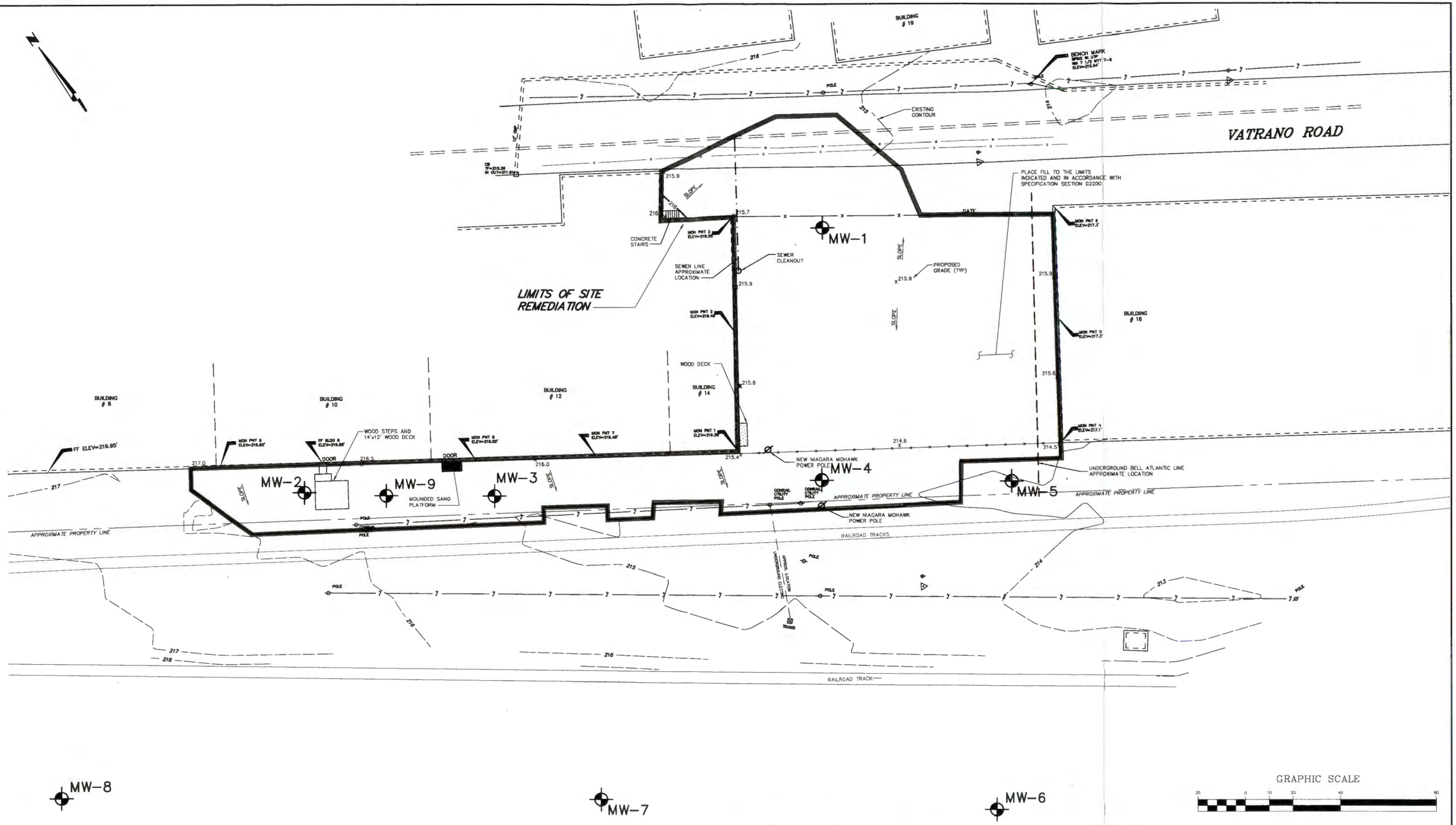
FIGURE 1

SITE LOCATION MAP

VATRANO ROAD SITE

ALBANY
STATE OF NEW YORK

File: M:\7899\ACAD\SITELOC.dwg User: 330 6/8/2005 03:08 PM



SCALE: 1" = 40'

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FIGURE 2

MONITORING REPORT

POST REMEDIATION CONDITIONS MAP

REMEDIATION OF THE VATRANO ROAD SITE
NYSDEC ID #401036, ALBANY, NEW YORK

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LEGEND

202 GROUNDWATER CONTOUR

VATRANO ROAD

LIMITS OF SITE REMEDIATION

MW-1 210.50

MW-2 207.65

MW-3 207.57

MW-4 207.48

MW-5 207.37

MW-6 201.03

MW-7 202.76

MW-8 203.27

MW-9

BUILDING # 8

BUILDING # 10

BUILDING # 12

BUILDING # 14

BUILDING # 16

BUILDING # 19

BENCH MARK

CONCRETE STAIRS

SEWER LINE APPROXIMATE

SEWER CLEANOUT

PROPOSED GRADE (TYP)

GATE

PLACE FILL TO THE LIMITS INDICATED AND IN ACCORDANCE WITH SPECIFICATION SECTION 02200

EXISTING CONTOUR

WOOD STEPS AND 14'x12' WOOD DECK

MOUNDED SAND PLATFORM

NEW NIAGARA MOHAWK POWER POLE

UNDERGROUND BELL ATLANTIC LINE APPROXIMATE LOCATION

APPROXIMATE PROPERTY LINE

RAILROAD TRACKS

POWER POLE

GRAPHIC SCALE

SCALE: 1" = 40'

CHA

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FIGURE 3

MONITORING REPORT

APRIL 2009 GROUNDWATER CONTOUR MAP

REMEDIATION OF THE VATRANO ROAD SITE
NYSDEC ID #401036, ALBANY, NEW YORK

File: M:\7899\ACAD\POSTREM.dwg User: 330 6/8/2005 03:08 PM

TABLES

TABLE 1

GROUNDWATER MONITORING WELL DATA & WATER ELEVATIONS

2009 Annual Monitoring Report
Vatrano Road
Albany, NY

WELL #	Ground Elevation (ft MSL)	Elevation of Screened Interval (ft MSL)	PVC Stickup from ground (ft)	4/13/1998 Water Elev. (ft MSL)	10/28/1998 Water Elev. (ft MSL)	4/7/1999 Water Elev. (ft MSL)	10/25/1999 Water Elev. (ft MSL)	4/5/2000 Water Elev. (ft MSL)	3/23/2001 Water Elev. (ft MSL)	3/21/2002 Water Elev. (ft MSL)	3/19/2003 Water Elev. (ft MSL)	4/27/2004 Water Elev. (ft MSL)	4/4/2005 Water Elev. (ft MSL)	4/27/2006 Water Elev. (ft MSL)	4/25/2007 Water Elev. (ft MSL)	4/15/2008 Water Elev. (ft MSL)	4/22/2009 Water Elev. (ft MSL)
MW-1	215.23	200.23-210.23	2.42	210.21	209.17	210.15	210.00	213.47	210.71	209.81	210.54	210.53	NA	210.89	211.48	211.05	210.50
MW-2	216.20	198.70-208.70	2.65	207.91	206.87	207.98	208.10	208.45	208.73	207.47	208.23	208.58	209.51	205.98	206.80	208.45	207.65
MW-3	215.53	198.03-208.03	2.24	207.85	206.57	207.93	208.00	208.35	208.61	207.36	208.12	208.45	209.22	206.31	206.73	208.35	207.57
MW-4	214.58	198.08-208.08	2.46	207.79	206.82	207.86	207.93	208.24	208.54	207.26	208.07	208.37	209.31	205.94	207.08	208.24	207.48
MW-5	214.54	197.54-207.54	2.46	207.64	206.78	207.72	207.79	208.10	208.46	207.20	207.90	208.20	209.18	205.99	206.97	208.10	207.37
MW-6	201.86	186.86-196.86	2.27	200.22	198.43	200.77	200.38	200.98	201.15	198.72	201.28	201.18	200.33	198.56	199.21	200.98	201.03
MW-7	204.03	189.03-199.03	1.83	201.56	200.86	201.14	202.15	202.96	202.81	202.50	202.81	202.78	203.00	201.08	201.33	202.96	202.76
MW-8	206.29	191.29-201.29	1.80	202.61	201.89	202.63	202.69	203.61	203.44	204.77	203.44	203.38	203.65	201.43	202.36	203.61	203.27
MW-9	215.95	164.95-169.95	1.33	205.08	204.48	205.14	205.08	205.60	205.39	204.67	205.20	205.48	205.78	204.11	204.55	205.60	205.20

Note: On 3/20/06, the existing, damaged MW-1 was abandoned and replaced with a flush mount well.

TABLE 2

GROUNDWATER ANALYSIS SUMMARY TABLE
2009 Annual Monitoring Report
Vatrano Road
Albany, NY

Parameter (ug/l) [*]	WELL NUMBER									
Date Sampled	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10**
Total PCB's [0.09]										
Aug-91	ND	5.180	1.200	ND	ND	ND	ND	ND	ND	ND
Jul-97	NA	3.190	0.680	NA	NA	NA	ND	ND	ND	ND
Apr-98	ND	0.383	ND	ND	17.000	ND	ND	ND	ND	ND
Oct-98	ND	0.3J	ND	ND	1.200	ND	ND	ND	ND	ND
Apr-99	ND	1.390	ND	ND	4.800	ND	ND	ND	ND	ND
Oct-99	ND	0.850	ND	ND	2.000	ND	ND	ND	ND	ND
Apr-00	ND	0.610	ND	ND	0.570	ND	ND	ND	ND	ND
Mar-01	ND	1.011	ND	ND	1.400	ND	ND	ND	ND	ND
Mar-02	ND	1.240	ND	ND	0.720	ND	ND	ND	ND	0.220
Mar-03	ND	1.820	ND	ND	6.270	ND	ND	ND	ND	10.300
Apr-04	ND	0.910	ND	ND	12.300	ND	ND	ND	ND	12.200
Apr-05	NA	0.530E	ND	ND	0.138E	0.103	ND	ND	ND	0.088E
Apr-06	ND	0.341	ND	ND	ND	ND	ND	ND	ND	0.071
Apr-07	ND	0.066	ND	ND	0.68	ND	ND	ND	0.561	ND
Apr-08	ND	0.526	ND	ND	ND	ND	ND	ND	0.152	ND
Apr-09	ND	0.480	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene [5]										
Aug-91	ND	24	ND	ND	ND	ND	ND	ND	ND	ND
Jul-97	NA	ND	ND	NA	NA	NA	ND	ND	ND	ND
Apr-98	ND	23	ND	ND	ND	ND	ND	ND	ND	ND
Oct-98	ND	89	ND	ND	ND	ND	3J	ND	ND	ND
Apr-99	ND	47	ND	ND	ND	ND	ND	ND	ND	ND
Oct-99	ND	36	ND	ND	ND	ND	2J	ND	ND	ND
Apr-00	ND	22	ND	ND	ND	ND	ND	ND	ND	ND
Mar-01	ND	17	ND	ND	ND	ND	ND	ND	ND	ND
Mar-02	ND	37	ND	ND	ND	ND	ND	ND	ND	ND
Mar-03	ND	20	ND	ND	ND	ND	ND	ND	ND	ND
Apr-04	ND	37	ND	ND	ND	ND	ND	ND	ND	ND
Apr-05	NA	22	ND	ND	ND	ND	ND	ND	ND	ND
Apr-06	ND	23	ND	ND	ND	ND	ND	ND	ND	ND
Apr-07	ND	18	ND	ND	ND	ND	ND	ND	ND	ND
Apr-08	ND	51	ND	ND	ND	ND	ND	ND	ND	ND
Apr-09	ND	55	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene [5]										
Aug-91	ND	56	ND	ND	ND	ND	ND	ND	ND	ND
Jul-97	NA	20	ND	NA	NA	NA	ND	ND	ND	ND
Apr-98	ND	270	ND	ND	ND	ND	ND	ND	ND	ND
Oct-98	ND	460	ND	ND	ND	ND	3J	ND	ND	ND
Apr-99	ND	160	ND	ND	ND	ND	ND	ND	ND	ND
Oct-99	ND	150	ND	ND	ND	ND	ND	ND	ND	ND
Apr-00	ND	120	ND	ND	ND	ND	ND	ND	ND	ND
Mar-01	ND	140	ND	ND	ND	ND	5	ND	ND	ND
Mar-02	ND	220	ND	ND	ND	ND	ND	ND	ND	ND
Mar-03	ND	110	ND	ND	ND	ND	6.2	ND	ND	ND
Apr-04	ND	160	ND	ND	ND	ND	5.3	ND	ND	ND
Apr-05	NA	160	ND	ND	ND	ND	ND	ND	ND	ND
Apr-06	ND	170	ND	ND	ND	ND	ND	ND	ND	ND
Apr-07	ND	120	ND	ND	ND	ND	ND	ND	ND	ND
Apr-08	ND	180	ND	ND	ND	ND	ND	ND	ND	ND
Apr-09	ND	330	ND	ND	ND	ND	ND	ND	ND	ND
1,2 Dichloroethene [5]										
Aug-91	ND	74	4J	7	ND	ND	2J	ND	ND	ND
Jul-97	NA	ND	ND	NA	NA	NA	ND	ND	ND	ND
Apr-98	ND	78	ND	ND	ND	ND	ND	ND	ND	ND
Oct-98	ND	350	4J	10	ND	ND	4J	ND	ND	12
Apr-99	ND	230	ND	7	ND	ND	5	ND	ND	7
Oct-99	ND	130	5	8	ND	ND	5	ND	ND	9
Apr-00	ND	73	ND	5.1	ND	ND	6	ND	ND	5.3
Mar-01	ND	57	9	5	ND	ND	6	ND	ND	ND
Mar-02	ND	160	ND	ND	ND	ND	ND	ND	ND	ND
Mar-03	ND	62	7.5	ND	ND	ND	11	ND	ND	ND
Apr-04	ND	120	9.5	9.1	ND	ND	12	ND	ND	ND
Apr-05	NA	63	ND	5.4	ND	ND	6.3	ND	ND	ND
Apr-06	ND	ND	ND	5.3	ND	ND	5.6	ND	ND	ND
Apr-07	ND	64	ND	ND	ND	ND	6.6	ND	ND	ND
Apr-08	ND	130	ND	ND	ND	ND	5.5	ND	ND	ND
Apr-09	ND	180	ND	7.6	ND	ND	8.3	ND	ND	ND
Chlorobenzene [5]										
Aug-91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Jul-97	NA	ND	ND	NA	NA	NA	ND	ND	ND	ND
Apr-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Oct-98	ND	ND	ND	4J	ND	ND	ND	ND	ND	4J
Apr-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Oct-99	ND	2J	ND	2J	ND	ND	ND	ND	ND	3J
Apr-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mar-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mar-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mar-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-05	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Mercury [0.7]										
Aug-91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Jul-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Apr-98	0.8	ND	5.5	ND	ND	ND	ND	ND	3.7	ND
Oct-98	ND	ND	ND	1.0	ND	ND	ND	ND	ND	ND
Apr-99	ND	ND	0.33	0.28	0.20	0.32	ND	ND	0.33	ND
Oct-99	0.20	0.19B	0.16B	0.09B	0.18B	0.19B	0.17B	0.17B	0.21	0.20
Apr-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mar-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mar-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mar-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-05	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-09	NA [1]	NA [1]	NA [1]	NA [1]	NA [1]	NA [1]	NA [1]	NA [1]	ND	NA [1]
Total Lead [25]										
Aug-91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Jul-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Apr-98	ND	9	566	143	12	ND	ND	ND	ND	164
Oct-98	13	17	271	794	32.5	11.5	3.8	1.3	ND	20.5
Apr-99	ND	2.7J	170	34.6J	9.6J	41J	ND	ND	16.4J	32.3J
Oct-99	ND	ND	49.2	109	8.4	23.2	ND	ND	13.9	133
Apr-00	ND	ND	ND	21	ND	30	7	ND	ND	22
Mar-01	ND	ND	21	78	11	27	ND	ND	ND	ND
Mar-02	ND	ND	7	ND	ND	ND	ND	ND	ND	ND
Mar-03	ND	ND	ND	384D	ND	ND	ND	ND	ND	ND
Apr-04	ND	ND	ND	21D	7D	9D	ND	ND	ND	6D
Apr-05	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-09	NA [1]	NA [1]	NA [1]	NA [1]	NA [1]	NA [1]	NA [1]	NA [1]	ND	NA [1]
Vinyl Chloride [2]										
Apr-08	ND	33	ND	ND	ND	ND	ND	ND	ND	ND
Apr-09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

[*] Groundwater Standard Guidance Value Shaded Values Are Above The Standard
B= Less Than Contract Detection Limits
ND= Below Detection Limits NA: Not Analyzed J=Semi-qualitative value, Conc. Below CRQCL
D= Filtered sample was non-detect for lead ** Field Duplicate Sample
E= Filtered sample was non-detect for PCBs

1 - Per 3/26/09 conversation with NYSDEC (Jerry Pratt) CHA's request to eliminate this parameter from analysis was granted.

APPENDIX A

SITE PHOTOGRAPHS

Photograph 1. East access to site. An area between the back of Building #16 and the rail road tracks has been graded, gravel has been brought in and an employee parking area has been created.

Photograph 2. Employee parking area between Building #16 and the railroad tracks at the East end of the site.

CHA		**SITE PHOTOGRAPHS**
M:\7899\Vatrano Rd Reports\2009\4-09 photolog.doc	Date Taken: April 22, 2009	**Vatrano Road Site** **Albany, New York**

Photograph 3. Flush-mount Monitoring Well MW-1 located at northwestern corner of the paved parking area between Buildings #14 and #16.

Photograph 4. Monitoring Well MW-2 located at the west end of the site, north of the rail road tracks.

CHA		**SITE PHOTOGRAPHS**
M:\7899\Vatrano Rd Reports\2009\4-09 photolog.doc	Date Taken: April 22, 2009	**Vatrano Road Site Albany, New York**

Photograph 5. Monitoring Well MW-9 located at the west end of the site, north of the rail road tracks.

Photograph 6. Monitoring Well MW-3 located at the west end of the site, north of the rail road tracks.

CHA		**SITE PHOTOGRAPHS**
M:\7899\Vatrano Rd Reports\2009\4-09 photolog.doc	Date Taken: April 22, 2009	**Vatrano Road Site Albany, New York**

Photograph 7. Monitoring Wells MW-4 and MW-5 located at the east end of the site, north of the rail road tracks.

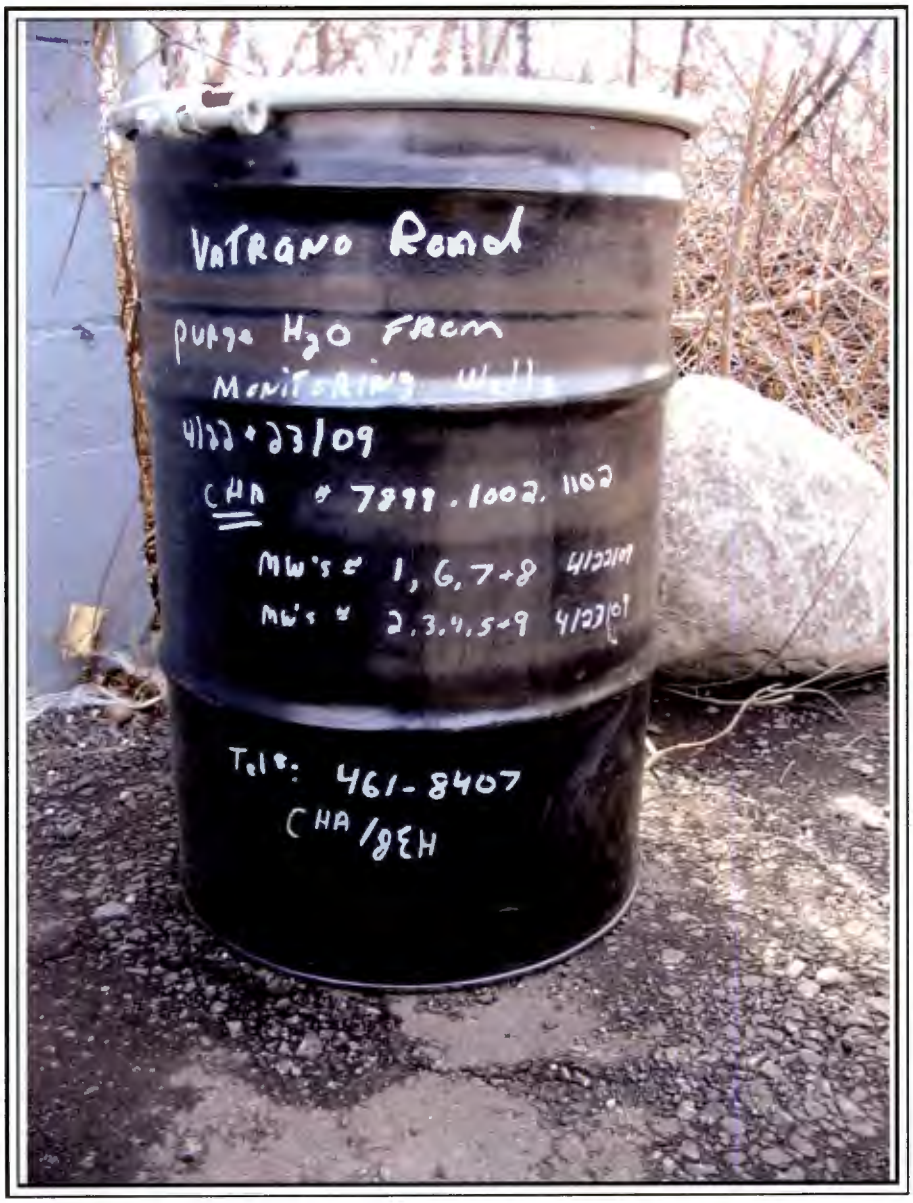
Photograph 8. Monitoring Well MW-6 located at the east end of the site, south of the rail road tracks.

CHA	**SITE PHOTOGRAPHS**
M:\7899\Vatrano Rd Reports\2009\4-09 photolog.doc	Date Taken: April 22, 2009
	Vatrano Road Site Albany, New York

Photograph 9. Monitoring Well MW-7 located in the center of the site, south side of the rail road tracks.

Photograph 10. Monitoring Well MW-8 located at the west end of the site, south side of the rail road tracks.

CHA		**SITE PHOTOGRAPHS**
M:\7899\Vatrano Rd Reports\2009\4-09 photolog.doc	Date Taken: April 22, 2009	**Vatrano Road Site Albany, New York**



Photograph 11. Labeled drum for purged monitoring well water.

CHA		**SITE PHOTOGRAPHS**
M:\7899\Vatrano Rd Reports\2009\4-09 photolog.doc	Date Taken: April 22, 2009	**Vatrano Road Site** **Albany, New York**

APPENDIX B

GROUNDWATER WELL FIELD SAMPLING SUMMARY

TABLE B.1

GROUNDWATER WELL FIELD SAMPLING SUMMARY
APRIL 2009 - ANNUAL MONITORING EVENT
HISTORIC VATRANO ROAD SERVICE CENTER
ALBANY, NEW YORK

Well I.D.	Date	Purge Rate (ml/min)	Purge Amount (Minutes)	Time Elapsed (Minutes)	Temperature (°C)	pH	Conductivity (µS/cm)	ORP/EH (MV)	Turbidity (NTU)	Water Quality
MW-1	22-Apr-09	200	60	0.00	10.31	6.46	940	-45.9	1000	
				5.00	10.18	5.9	969	-64	1000	
				10.00	10.3	5.75	1041	-63.1	1000	
				15.00	10.3	5.78	1067	-65.9	1000	0.0 PPM Head Space.
				20.00	10.19	5.84	1057	-71.6	1000	Water was turbid, cloudy orange in color at beginning of
				25.00	10.13	5.88	1028	-74.5	799	purging, then slowly cleared during purging.
				30.00	10.29	5.92	1029	-71.2	496	Water had no odor, no sheen and no effervescence.
				35.00	10.53	5.98	1011	-80.3	267	Turbidity after sampling was 14.7 NTU's.
				40.00	10.45	6.07	1008	-82.4	129	
				45.00	10.65	6.13	1003	-83.6	74.9	Note: ORP/EH sensor malfunction on field meter.
				50.00	10.76	6.15	998	-86	62.1	
				55.00	10.3	6.27	903	-87.9	22	
				60.00	10.44	6.34	984	-87.1	17.3	
MW-2	23-Apr-09	150	25	0.00	12.03	7	1079	-92.4	50.3	0.0 PPM Head Space.
				5.00	11.85	6.79	1091	-95.1	32.3	Water was relatively clear with a slight yellow tint of color.
				10.00	12.33	6.73	1108	-100.2	12.9	Water had no odor, no sheen and no effervescence.
				15.00	12.7	6.75	1103	-103.6	8.19	Turbidity after sampling was 1.59 NTU's.
				20.00	12.51	6.85	1104	-106	3.82	
				25.00	12.13	6.77	1171	-105.1	3.81	Note: ORP/EH sensor malfunction on field meter.
MW-3	23-Apr-09	175	80	0.00	9.94	7.1	779	-102.5	>1000	
				5.00	9.93	7.05	782	-105.9	>1000	
				10.00	9.9	6.97	785	-112.4	>1000	0.0 PPM Head Space.
				15.00	10.01	6.92	785	-114.1	1000	Water was turbid and cloudy with a rusty orange tint at beginning
				20.00	10.04	6.9	785	-114.5	496	of purging, then slowly cleared during purging.
				25.00	10.16	6.88	787	-114.1	163	Water had no odor, no sheen and no effervescence.
				30.00	10.04	6.9	784	-101.6	667	Turbidity after sampling was 46.9 NTU's.
				35.00	10.09	6.86	784	-107.8	209	
				40.00	10.16	6.85	785	-109.1	117	Note: ORP/EH sensor malfunction on field meter.
				45.00	10.22	6.84	783	-107.3	200	
				50.00	10.16	6.86	780	-106.3	87.1	
				55.00	10.03	6.85	763	-101.2	161	
				60.00	10.03	6.89	746	-90.5	73.8	
				65.00	10.09	6.82	697	-84	53.3	
				70.00	10.38	6.83	695	-87.1	46.3	
				75.00	10.39	6.84	697	-86.7	38.8	
				80.00	10.35	6.85	697	-85.9	35.9	
MW-4	23-Apr-09	200	30	0.00	11.33	7.08	602	-93.3	58.9	0.0 PPM Head Space.
				5.00	11.36	6.96	656	-96.2	17.4	Water was slightly turbid and slightly and slightly orange/yellow in
				10.00	11.72	6.87	716	-98.4	10.9	color at beginning of purging, then slowly cleared during purging.
				15.00	12.17	6.86	731	-99.4	11.2	Water had no odor, no sheen and no effervescence.
				20.00	11.82	6.86	731	-98.4	11	Turbidity after sampling was 4.20 NTU's.
				25.00	12.27	6.83	737	-98.0	7.79	
				30.00	12.07	6.8	732	-98.6	6.94	Note: ORP/EH sensor malfunction on field meter.
MW-5	23-Apr-09	200	30	0.00	12.48	7.08	1239	-95.3	34.1	0.0 PPM Head Space.
				5.00	12.53	6.9	1141	-100.8	19.1	Water was clear and colorless with some black
				10.00	12.63	6.88	1135	-102.3	12.1	suspended particles.
				15.00	12.59	6.85	1124	-103.6	8.91	Water had no odor, no sheen and no effervescence.
				20.00	12.89	6.86	1120	-104.5	6.62	Turbidity after sampling was 2.30 NTU's.
				25.00	12.67	6.83	1115	-104.7	4.92	Duplicate sample MW-10 was collected from this well.
				30.00	12.64	6.82	1115	-100.5	3.03	
										Note: ORP/EH sensor malfunction on field meter.
MW-6	22-Apr-09	160	25	0.00	11.08	7.8	901	-109.2	169	0.0 PPM Head Space.
				5.00	10.93	6.62	904	-99.5	95.3	Water was turbid and cloudy pale yellow in color at beginning of
				10.00	10.2	6.4	903	-92.2	33.2	purging, then slowly cleared during purging.
				15.00	10.46	6.19	902	-85.2	33.1	Water had some floating suspended particles present.
				20.00	10.58	6.17	902	-84.2	26.3	Water had no odor, no sheen and no effervescence.
				25.00	10.91	6.19	903	-85.5	16.7	Turbidity after sampling was 47.6 NTU's.
										Note: ORP/EH sensor malfunction on field meter.
MW-7	22-Apr-09	225	35	0.00	11.58	7.6	644	-97.9	182	0.0 PPM Head Space.
				5.00	11.82	6.88	650	-90.7	197	Water was very turbid and cloudy dull orange in color with many
				10.00	10.13	6.61	653	-84.3	1000	large orange particles at beginning of purging.
				15.00	10.88	6.32	650	-78.8	67.9	Water cleared during purging.
				20.00	10.84	6.34	665	-82.7	21	Water had no odor, no sheen and no effervescence.
				25.00	10.7	6.33	672	-83.9	13.4	Turbidity after sampling was 9.34 NTU's.
				30.00	10.94	6.32	677	-81.3	13	
				35.00	10.87	6.32	682	-86.2	7.09	Note: ORP/EH sensor malfunction on field meter.
MW-8	22-Apr-09	150	35	0.00	9.84	6.97	654	-92.1	132	0.0 PPM Head Space.
				5.00	10.01	6.7	654	-93.0	124	Water was slightly turbid and slightly dark in color at beginning
				10.00	10	6.72	649	-95.5	104	of purging, then cleared as purging continued.
				15.00	9.72	6.7	655	95.7	71.5	Water had no odor, no sheen and no effervescence.
				20.00	9.49	6.68	688	-95.7	52.3	Some black floating suspended particles were present.
				25.00	9.48	6.67	739	-96.2	32.3	Turbidity after sampling was 9.78 NTU's.
				30.00	9.63	6.73	785	-91.9	23.1	
				35.00	9.68	6.69	824	-97.5	20.5	Note: ORP/EH sensor malfunction on field meter.
MW-9	23-Apr-09	200	33	3.00	9.93	7.23	380	-67.7	12.7	0.0 PPM Headspace
				8.00	10.45	7.59	374	-90.4	11.3	Water was clear and colorless with no odor, no sheen and no
				13.00	10.55	7.71	368	-97.7	16.7	effervescence.
				18.00	10.74	7.71	365	-100.4	9.31	Turbidity after sampling was 7.14 NTU's.
				23.00	11.16	7.76	362	-102.6	9.21	
				28.00	11.39	7.79	363	-102.9	8.93	Note: ORP/EH sensor malfunction on field meter.
				33.00	11.43	7.89	363	-106	7.53	

APPENDIX C

PURGEWATER DISPOSAL MANIFEST

Site Address : 14 Vatrano Road
Albany,NY 12205

SC PPW 4/24/2009

WORK ORDER NO. NY2327949-001

DOCUMENT NO. 326911

STRAIGHT BILL OF LADING

TRANSPORTER 1 Clean Harbors Environmental Services Inc VEHICLE ID #

EPA ID # MAD039322250 TRANS. 1 PHONE (781) 792-5000

TRANSPORTER 2 VEHICLE ID #

EPA ID # TRANS. 2 PHONE

DESIGNATED FACILITY Clean Harbors Chattanooga LLC	SHIPPER ATTN:Keith Ziobron General Electric Company
FACILITY EPA ID # TND982141392	SHIPPER EPA ID # NYD982530164
ADDRESS 5005 Cummings Road	ADDRESS c/o Chazen Harour & Associates PO Box 5269 111 Winners Circle
CITY Chattanooga STATE TN ZIP 37410	CITY Albany STATE NY ZIP 12205

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1/55			A. NONE, NON DOT REGULATED MATERIAL SOLUTION, (WATER W/ <50 PPM PCB), N/A		
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY PHONE #:(800) 483-3718
A.CH312995

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Sarah D.N		
TRANSPORTER 1			
TRANSPORTER 2			
RECEIVED BY			

4

CHI 107

APPENDIX D

GROUNDWATER LABORATORY ANALYTICAL DATA

Adirondack Environmental Services, Inc.

Experience is the solution

314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

April 29, 2009

Sarah Newell
Clough Harbour & Associates
3 Winners Circle
PO Box 5269
Albany, NY 12205-0307

TEL: (518) 453-4500
FAX: (518) 453-4773

Work Order No: 090422046
PO#: 7899.1002.1102

RE: Vatrano Rd

Dear Sarah Newell:

Adirondack Environmental Services, Inc received 5 samples on 4/22/2009 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Christopher Hess
QA Manager

ELAP#: 10709
AIHA#: 100307

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Apr-09*

CLIENT: Clough Harbour & Associates
Work Order: 090422046
Reference: Vatrano Rd /
PO#: 7899.1002.1102

Client Sample ID: MW-1
Collection Date: 4/22/2009
Lab Sample ID: 090422046-001
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS E608 (**Prep: E608 - 4/22/2009**)						Analyst: **KF**
Aroclor 1016	< 0.065	0.065		µg/L	1	4/22/2009 6:07:10 PM
Aroclor 1221	< 0.065	0.065		µg/L	1	4/22/2009 6:07:10 PM
Aroclor 1232	< 0.065	0.065		µg/L	1	4/22/2009 6:07:10 PM
Aroclor 1242	< 0.065	0.065		µg/L	1	4/22/2009 6:07:10 PM
Aroclor 1248	< 0.065	0.065		µg/L	1	4/22/2009 6:07:10 PM
Aroclor 1254	< 0.065	0.065		µg/L	1	4/22/2009 6:07:10 PM
Aroclor 1260	< 0.065	0.065		µg/L	1	4/22/2009 6:07:10 PM
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/28/2009 3:10:00 PM
Bromomethane	< 10	10		µg/L	1	4/28/2009 3:10:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/28/2009 3:10:00 PM
Chloroethane	< 10	10		µg/L	1	4/28/2009 3:10:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
Acetone	< 10	10		µg/L	1	4/28/2009 3:10:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
2-Butanone	< 10	10		µg/L	1	4/28/2009 3:10:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/28/2009 3:10:00 PM
2-Hexanone	< 10	10		µg/L	1	4/28/2009 3:10:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Apr-09*

CLIENT: Clough Harbour & Associates
Work Order: 090422046
Reference: Vatrano Rd /
PO#: 7899.1002.1102

Client Sample ID: MW-1
Collection Date: 4/22/2009
Lab Sample ID: 090422046-001
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/28/2009 3:10:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
Cyclohexane	< 10	10		µg/L	1	4/28/2009 3:10:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/28/2009 3:10:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:10:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Apr-09*

CLIENT: Clough Harbour & Associates
Work Order: 090422046
Reference: Vatrano Rd /
PO#: 7899.1002.1102

Client Sample ID: MW-6
Collection Date: 4/22/2009
Lab Sample ID: 090422046-002
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS E608 (Prep: E608 - 4/22/2009)						Analyst: **KF**
Aroclor 1016	< 0.065	0.065		µg/L	1	4/22/2009 6:32:54 PM
Aroclor 1221	< 0.065	0.065		µg/L	1	4/22/2009 6:32:54 PM
Aroclor 1232	< 0.065	0.065		µg/L	1	4/22/2009 6:32:54 PM
Aroclor 1242	< 0.065	0.065		µg/L	1	4/22/2009 6:32:54 PM
Aroclor 1248	< 0.065	0.065		µg/L	1	4/22/2009 6:32:54 PM
Aroclor 1254	< 0.065	0.065		µg/L	1	4/22/2009 6:32:54 PM
Aroclor 1260	< 0.065	0.065		µg/L	1	4/22/2009 6:32:54 PM
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/28/2009 3:34:00 PM
Bromomethane	< 10	10		µg/L	1	4/28/2009 3:34:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/28/2009 3:34:00 PM
Chloroethane	< 10	10		µg/L	1	4/28/2009 3:34:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
Acetone	< 10	10		µg/L	1	4/28/2009 3:34:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
2-Butanone	< 10	10		µg/L	1	4/28/2009 3:34:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/28/2009 3:34:00 PM
2-Hexanone	< 10	10		µg/L	1	4/28/2009 3:34:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
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T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Apr-09*

CLIENT: Clough Harbour & Associates
Work Order: 090422046
Reference: Vatrano Rd /
PO#: 7899.1002.1102

Client Sample ID: MW-6
Collection Date: 4/22/2009
Lab Sample ID: 090422046-002
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/28/2009 3:34:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
Cyclohexane	< 10	10		µg/L	1	4/28/2009 3:34:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/28/2009 3:34:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:34:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Apr-09*

CLIENT: Clough Harbour & Associates
Work Order: 090422046
Reference: Vatrano Rd /
PO#: 7899.1002.1102

Client Sample ID: MW-7
Collection Date: 4/22/2009
Lab Sample ID: 090422046-003
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS E608 (**Prep: E608 - 4/22/2009**)						Analyst: **KF**
Aroclor 1016	< 0.065	0.065		µg/L	1	4/22/2009 6:58:32 PM
Aroclor 1221	< 0.065	0.065		µg/L	1	4/22/2009 6:58:32 PM
Aroclor 1232	< 0.065	0.065		µg/L	1	4/22/2009 6:58:32 PM
Aroclor 1242	< 0.065	0.065		µg/L	1	4/22/2009 6:58:32 PM
Aroclor 1248	< 0.065	0.065		µg/L	1	4/22/2009 6:58:32 PM
Aroclor 1254	< 0.065	0.065		µg/L	1	4/22/2009 6:58:32 PM
Aroclor 1260	< 0.065	0.065		µg/L	1	4/22/2009 6:58:32 PM
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/28/2009 3:59:00 PM
Bromomethane	< 10	10		µg/L	1	4/28/2009 3:59:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/28/2009 3:59:00 PM
Chloroethane	< 10	10		µg/L	1	4/28/2009 3:59:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
Acetone	< 10	10		µg/L	1	4/28/2009 3:59:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
cis-1,2-Dichloroethene	8.3	5.0		µg/L	1	4/28/2009 3:59:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
2-Butanone	< 10	10		µg/L	1	4/28/2009 3:59:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/28/2009 3:59:00 PM
2-Hexanone	< 10	10		µg/L	1	4/28/2009 3:59:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Apr-09*

CLIENT: Clough Harbour & Associates
Work Order: 090422046
Reference: Vatrano Rd /
PO#: 7899.1002.1102

Client Sample ID: MW-7
Collection Date: 4/22/2009
Lab Sample ID: 090422046-003
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/28/2009 3:59:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
Cyclohexane	< 10	10		µg/L	1	4/28/2009 3:59:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/28/2009 3:59:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 3:59:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Apr-09*

CLIENT: Clough Harbour & Associates
Work Order: 090422046
Reference: Vatrano Rd /
PO#: 7899.1002.1102

Client Sample ID: MW-8
Collection Date: 4/22/2009
Lab Sample ID: 090422046-004
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS E608 (**Prep: E608 - 4/22/2009**)						Analyst: **KF**
Aroclor 1016	< 0.065	0.065		µg/L	1	4/22/2009 7:24:13 PM
Aroclor 1221	< 0.065	0.065		µg/L	1	4/22/2009 7:24:13 PM
Aroclor 1232	< 0.065	0.065		µg/L	1	4/22/2009 7:24:13 PM
Aroclor 1242	< 0.065	0.065		µg/L	1	4/22/2009 7:24:13 PM
Aroclor 1248	< 0.065	0.065		µg/L	1	4/22/2009 7:24:13 PM
Aroclor 1254	< 0.065	0.065		µg/L	1	4/22/2009 7:24:13 PM
Aroclor 1260	< 0.065	0.065		µg/L	1	4/22/2009 7:24:13 PM
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/28/2009 4:24:00 PM
Bromomethane	< 10	10		µg/L	1	4/28/2009 4:24:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/28/2009 4:24:00 PM
Chloroethane	< 10	10		µg/L	1	4/28/2009 4:24:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
Acetone	< 10	10		µg/L	1	4/28/2009 4:24:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
2-Butanone	< 10	10		µg/L	1	4/28/2009 4:24:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/28/2009 4:24:00 PM
2-Hexanone	< 10	10		µg/L	1	4/28/2009 4:24:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Apr-09*

CLIENT: Clough Harbour & Associates
Work Order: 090422046
Reference: Vatrano Rd /
PO#: 7899.1002.1102

Client Sample ID: MW-8
Collection Date: 4/22/2009
Lab Sample ID: 090422046-004
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/28/2009 4:24:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
Cyclohexane	< 10	10		µg/L	1	4/28/2009 4:24:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/28/2009 4:24:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 4:24:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Apr-09*

CLIENT: Clough Harbour & Associates
Work Order: 090422046
Reference: Vatrano Rd /
PO#: 7899.1002.1102

Client Sample ID: Trip Blank
Collection Date: 4/22/2009
Lab Sample ID: 090422046-005
Matrix: WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/28/2009 2:45:00 PM
Bromomethane	< 10	10		µg/L	1	4/28/2009 2:45:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/28/2009 2:45:00 PM
Chloroethane	< 10	10		µg/L	1	4/28/2009 2:45:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
Acetone	< 10	10		µg/L	1	4/28/2009 2:45:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
2-Butanone	< 10	10		µg/L	1	4/28/2009 2:45:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/28/2009 2:45:00 PM
2-Hexanone	< 10	10		µg/L	1	4/28/2009 2:45:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/28/2009 2:45:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM

Qualifiers:

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J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Apr-09*

CLIENT: Clough Harbour & Associates
Work Order: 090422046
Reference: Vatrano Rd /
PO#: 7899.1002.1102

Client Sample ID: Trip Blank
Collection Date: 4/22/2009
Lab Sample ID: 090422046-005
Matrix: WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
Cyclohexane	< 10	10		µg/L	1	4/28/2009 2:45:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/28/2009 2:45:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	4/28/2009 2:45:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc.
Experience is the solution

314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

AES Work Order # 090422046

A full service analytical research laboratory offering solutions to environmental concerns

Client Name: CHA			Address: III Winners Circle Albany NY 12205						
Send Report To: Sarah Newell			Project Name (Location): Vatrano Rd			Samplers: (Names) J. Herrick / S. Johnston			
Client Phone No: (518) 453-8749	Client Fax No: (518) 453-4773		PO Number: 7899.1002.1102			Samplers: (Signature) [signature]			

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.	Matrix	Comp	Grab	Number of Cont's	Analysis Required
001	MW-1	4/22/09	10:30 (A)	GW		X	3	TCL VOC 8260, PCB EPA 608
002	MW-6	↓	11:45 (A)	↓		↓	↓	
003	MW-7	↓	1:30 (P)	↓		↓	↓	
004	MW-8	↓	2:40 (P)	↓		↓	↓	
005	Trip Blank		A / P	LW			1	VOCs
			A / P					
			A / P					
			A / P					
			A / P					
			A / P					
			A / P					
			A / P					
			A / P					
			A / P					

Shipment Arrived Via:
FedEx UPS Client AES Other:________

CC Report To / Special Instructions/Remarks:

Turnaround Time Request:
☐ 1 Day ☐ 3 Day ☒ Normal
☐ 2 Day ☐ 5 Day

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
[signature]		
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received for Laboratory by: J. Mihalec	Date/Time 4/22/09 3:38 P.M.

Temperature	Properly Preserved	Received Within Holding Times
Ambient or (Chilled)	(Y) N	(Y) N
Notes:	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.®
Experience is the solution
314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891

TERMS, CONDITIONS & LIMITATIONS

All service rendered by the **Adirondack Environmental Services, Inc**. are undertaken and all rates are based upon the following terms:

(a) Neither **Adirondack Environmental Services, Inc.,** nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.'s** performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.

(b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed or irrevocably waived.

(c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.

(d) In no event shall **Adirondack Environmental Services, Inc.,** its employees, agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.

(e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**

(f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.

(g) Payments by credit card are subject to a 3% additional charge.

Adirondack Environmental Services Inc.

Experience is the solution

314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

May 06, 2009

Rogina Camilli
Clough Harbour & Associates
3 Winners Circle
PO Box 5269
Albany, NY 12205-0307

TEL: (518) 453-4500
FAX: (518) 453-4773

Work Order No: 090423064

RE: Vatrano Road

Dear Rogina Camilli:

Adirondack Environmental Services, Inc received 7 samples on 4/23/2009 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Christopher Hess
QA Manager

ELAP#: 10709
AIHA#: 100307

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	X - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *06-May-09*

CLIENT:	Clough Harbour & Associates	**Client Sample ID:**	MW-2
Work Order:	090423064	**Collection Date:**	4/23/2009
Reference:	Vatrano Road /	**Lab Sample ID:**	090423064-001
PO#:		**Matrix:**	GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS E608 (**Prep: E608 - 4/24/2009**)						Analyst: **KF**
Aroclor 1016	< 0.065	0.065		µg/L	1	4/24/2009 8:53:46 PM
Aroclor 1221	< 0.065	0.065		µg/L	1	4/24/2009 8:53:46 PM
Aroclor 1232	< 0.065	0.065		µg/L	1	4/24/2009 8:53:46 PM
Aroclor 1242	< 0.065	0.065		µg/L	1	4/24/2009 8:53:46 PM
Aroclor 1248	< 0.065	0.065		µg/L	1	4/24/2009 8:53:46 PM
Aroclor 1254	0.480	0.065		µg/L	1	4/24/2009 8:53:46 PM
Aroclor 1260	< 0.065	0.065		µg/L	1	4/24/2009 8:53:46 PM
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 20	20		µg/L	2	4/29/2009 3:04:00 PM
Bromomethane	< 20	20		µg/L	2	4/29/2009 3:04:00 PM
Vinyl chloride	< 20	20		µg/L	2	4/29/2009 3:04:00 PM
Chloroethane	< 20	20		µg/L	2	4/29/2009 3:04:00 PM
Methylene chloride	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
Acetone	< 20	20		µg/L	2	4/29/2009 3:04:00 PM
Carbon disulfide	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
1,1-Dichloroethene	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
1,1-Dichloroethane	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
trans-1,2-Dichloroethene	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
cis-1,2-Dichloroethene	180	10		µg/L	2	4/29/2009 3:04:00 PM
Chloroform	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
1,2-Dichloroethane	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
2-Butanone	< 20	20		µg/L	2	4/29/2009 3:04:00 PM
1,1,1-Trichloroethane	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
Carbon tetrachloride	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
Bromodichloromethane	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
1,2-Dichloropropane	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
cis-1,3-Dichloropropene	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
Trichloroethene	55	10		µg/L	2	4/29/2009 3:04:00 PM
Dibromochloromethane	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
1,1,2-Trichloroethane	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
Benzene	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
trans-1,3-Dichloropropene	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
Bromoform	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
4-Methyl-2-pentanone	< 20	20		µg/L	2	4/29/2009 3:04:00 PM
2-Hexanone	< 20	20		µg/L	2	4/29/2009 3:04:00 PM
Tetrachloroethene	330	10		µg/L	2	4/29/2009 3:04:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *06-May-09*

CLIENT:	Clough Harbour & Associates	**Client Sample ID:**	MW-2
Work Order:	090423064	**Collection Date:**	4/23/2009
Reference:	Vatrano Road /	**Lab Sample ID:**	090423064-001
PO#:		**Matrix:**	GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2,2-Tetrachloroethane	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
Toluene	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
Chlorobenzene	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
Ethylbenzene	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
Styrene	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
m,p-Xylene	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
o-Xylene	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
Methyl tert-butyl ether	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
Dichlorodifluoromethane	< 20	20		µg/L	2	4/29/2009 3:04:00 PM
Methyl Acetate	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
Cyclohexane	< 20	20		µg/L	2	4/29/2009 3:04:00 PM
Trichlorofluoromethane	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
Methyl Cyclohexane	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
1,2-Dibromoethane	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
1,3-Dichlorobenzene	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
Isopropylbenzene	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
1,2-Dichlorobenzene	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
1,4-Dichlorobenzene	< 10	10		µg/L	2	4/29/2009 3:04:00 PM
1,2-Dibromo-3-chloropropane	< 20	20		µg/L	2	4/29/2009 3:04:00 PM
1,2,4-Trichlorobenzene	< 10	10		µg/L	2	4/29/2009 3:04:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *06-May-09*

CLIENT:	Clough Harbour & Associates	**Client Sample ID:**	MW-3
Work Order:	090423064	**Collection Date:**	4/23/2009
Reference:	Vatrano Road /	**Lab Sample ID:**	090423064-002
PO#:		**Matrix:**	GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS E608 (**Prep: E608 - 4/24/2009**)						Analyst: **KF**
Aroclor 1016	< 0.065	0.065		µg/L	1	4/24/2009 9:19:28 PM
Aroclor 1221	< 0.065	0.065		µg/L	1	4/24/2009 9:19:28 PM
Aroclor 1232	< 0.065	0.065		µg/L	1	4/24/2009 9:19:28 PM
Aroclor 1242	< 0.065	0.065		µg/L	1	4/24/2009 9:19:28 PM
Aroclor 1248	< 0.065	0.065		µg/L	1	4/24/2009 9:19:28 PM
Aroclor 1254	< 0.065	0.065		µg/L	1	4/24/2009 9:19:28 PM
Aroclor 1260	< 0.065	0.065		µg/L	1	4/24/2009 9:19:28 PM
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/29/2009 12:33:00 PM
Bromomethane	< 10	10		µg/L	1	4/29/2009 12:33:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/29/2009 12:33:00 PM
Chloroethane	< 10	10		µg/L	1	4/29/2009 12:33:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
Acetone	< 10	10		µg/L	1	4/29/2009 12:33:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
2-Butanone	< 10	10		µg/L	1	4/29/2009 12:33:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/29/2009 12:33:00 PM
2-Hexanone	< 10	10		µg/L	1	4/29/2009 12:33:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *06-May-09*

CLIENT:	Clough Harbour & Associates	**Client Sample ID:**	MW-3
Work Order:	090423064	**Collection Date:**	4/23/2009
Reference:	Vatrano Road /	**Lab Sample ID:**	090423064-002
PO#:		**Matrix:**	GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/29/2009 12:33:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
Cyclohexane	< 10	10		µg/L	1	4/29/2009 12:33:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/29/2009 12:33:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 12:33:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *06-May-09*

CLIENT:	Clough Harbour & Associates	**Client Sample ID:**	MW-4
Work Order:	090423064	**Collection Date:**	4/23/2009
Reference:	Vatrano Road /	**Lab Sample ID:**	090423064-003
PO#:		**Matrix:**	GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS E608 (**Prep: E608 - 4/24/2009**)						Analyst: **KF**
Aroclor 1016	< 0.065	0.065		µg/L	1	4/24/2009 9:45:09 PM
Aroclor 1221	< 0.065	0.065		µg/L	1	4/24/2009 9:45:09 PM
Aroclor 1232	< 0.065	0.065		µg/L	1	4/24/2009 9:45:09 PM
Aroclor 1242	< 0.065	0.065		µg/L	1	4/24/2009 9:45:09 PM
Aroclor 1248	< 0.065	0.065		µg/L	1	4/24/2009 9:45:09 PM
Aroclor 1254	< 0.065	0.065		µg/L	1	4/24/2009 9:45:09 PM
Aroclor 1260	< 0.065	0.065		µg/L	1	4/24/2009 9:45:09 PM
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/29/2009 12:58:00 PM
Bromomethane	< 10	10		µg/L	1	4/29/2009 12:58:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/29/2009 12:58:00 PM
Chloroethane	< 10	10		µg/L	1	4/29/2009 12:58:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
Acetone	< 10	10		µg/L	1	4/29/2009 12:58:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
cis-1,2-Dichloroethene	7.6	5.0		µg/L	1	4/29/2009 12:58:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
2-Butanone	< 10	10		µg/L	1	4/29/2009 12:58:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/29/2009 12:58:00 PM
2-Hexanone	< 10	10		µg/L	1	4/29/2009 12:58:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *06-May-09*

CLIENT: Clough Harbour & Associates
Work Order: 090423064
Reference: Vatrano Road /
PO#:

Client Sample ID: MW-4
Collection Date: 4/23/2009
Lab Sample ID: 090423064-003
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/29/2009 12:58:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
Cyclohexane	< 10	10		µg/L	1	4/29/2009 12:58:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/29/2009 12:58:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 12:58:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *06-May-09*

CLIENT:	Clough Harbour & Associates	**Client Sample ID:**	MW-5
Work Order:	090423064	**Collection Date:**	4/23/2009
Reference:	Vatrano Road /	**Lab Sample ID:**	090423064-004
PO#:		**Matrix:**	GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS E608 (**Prep: E608 - 4/24/2009**)						Analyst: **KF**
Aroclor 1016	< 0.065	0.065		µg/L	1	4/24/2009 10:10:50 PM
Aroclor 1221	< 0.065	0.065		µg/L	1	4/24/2009 10:10:50 PM
Aroclor 1232	< 0.065	0.065		µg/L	1	4/24/2009 10:10:50 PM
Aroclor 1242	< 0.065	0.065		µg/L	1	4/24/2009 10:10:50 PM
Aroclor 1248	< 0.065	0.065		µg/L	1	4/24/2009 10:10:50 PM
Aroclor 1254	< 0.065	0.065		µg/L	1	4/24/2009 10:10:50 PM
Aroclor 1260	< 0.065	0.065		µg/L	1	4/24/2009 10:10:50 PM
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/29/2009 1:23:00 PM
Bromomethane	< 10	10		µg/L	1	4/29/2009 1:23:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/29/2009 1:23:00 PM
Chloroethane	< 10	10		µg/L	1	4/29/2009 1:23:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
Acetone	< 10	10		µg/L	1	4/29/2009 1:23:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
2-Butanone	< 10	10		µg/L	1	4/29/2009 1:23:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/29/2009 1:23:00 PM
2-Hexanone	< 10	10		µg/L	1	4/29/2009 1:23:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *06-May-09*

CLIENT:	Clough Harbour & Associates	**Client Sample ID:**	MW-5
Work Order:	090423064	**Collection Date:**	4/23/2009
Reference:	Vatrano Road /	**Lab Sample ID:**	090423064-004
PO#:		**Matrix:**	GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/29/2009 1:23:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
Cyclohexane	< 10	10		µg/L	1	4/29/2009 1:23:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/29/2009 1:23:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 1:23:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: Clough Harbour & Associates
Work Order: 090423064
Reference: Vatrano Road /
PO#:

Client Sample ID: MW-9
Collection Date: 4/23/2009
Lab Sample ID: 090423064-005
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS E608 (**Prep: E608 - 4/24/2009**)						Analyst: **KF**
Aroclor 1016	< 0.065	0.065		µg/L	1	4/24/2009 10:36:29 PM
Aroclor 1221	< 0.065	0.065		µg/L	1	4/24/2009 10:36:29 PM
Aroclor 1232	< 0.065	0.065		µg/L	1	4/24/2009 10:36:29 PM
Aroclor 1242	< 0.065	0.065		µg/L	1	4/24/2009 10:36:29 PM
Aroclor 1248	< 0.065	0.065		µg/L	1	4/24/2009 10:36:29 PM
Aroclor 1254	< 0.065	0.065		µg/L	1	4/24/2009 10:36:29 PM
Aroclor 1260	< 0.065	0.065		µg/L	1	4/24/2009 10:36:29 PM
ICP METALS E200.7 (**Prep: SW3010A - 4/24/2009**)						Analyst: **KH**
Lead	< 0.005	0.005		mg/L	1	5/5/2009 2:12:00 PM
MERCURY E245.1 (**Prep: E245.1 - 4/24/2009**)						Analyst: **SM**
Mercury	< 0.0002	0.0002		mg/L	1	4/24/2009
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/29/2009 1:48:00 PM
Bromomethane	< 10	10		µg/L	1	4/29/2009 1:48:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/29/2009 1:48:00 PM
Chloroethane	< 10	10		µg/L	1	4/29/2009 1:48:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
Acetone	< 10	10		µg/L	1	4/29/2009 1:48:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
2-Butanone	< 10	10		µg/L	1	4/29/2009 1:48:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
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X - Value exceeds Maximum Contaminant Level
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R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *06-May-09*

CLIENT:	Clough Harbour & Associates	**Client Sample ID:**	MW-9
Work Order:	090423064	**Collection Date:**	4/23/2009
Reference:	Vatrano Road /	**Lab Sample ID:**	090423064-005
PO#:		**Matrix:**	GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/29/2009 1:48:00 PM
2-Hexanone	< 10	10		µg/L	1	4/29/2009 1:48:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/29/2009 1:48:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
Cyclohexane	< 10	10		µg/L	1	4/29/2009 1:48:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/29/2009 1:48:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 1:48:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
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T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *06-May-09*

CLIENT:	Clough Harbour & Associates	**Client Sample ID:**	MW-10
Work Order:	090423064	**Collection Date:**	4/23/2009
Reference:	Vatrano Road /	**Lab Sample ID:**	090423064-006
PO#:		**Matrix:**	GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS E608 (Prep: E608 - 4/24/2009)						Analyst: **KF**
Aroclor 1016	< 0.065	0.065		µg/L	1	4/24/2009 11:02:12 PM
Aroclor 1221	< 0.065	0.065		µg/L	1	4/24/2009 11:02:12 PM
Aroclor 1232	< 0.065	0.065		µg/L	1	4/24/2009 11:02:12 PM
Aroclor 1242	< 0.065	0.065		µg/L	1	4/24/2009 11:02:12 PM
Aroclor 1248	< 0.065	0.065		µg/L	1	4/24/2009 11:02:12 PM
Aroclor 1254	< 0.065	0.065		µg/L	1	4/24/2009 11:02:12 PM
Aroclor 1260	< 0.065	0.065		µg/L	1	4/24/2009 11:02:12 PM
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/29/2009 2:14:00 PM
Bromomethane	< 10	10		µg/L	1	4/29/2009 2:14:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/29/2009 2:14:00 PM
Chloroethane	< 10	10		µg/L	1	4/29/2009 2:14:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
Acetone	< 10	10		µg/L	1	4/29/2009 2:14:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
2-Butanone	< 10	10		µg/L	1	4/29/2009 2:14:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/29/2009 2:14:00 PM
2-Hexanone	< 10	10		µg/L	1	4/29/2009 2:14:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM

Qualifiers:

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B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

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T - Tentitively Identified Compound-Estimated Conc.

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Adirondack Environmental Services, Inc

Date: *06-May-09*

CLIENT:	Clough Harbour & Associates	**Client Sample ID:**	MW-10
Work Order:	090423064	**Collection Date:**	4/23/2009
Reference:	Vatrano Road /	**Lab Sample ID:**	090423064-006
PO#:		**Matrix:**	GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/29/2009 2:14:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
Cyclohexane	< 10	10		µg/L	1	4/29/2009 2:14:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/29/2009 2:14:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 2:14:00 PM

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T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *06-May-09*

CLIENT:	Clough Harbour & Associates	**Client Sample ID:**	Trip Blank
Work Order:	090423064	**Collection Date:**	4/23/2009
Reference:	Vatrano Road /	**Lab Sample ID:**	090423064-007
PO#:		**Matrix:**	GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/29/2009 2:39:00 PM
Bromomethane	< 10	10		µg/L	1	4/29/2009 2:39:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/29/2009 2:39:00 PM
Chloroethane	< 10	10		µg/L	1	4/29/2009 2:39:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
Acetone	< 10	10		µg/L	1	4/29/2009 2:39:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
2-Butanone	< 10	10		µg/L	1	4/29/2009 2:39:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/29/2009 2:39:00 PM
2-Hexanone	< 10	10		µg/L	1	4/29/2009 2:39:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/29/2009 2:39:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM

Qualifiers:

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J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *06-May-09*

CLIENT:	Clough Harbour & Associates	**Client Sample ID:**	Trip Blank
Work Order:	090423064	**Collection Date:**	4/23/2009
Reference:	Vatrano Road /	**Lab Sample ID:**	090423064-007
PO#:		**Matrix:**	GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
Cyclohexane	< 10	10		µg/L	1	4/29/2009 2:39:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/29/2009 2:39:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	4/29/2009 2:39:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

AES Work Order # 0904233064

Experience is the solution

A full service analytical research laboratory offering solutions to environmental concerns

Client Name:	Address:		
CHA	III Winners Circle, Albany, NY		
Send Report To:	**Project Name (Location)**	**Samplers: (Names)**	
Sarah Newell	Vatrano Road	J. Herrick / S. Burke	
Client Phone No:	**Client Fax No:**	**PO Number:**	**Samplers: (Signature)**
453-4749	(518)453-4773	7899.1002.1102	Sarah Burke /

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.		Sample Type: Matrix	Comp	Grab	Number of Cont's	Analysis Required
001	MW-2	4/23/09	1240	(P)	GW		X	3	PCB (EPA 608) TCL (VOC-8260)
002	MW-3		1115	(A)			X	3	PCB (EPA 608) TCL (VOC-8260)
003	MW-4		1230	(P)			X	3	PCB (EPA 608) TCL (VOC-8260)
004	MW-5		130	(P)			X	3	PCB (EPA 608) TCL (VOC-8260)
005	MW-9		920	(A)			X	4	Pb (200.7), Hg (245.1) PCB (608), TCL (8260)
006	MW-10		1200	(A)			X	3	PCB (608) TCL (VOC-8260)
007	Trip Blank				W		X	1	TCL (VOC 8260)
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					

Shipment Arrived Via:
FedEx UPS (Client) AES Other:_____

CC Report To / Special Instructions/Remarks:

Turnaround Time Request:
☐ 1 Day ☐ 3 Day ☒ Normal
☐ 2 Day ☐ 5 Day

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
J. S. Burke, III		
Relinquished by: (Signature)	**Received by: (Signature)**	**Date/Time**
Relinquished by: (Signature)	**Received for Laboratory by:**	**Date/Time**
	Sarah Burke	4-23-09 3:46PM

Temperature	Properly Preserved	Received Within Holding Times
Ambient or (Chilled) 10c	(Y) N	(Y) N
Notes:	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.
Experience is the solution
314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891

TERMS, CONDITIONS & LIMITATIONS

All service rendered by the **Adirondack Environmental Services, Inc**. are undertaken and all rates are based upon the following terms:

(a) Neither **Adirondack Environmental Services, Inc.,** nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.'s** performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.

(b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed or irrevocably waived.

(c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.

(d) In no event shall **Adirondack Environmental Services, Inc.,** its employees, agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.

(e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**

(f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.

(g) Payments by credit card are subject to a 3% additional charge.

APPENDIX E

CHAIN OF CUSTODY

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

Experience is the solution

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

AES Work Order # 0904220476

Client Name:	Address:	
CHA	11 Winners Circle Albany, NY 12205	
Send Report To:	**Project Name (Location)**	**Samplers: (Names)**
Sarah Newell	Vatrano Rd	J. Herrick / S. Johnston
Client Phone No:	**Client Fax No:**	**PO Number:**
(518) 453-8749	(518) 453-4773	7899.1002.1102

Samplers: (Signature) Sarah Newell

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.	Sample Type: Matrix	Comp	Grab	Number of Cont's	Analysis Required
001	MW-1	4/22/09	10:30 (A) P	GW		X	3	TCL VOC 8260
002	MW-6		11:45 (A) P					PCB 1-PA 608
003	MW-7		1:30 A (P)					
004	MW-8		2:40 A (P)					
005	Trip Blank		A P	LW			1	VOCs
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					

Shipment Arrived Via:
FedEx UPS Client AES Other:_____

Turnaround Time Request:
☐ 1 Day ☐ 3 Day ☒ Normal
☐ 2 Day ☐ 5 Day

CC Report To / Special Instructions/Remarks:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Sarah Newell		
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received for Laboratory by:	Date/Time
	J. Mihaley	4/22/09 3:38 PM

Temperature	Properly Preserved	Received Within Holding Times
Ambient or (Chilled)	(Y) N	(Y) N
Notes:	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

AES Work Order # 0904230 64

Experience is the solution

A full service analytical research laboratory offering solutions to environmental concerns

Client Name:	Address:		
CHA	III Winners Circle, Albany, NY		
Send Report To:	**Project Name (Location)**	**Samplers: (Names)**	
Sarah Newell	Vatrano Road	J Herrick / S. Burke	
Client Phone No:	**Client Fax No:**	**PO Number:**	**Samplers: (Signature)**
453-4149	(518)453-4773	7899.1002.1102	Sarah Burke /

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.		Sample Type: Matrix	Comp	Grab	Number of Cont's	Analysis Required
001	MW-2	4/23/09	1240	(P)	GW		X	3	PCB (EPA 608) TCL (VOC-8260)
002	MW-3		1115	(A)			X	3	PCB (EPA 608) TCL (VOC-8260)
003	MW-4		1230	(P)			X	3	PCB (EPA 608) TCL (VOC-8260)
004	MW-5		130	(P)			X	3	PCB (EPA 608) TCL (VOC-8260)
005	MW-9		920	(A)			X	4	Pb (200.7), Hg (245.1) PCB (608), TCL (VOC 8260)
006	MW-10		1200	(A)			X	3	PCB (608) TCL (VOC-8260)
007	Trip Blank				GW		X	1	TCL (VOC 8260)
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					

Shipment Arrived Via:
FedEx UPS (Client) AES Other:_____

CC Report To / Special Instructions/Remarks:

Turnaround Time Request:
☐ 1 Day ☐ 3 Day ☒ Normal
☐ 2 Day ☐ 5 Day

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
J. E. Herrick, III		
Relinquished by: (Signature)	**Received by: (Signature)**	**Date/Time**
Relinquished by: (Signature)	**Received for Laboratory by:**	**Date/Time**
	[signature]	4/23-09 3:46pm

Temperature	Properly Preserved	Received Within Holding Times
Ambient or (Chilled) 10c	(Y) N	(Y) N
Notes:	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy