2011 Fourth Quarter Final Groundwater Monitoring Report October- December 2011

Claremont Polychemical Corporation Site 505 Winding Road Old Bethpage, Nassau County, NY 11804 Site Code: 130015 WA# D006130-19

Prepared for:

New York State Department of Environmental Conservation
Division of Environmental Remediation
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Prepared by:

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Submitted: March 28, 2012

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2011 Fourth Quarter Final Groundwater Monitoring Report October-December 2011 Claremont Polychemical Corporation Site Old Bethpage, New York 11804

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CERTIFICATION

I, Adam Fox, certify that I am currently a Qualified Environmental Professional as defined in 6 Part NYCRR Part 375 and that this report, 2011 Fourth Quarter Groundwater Monitoring Report, was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER -10).

Environmental Contractor: HRP Engineering, P.C.

Adam Fox, P.E.

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1.0 INTRODUCTION

HRP Engineering, P.C. is pleased to submit this report containing groundwater quality data, discussions and data deliverables related to the Fourth Quarter 2011 (October – December 2011) groundwater monitoring event conducted at the Claremont Polychemical Corporation Site (hereinafter referred to as the "Site"). The groundwater monitoring event and the preparation of this deliverable are part of the routine groundwater monitoring program being conducted at the Site. This report represents the fourth quarterly monitoring period for 2011. This report has been prepared for submittal to the New York State Department of Environmental Conservation (NYSDEC) and includes the following:

- Brief overview of historical site activities;
- Discussion of On-site treatment System;
- Brief description of the scope of the field activities;
- Groundwater Contours;
- Shallow, intermediate, and deep groundwater tetrachloroethylene (PCE) and trichloroethylene (TCE) contaminant concentrations;
- Maximum groundwater PCE and TCE contaminant concentrations;
- Brief discussion of the groundwater quality data;
- Comparison of data from this monitoring period to data from previous periods; and
- Groundwater Well Sampling Forms.

2.0 SITE BACKGROUND

2.1 <u>Site Overview</u>

The Claremont Polychemical Corporation, a former manufacturer of pigments for plastics and inks, coated metal flakes, and vinyl stabilizers, operated on-site from 1966 to 1980. The Site was proposed for inclusion on the Environmental Protection Agency (EPA) National Priorities List in October 1984 and was listed in June 1986. A comprehensive Remedial Investigation/ Feasibility Study (RI/FS) for the entire site was initiated in March 1988 by the EPA. Under this RI/FS, EPA sampled the surface and subsurface soil, the groundwater, underground storage tanks, and the building. The EPA RI/FS reports were released to the public in August 1990. The EPA RI/FS findings indicated that on-Site soils contaminated with tetrachloroethylene (PCE), located in the former "spill area", constituted a potential threat to groundwater resources. A comprehensive remedy for the Site was completed and documented in several EPA Records of Decisions (ROD) issued in 1989-1990. The Site was divided into six operable units (OU). Each OU had specific remedial activities pursuant to that OU that needed to be completed. Operable Unit No.4 (OU IV) is designated "Remedial Program" and involves the treatment of the on-site volatile organic compounds (VOC) that have contaminated the groundwater via a pump and treat system with air stripping/carbon absorption.

A groundwater collection, treatment and injection system was installed on-site by the EPA and Army Corp of Engineers (ACOE) to control OU IV. Full-scale operation of the groundwater remedial system began in February 2000, reportedly pumping 470 gallons per day. SAIC Inc. operated and maintained the treatment facility from 2000 to June 2011. During that period SAIC monitored the treatment system operation on a regular basis by collecting system discharge and quarterly groundwater samples. In June 2011, the operation of the system was relinquished from the ACOE/EPA to the NYSDEC and subsequently the NYSDEC retained HRP Engineering to operate the system.

During the turnover of operations from the EPA to the NYSDEC, the NYSDEC requested copies of reports generated during the EPA's operations of the treatment system including quarterly groundwater sampling data from SAIC, EPA Region 2 and the ACOE. Based upon data that was received during the transfer of operators, it was determined that SAIC collected quarterly groundwater sampling data. Previous groundwater monitoring reports were not available for HRP's review. Therefore the historical groundwater data was reviewed by HRP and incorporated into this report.

2.2 Location

The site is located on a 9.5-acre parcel located in an industrial section of Old Bethpage, Nassau County, New York (see Figure 1 for location). The property has one large two-story building, covering approximately 35,000 square feet (the former processing plant) and a smaller water treatment building. The site lies

approximately 800 feet east of the border between Nassau and Suffolk County and the site is accessed via Winding Road on the property's western border. Adjacent properties include:

South and Southeast - Bethpage State Park and a golf course; East - State University of New York-Farmingdale Campus; West - Oyster Bay Solid Waste Disposal Complex; and North - Commercial and light industrial.

The Oyster Bay Solid Waste Disposal Complex is a NYSDEC Superfund Site with the Town of Oyster Bay as the responsible party. The Nassau County Fireman's Training Center, which has also contributed to soil and groundwater contamination in the area, is located approximately 500 feet south of the Oyster Bay Solid Waste Disposal Complex. The Oyster Bay Solid Waste Disposal Complex and Fireman's Training Center have groundwater extraction and treatment systems in operation. In addition, the golf course has a number of pump/irrigation wells, which are used for watering their fairways. The closest residences are approximately one-half mile from the site immediately west of the Old Bethpage Landfill Superfund site. The nearest public supply well is located 3,500 feet northwest of the site and nearly 47,000 people are drawing water from private-use wells located within three miles of the site.

2.3 Site History

According to the "Five - Year Review Report for Claremont Polychemical Corporation" prepared by EPA Region 2, dated September 2008, the Claremont Polychemical Corporation manufactured pigments for plastics and inks, coated metal flakes, and vinyl stabilizers operated from 1966 to 1980. During its operation, Claremont disposed of liquid waste in three leaching basins and deposited solid wastes and treatment sludges in drums or in old, aboveground metal tanks. The principal wastes generated were organic solvents, resins and wash wastes (mineral spirits). Located inside the process building were a solvent recovery system (steam distillation), two pigment dust collectors and a sump. To the west of the building, there were five concrete treatment basins, each with a capacity of 5,000 gallons, which contained sediments and water. Six aboveground tanks, three of which contained wastes, were located east of the process building. Other features included an underground tank farm, construction and demolition debris, dry wells and a water supply well.

2.4 Site Geological Setting

The "Claremont Polychemical Superfund Site Long-term Groundwater Monitoring Old Bethpage, New York" report prepared by SAIC and dated December 2001 reported that site-specific subsurface investigations from a variety of soil borings and monitoring/injection/extraction well installations to a maximum depth of 250 feet below ground surface (bgs) identified "well-stratified"

fine to medium sand with silt lenses, abundant peat laminae, and discontinuous sand layers" (Ebasco, 1990). Borings in the northern portion of the site also encountered numerous interbedded silt and clay horizons. A comparison of site logs with municipal supply well logs to the north suggest that the site is located within a transitional area between the predominately sandy southern portion of the Magothy Formation and an interbedded clayey-sand portion to the north (Ebasco, 1990).

Further the report indicated that historically groundwater flow is generally to the south-southeast with historical gradients ranging from 0.001-0.002 ft/ft and horizontal flow velocities of 0.43 ft/day or 157 ft/yr (Ebasco, 1990). Groundwater elevations are depressed in the areas of the extraction wells. Hydraulic permeability (slug) tests performed during the EPA RI calculated hydraulic conductivities ranging between 200 and 400 gdp/ft² which is significantly lower than historical data from actual pump tests. The vertical component of flow was historically less than 0.5 ft/ft and lacked any consistency or pattern. It was thus determined to be insignificant with respect to contaminant movement (Ebasco, 1990).

The report also indicated that the direction of groundwater flow from the western portion of the site is to the east, south and southeast and reverses on the eastern and southeastern portions of the site. The gradient was reported to be approximately 0.024 ft/ft as measured between monitoring wells SW-1 and SW-2 over a distance of approximately 500 ft. The semi-radial component of flow and steep gradient are indicative of the groundwater extraction system's capture zone. However, groundwater levels were recorded from five sets of clustered monitoring wells or 13 data points in and around the source area. Hence, the report concluded that the capture zone is not realistically defined as it tends to center around monitoring well cluster SW-2/DW-2 instead of the three extraction wells slightly to the southeast. HRP agrees that additional definition is warranted to better define Claremont's contribution to regional groundwater contamination and to refine our understanding of the capture zone of the onsite system.

3.0 GROUNDWATER TREATMENT SYSTEM

The EPA's construction of the Claremont Polychemical Corp. Site pump-and-treat system began in 1997 and the system went into full-scale operation in February 2000. A description of the groundwater treatment system and a review of its effectiveness are provided below.

3.1 Groundwater Treatment System Description

The system which is designed to treat metals, organic contaminants and provide final pH adjustment consists of an extraction system, above-ground treatment, and a reinjection system. Each of the system components is discussed below.

Extraction System

The groundwater collection system consists of three extraction wells (EXT-1, EXT-2, and EXT-3) installed approximately 150 feet apart south of the site oriented in a southwest-northeast line. The wells are screened from approximately 60 feet mean sea level (MSL) (just below the water table) to -30 feet MSL and are outfitted with 10 horsepower pumps. Each well is capable of pumping up to 200 gpm individually. However, when they are all on, EXT-1, EXT-2, and EXT-3 respectively extract 190 gpm, 188 gpm, and 175 gpm for a total of approximately 553 gpm. The average flow rate over the course of a month is approximately 350 to 390 gpm. This average flow rate translates to approximately 500,000 to 560,000 per day which meets the onsite remedy goal of treating 500,000 gallons per day.

It is important to note that in April/May 2011, SAIC replaced the Equalization Tank level controllers, which formerly controlled the extraction well pumps, with level transducers located in the extraction wells. The level transducers allow the extraction pumps to maintain a static water level in the extraction wells and a more consistent capture zone. Each well pump is controlled by a well transducer that maintains a groundwater elevation of 38.3 to 46.7 feet MSL.

<u>Treatment System</u>

Water from the extraction system enters a 60,000-gallon equalization tank situated adjacent to the treatment building. Water from the equalization tank flows through two parallel metals-removal trains that are each rated for 250 gpm. Each train includes a reaction tank, a flocculation tank, a clarifier, and a filter and is followed by air-stripper feed tanks. These feed tanks send the water through a single packed tower air stripper rated at an average rate of 500 gpm and then through parallel liquid phase carbon units each rated at 250 gpm. The air emissions from the air stripper are treated with vapor phase carbon. In addition to removing metals and VOCs from the extracted water, the treatment system also raises the pH of the extracted water from pH 5, which is the background pH for groundwater in the area, to between pH 6.5 and 8.5. The treated water is then stored in two 42,000-gallon vessels before reinjection to the subsurface via four injection wells and/or two infiltration galleries. Flow to the injection wells and galleries, located on the adjacent SUNY Farmingdale

campus, is controlled by a butterfly valve. The wells are equipped with high-level alarms and are regularly gauged, however the infiltration galleries are not equipped with level sensors or alarms.

After the first nine months of operation the addition of oxidizing chemicals (potassium permanganate) to the metals removal system was discontinued as the influent to the plant already met discharge standards for metals. Water continues to flow through the metals portion of the treatment system.

The plant is manned by two operators working 40- to 50-hour weeks, and an autodialer is installed to contact the operators in case of plant alarms. The operators typically respond to alarms within 30 minutes.

System Operating Permits

Water Permit

The plant was issued a water discharge permit dated January 1, 1998. According to Brian Baker, NYSDEC Section Chief, Western Section, Bureau of Water Permits the permit was extended to the end of calendar year 2013, therefore a permit renewal application needs to be submitted to the NYSDEC Bureau of Water permits by July 1, 2013 in order to review the application and complete a permit reauthorization. It is important to note that the NYSDEC Bureau of water does not have regulatory authority over a discharge from a State, PRP, or Federal Superfund Site. Therefore, Effluent Limitations and Monitoring Requirements outline in the permit must be submitted to the NYSDEC Division of Environmental Remediation, Remedial Bureau E.

Air Permit

No air permit is required for the system operation, in particular, 6 NYCRR Part 375-1.7 states that "no permit is required when the substantive compliance is achieved as indicated by the NYSDEC approval of the workplan". Based on a review of the information pertaining to the treatment system, VOC air emissions from the treatment system should be negligible, therefore substantive requirements of an air permit would be achieved and no air permit would be required.

3.2 System Evaluation Performance

3.2.1 Flow Rate

The volume of treated water discharged by the treatment plant to the injection well field is determined daily from readings of the magnetic flow meter on the plant effluent line. The total volume of treated water discharged each month is provided below:

Time and Date	Total Flow Month/ Percent of Monthly Target Flow	Ave Daily Flow/ Ave Flow per Minute	Total Water Treated Operating Year (Starting 6/1/11)
October – 0600 hrs 10/1/11 to 0600 hrs 11/1/11	16,527,016 / 110	551,520 / 383	77,382,252
November - 0600 hrs 11/1/11 to 0600 hrs12/1/11	16,237,065 / 112	541,236 / 376	93,619,317
December - 0600 hrs 12/1/11 to 0600 hrs 1/1/12	16,413,979 /109	529,483 / 368	110,033,296

The flow to the injection system during the monitoring period was as follows.

Month	Injection Well System	Flow Average (gpm)	Volume Discharged (gallons)			
	IW-1	93	4,138,941			
	IW-2	96	4,299,171			
October 2011	IW-3	112	5,004,141			
	IW-4	78	3,463,710			
	System	379	16,905,963			
	IW-1	95	4,121,480			
	IW-2	95	4,122,250			
November 2011	IW-3	116	5,032,250			
	IW-4	77	3,333,880			
	System	384	16,609,860			
	IW-1	92	4,121,880			
	IW-2	84	3,764,210			
December 2011	IW-3	111.5	4,979,260			
	IW-4	76	3,384,910			
	System	364	16,250,260			

Flow to infiltration galleries IG-1 and IG-3 is restricted so that flow to IW-1 and IW-3 is maximized. Both galleries are draining adequately. The plant's effluent discharge flow is maximized and is limited by injection pump system capacity.

3.2.2 Treatment System Contaminant Removal

To evaluate the treatment system's contaminate removal rate, HRP reviewed available treatment system inlet (Charts 1, 1a, 1b, 1c and 2) and effluent analytical results from quarterly O&M sampling. In summary, no analyzed contaminants were detected above the laboratory detection limit within the two groundwater samples collected at the

equalization tank inlet during the review period, therefore a removal rate was not calculated.

3.2.3 System Discharge Monitoring

Effluent data for select VOC compounds (PCE, TCE, and 1,1-DEC) and metals (Iron and Manganese) were analyzed to evaluate compliance with established effluent discharge limits. Charts 3a, 3b, 3c, and 4 show that the effluent concentrations remain below permissible levels.

4.0 GROUNDWATER MONITORING PROGRAM

From October 20 to October 27, 2011 HRP sampled a total of 44 monitoring wells and extraction wells (41 monitoring wells and 3 extraction wells) located both on- and off-site. On-site monitoring wells included DW-1, DW-2, EW-5, EW-7C, EW-7D, EW-8D, EW-9D, and SW-1. Off-site wells included BP-3A, BP-3B, BP-3C, EW-1A, EW-1B, EW-1C, EW-2A, EW-2B, EW-2C, EW-2D, EW-3A, EW-3B, EW-3C, EW-4A, EW-4B, EW-4C, EW-4D, EW-6A, EW-6C, EW-10C, EW-11D, EW-12D, EW-13D, EW-14D, LF-02, MW-6D, MW-8A, MW-8B, MW-8C, MW-10B, MW-10C, MW-10D, WT-01, EXT-1, EXT-2, and EXT-3 (EXTs are extraction wells). The monitoring well and extraction well locations are depicted in Figure 2a. A description of the groundwater sampling event is provided below.

4.1 Hydrological Data

Prior to sampling, static groundwater levels were measured at all 44 locations on October 19, 2011. Four wells were not sounded due to wasps nests in the well caps. Depths to groundwater ranged from 40.6 ft (EW-14D) to 99.3 ft (EW-11D) below ground surface (bgs). Overall, groundwater elevations and flow directions (Figure 2b) were consistent with previous data.

4.2 **Groundwater Sample Collection**

To collect representative groundwater samples, the wells were purged using standard EPA low flow sampling equipment and procedures. Purging required removing water from the well at a rate of at least 250 milliliters per minute, but not greater than 1 liter per minute for a sufficient length of time for water quality parameters to stabilize (i.e. pH, Specific Conductivity, Temperature, Dissolved Oxygen, Oxidation/Reduction Potential, and Turbidity) within a parameter specific control range. Drawdown did not exceed ten percent of the standing water column. Sampling commenced immediately after purging, without adjusting the flow rate or water intake depth. Provided below is a description of the procedures utilized to collect groundwater samples:

- All field instruments were calibrated at the beginning of each work day.
- Monitoring well covers were unlocked and carefully removed to avoid any foreign material enter the well.
- The water level was measured below the top of casing using an electronic water level indicator. With knowledge of the total depth of the well, the volume of water in the well was calculated. The tape and probe of the water level indicator was cleaned with an Alconox and water soaked paper towel while reeling in.
- Dedicated Teflon lined polyethylene tubing and pump was installed into the well and the end of the pump was set to approximately the midpoint of the screen interval inside the well.
- Each well has a dedicated bladder pump at monitoring well locations and dedicated Grundfos pump at extraction well locations. All wells except

BP-3A, EW-6A, EW-6C, LF-2, MW-6D, MW-8A, MW-8B, MW-8C, MW-10B, MW-10C, MW-10D, and WT-01 have dedicated pumps.

- The tubing was attached to a flow-through cell water quality monitor (YSI 600xl).
- The pump was turned on and set to a relatively low discharge rate (less than 1-liter per minute) and drawdown rate was monitored using a water level indicator.
- The wells were purged while collecting water quality measurements (pH, Specific Conductivity, Temperature, Dissolved Oxygen, Oxidation/Reduction Potential, and Turbidity) and water level measurements were collected every 3 to 5-minutes.
- After water quality conditions stabilized and well purging was completed, a groundwater sample was collected into the appropriate containers.
- The VOC sample containers were filled first. The discharge tubing was directed toward the inside wall of the sample container to minimize volatilization. VOC sample containers were filled so that no headspace (air bubbles) was present.
- Each sample bottle was labeled in the field and placed in a cooler with ice.
- All non-disposable equipment was decontaminated with Alconox and water, and then rinsed with deionized water prior to and after each use.
- Monitoring well sampling data was recorded in a groundwater well sampling form (provided in Appendix A).

The samples were submitted to Test America Laboratory, of Edison, New Jersey, an NYSDOH ELAP approved laboratory, to be analyzed for VOA (21). A list of wells and analytical results are presented in Table 2. Groundwater sampling for metals was discontinued following the July 2011 sampling event.

4.3 **Groundwater Test Results**

To assess the status of groundwater quality at the site and surrounding area, HRP compared collected analytical data from the October 2011 sampling event to historical conditions and to applicable NYSDEC water quality criteria. HRP compared collected analytical data from the October 2011 sampling event to historical conditions and to applicable NYSDEC water quality criteria. The groundwater analytical results of the fourth quarter sampling event, conducted in October 2011, detected tetrachloroethylene, trichloroethylene, 1,1,1-trichloroethane, 1,1-dichloroethylene, cis-1,2-dichloroethylene, and benzene. See table 2 for complete results.

Comparisons to historical groundwater monitoring data enabled assessment of the general effectiveness of the treatment system. Comparisons to applicable criteria facilitated evaluation compliance with water quality standards (Table 2).

4.3.1 Comparison to Historical Groundwater Quality

The attached charts (Chart 5a through Chart-5c) illustrate the historical concentration trends for PCE and/or TCE in three wells (EW-1a, EW-4c, SW-1). These wells were selected due to consistent elevated VOC analytical results and the presence of sufficient historical data. In all cases, the results indicate a general downward trend in VOC concentrations (Charts 5a through 5c).

4.3.2 VOC Plume Evaluation

An assessment of groundwater contamination distribution was conducted by creating contaminant isopleths maps for PCE and TCE (Figures 3a through 3d). Isopleths were generated for three distinct horizons, based on the screen elevations of site wells. These horizons are comparable to those identified in a 2001 SAIC groundwater report for the site. An additional isopleth map demonstrating the plume footprint (Figure 3d) was created using the maximum concentration observed in each well cluster.

Shallow Contamination

The shallow groundwater horizon (Figure 3a) includes wells screened from 44.86-75.10 feet above mean sea level (ft AMSL) and is comprised of wells EW-1a, EW-2a, EW-3a, EW-4a, EW-6a, and SW-1. There is an isolated area of groundwater impact where TCE is above the NYSDEC class GA water quality standard (5 μ g/l) to the southwest of the site building, near SW-1. PCE impacts also are near SW-1, and are more prevalent, extending to the northeast to EW-4a and south to EW-1a. Wells in the EW-3 cluster are not shown on the figure, but were included in plume evaluation. Neither PCE nor TCE was detected in the EW-3 cluster.

Intermediate Contamination

The intermediate groundwater horizon (Figure 3b) includes wells screened from 22.32 to 53.5 ft AMSL and is comprised of wells EW-1b, EW-2b, EW-3b, EW-4b, MW-8a, DW-1, and DW-2. An isolated area of PCE impact above NYSDEC class GA criteria is centered on MW-8a. A secondary area of PCE and TCE impact above NYSDEC class GA criteria is centered on EW-4b. Wells in the EW-3 cluster are not shown on the figure, but were included in plume evaluation. Neither PCE nor TCE was detected in the EW-3 cluster.

Deep Contamination

The deep groundwater horizon (Figure 3c) includes wells screened from -6.84 to 19.11 ft AMSL and is comprised of wells EW-1c, EW-2c, EW-3c, EW-4c, and EW-10c. Groundwater concentrations of PCE and TCE in

this horizon were above NYSDEC class GA criteria to the northeast of the site buildings, and the predominant compound appears to be TCE. No groundwater impacts of PCE or TCE were observed above the water quality standards to the south of the site buildings. Wells in the EW-3 cluster are not shown on the figure, but were included in plume evaluation. Neither PCE nor TCE was detected in the EW-3 cluster.

Plume Footprint

PCE is present in groundwater in two comingled plumes. The highest concentrations of PCE were observed in the shallow horizon at SW-1 (62 $\mu g/l)$ located southwest of the Site building. Additional PCE contamination appears to be migrating on-site from the northeast, evidenced by concentrations in the EW-7 (31 $\mu g/l)$ and EW-4 (11 $\mu g/l)$ clusters. PCE concentrations were also observed at target concentrations (5 $\mu g/l)$ in the MW-10 cluster (6.6 $\mu g/l)$, southeast of the site buildings.

TCE contamination appears to be primarily migrating on-site from the northeast [well clusters EW-7 (710 μ g/l) and EW-4 (79 μ g/l)]. A minor TCE concentration in groundwater at SW-1 (6.6 μ g/l) may indicate comingled plumes, although observed concentrations are orders of magnitude lower than those migrating on-site. Similar isolated detections were observed at the MW-10 cluster (15 μ g/l) and concentrations of TCE in EW-14d (340 μ g/l) indicate that a third plume of an unknown source may be present (Figure 3d).

5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusions

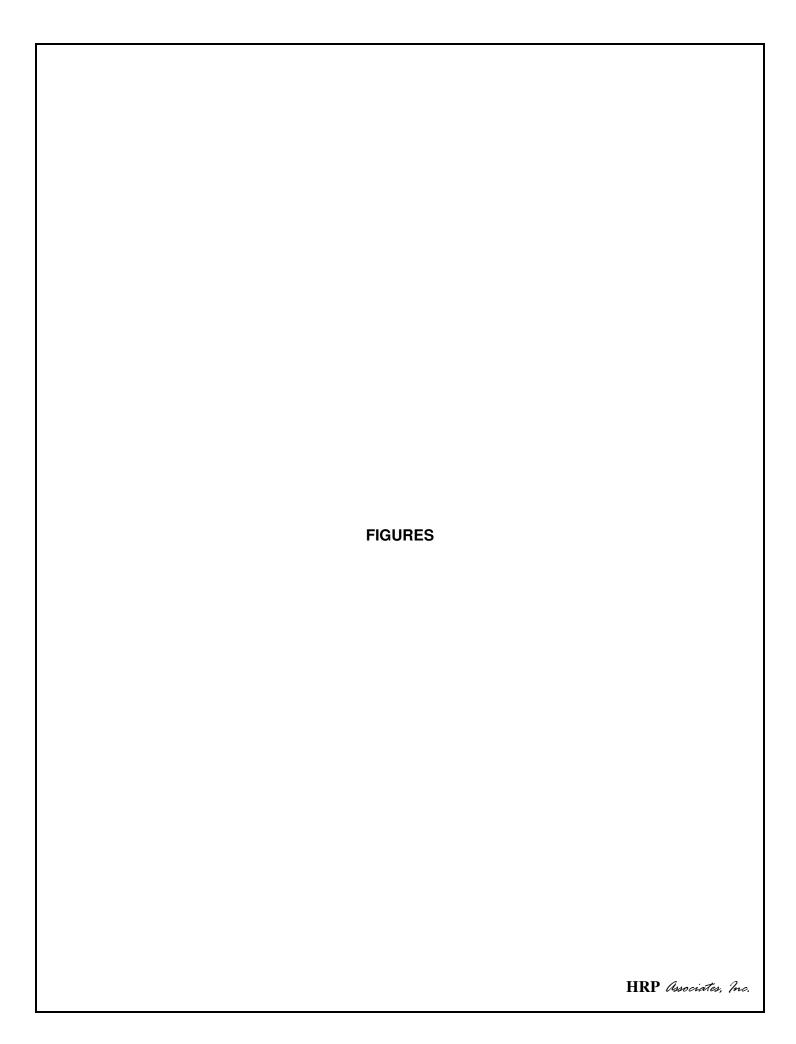
HRP completed a groundwater monitoring event in October 2011 at the Claremont Polychemical Corporation site, in which 44 groundwater samples were collected. Analysis of the data has resulted in the following conclusions,

- A groundwater plume of VOCs, primarily PCE originates from the south of the main site building;
- Up to three other plumes migrate into the study area, and are marked by TCE predominance;
- The current groundwater treatment system is providing sufficient capture of the plume generated onsite;
- Some or all of the TCE plume originating northeast of the site is not being captured by the current treatment system; and
- Two plumes identified southeast of the site may be related to the northernmost plume, although data gaps between the plumes exist based on the current monitoring network.

5.2 Recommendations

Based on analysis of data collected during this and historical events, HRP has the following recommendations for the Claremont Polychemical Corporation site:

- Continued operation of the site system to capture the VOC plume generated from an on-site source and quarterly VOC sampling to verify that the plume is controlled:
- Evaluation of possible system expansion to the east to capture the plume migrating onsite from the area north of the EW-7 cluster (Figure 3d);
- Investigation to identify the source and connectivity of the plumes or elevated concentrations identified in the MW-10 cluster and at EW-14d (Figure 3d); and
- Given the stable nature of the VOC plume and goals of plume monitoring, HRP recommends evaluation of passive diffusion sampling using passive diffusion bags (PDBs) for VOCs as an alternative to low flow sampling methods.



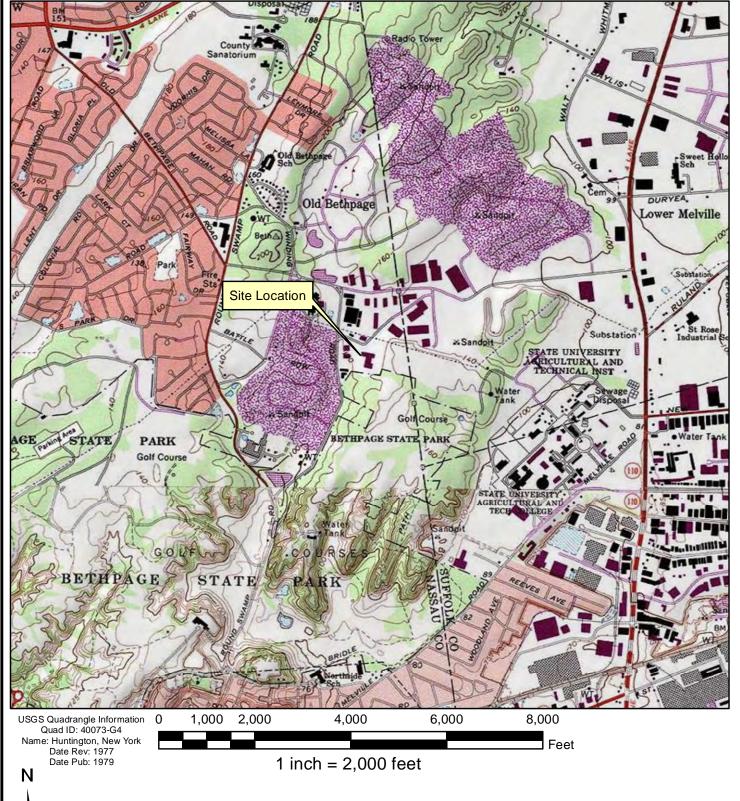
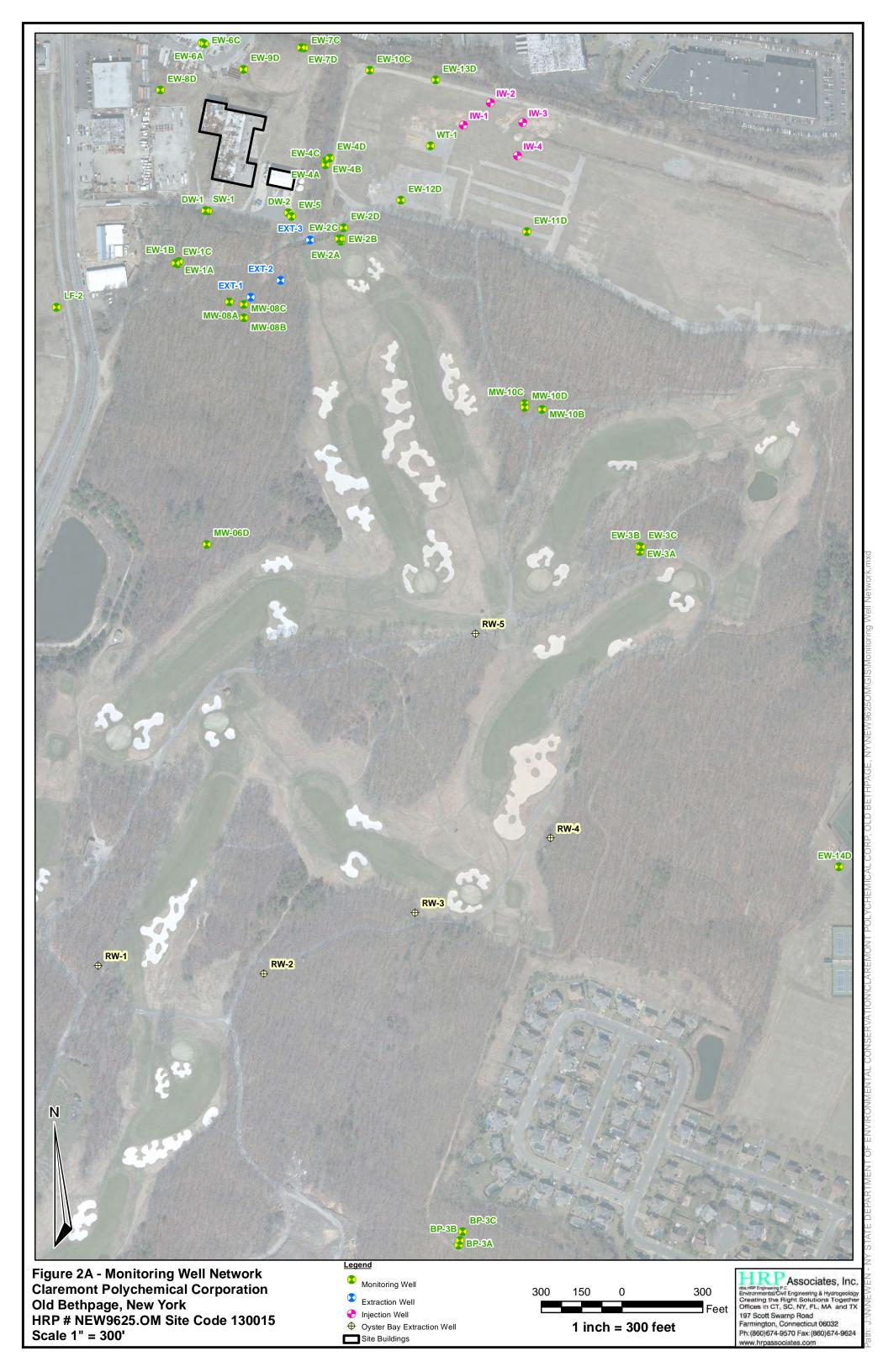


Figure 1
Site Location
Claremont Polychemical Corporation
Old Bethpage, New York
HRP # NEW9625.OM
Site Code 130015
Scale 1" = 2,000'

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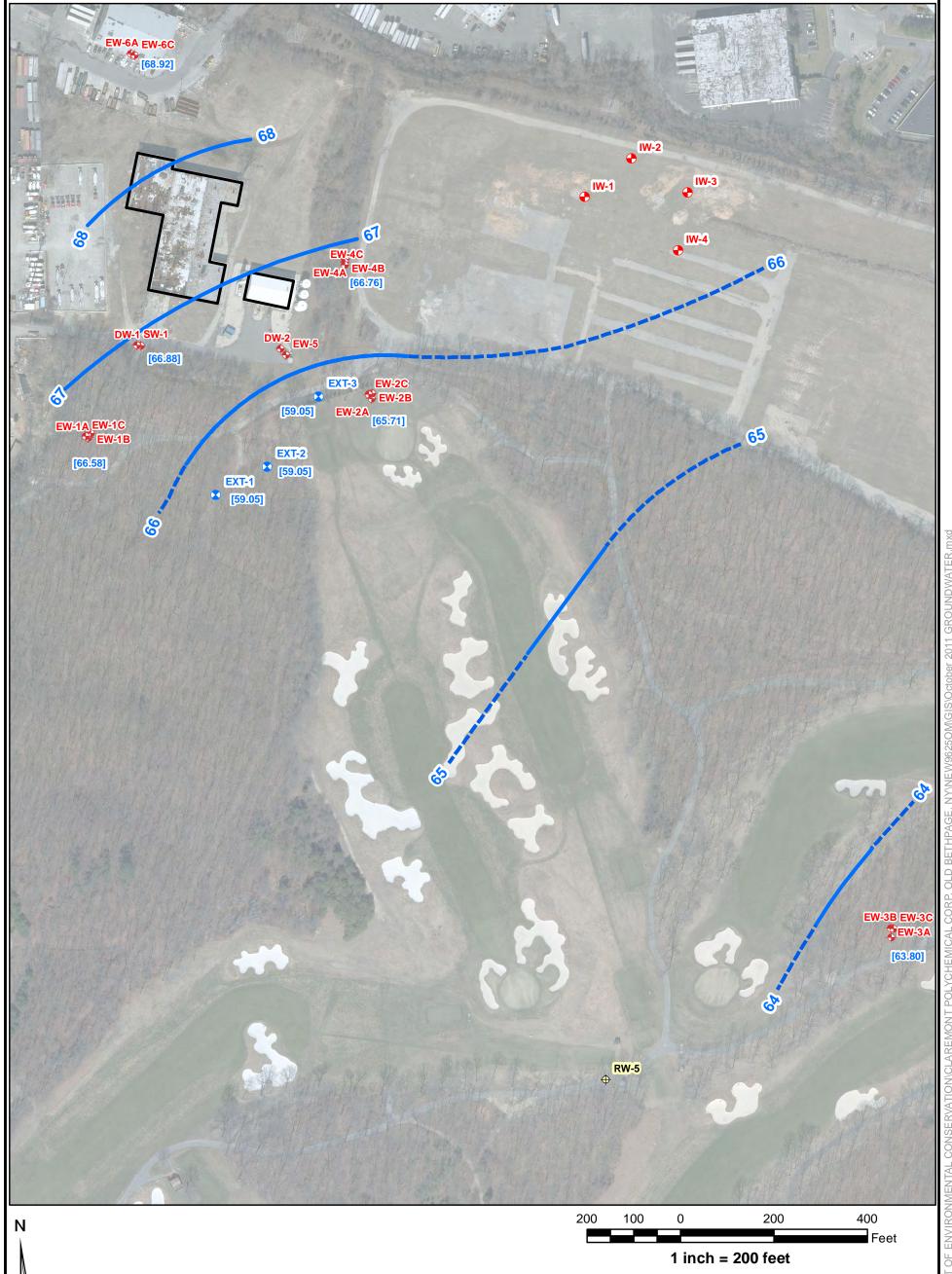


Figure 2B
Shallow Groundwater
Elevation Contours
October 2011
Claremont Polychemical Corporation
Old Bethpage, New York
HRP # NEW9625.OM Site Code 130015
Scale 1" = 200'

Legend

- Monitoring Well
- Extraction Well
- Injection Well
- Oyster Bay Extraction Well

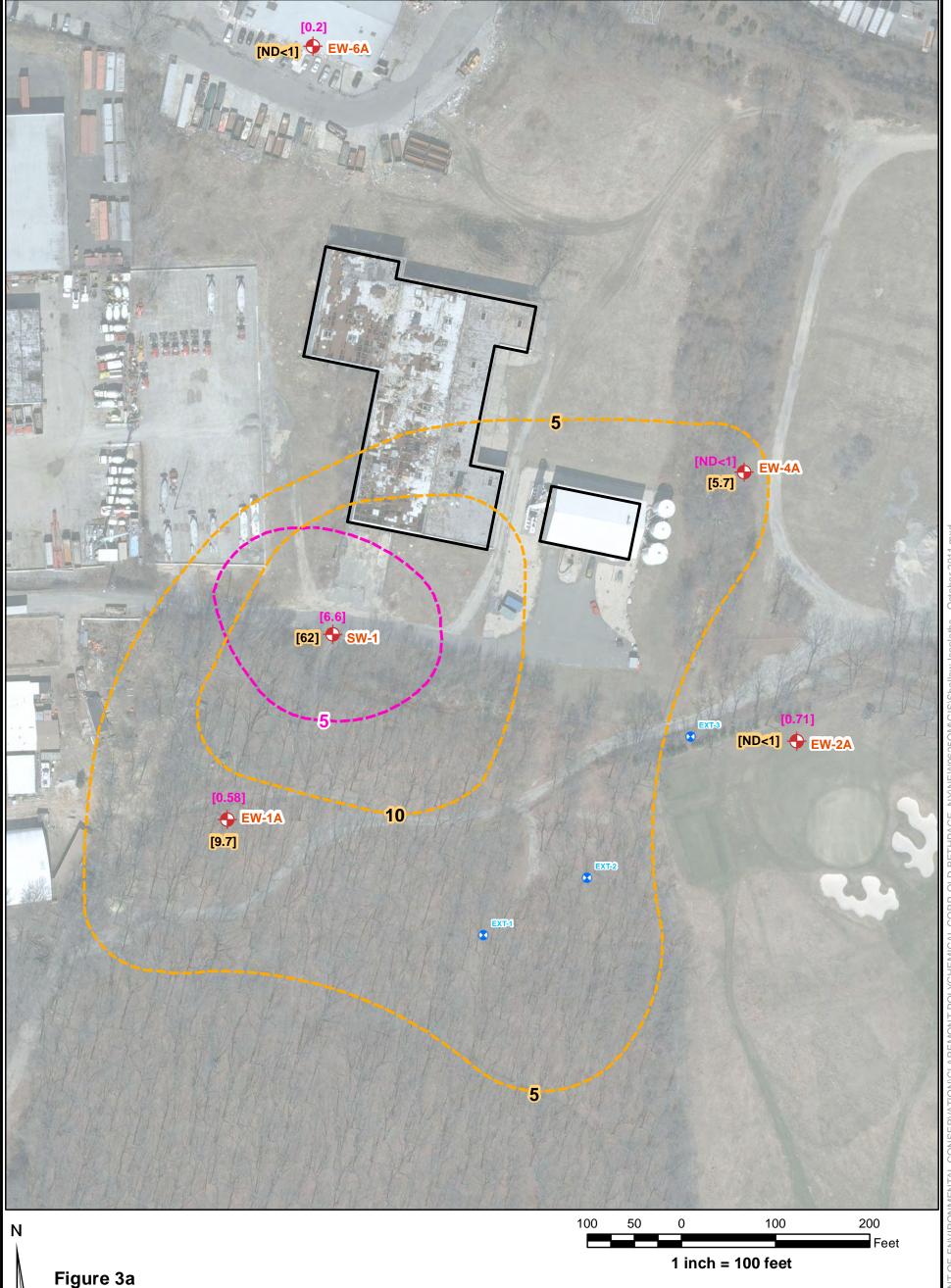
October 2011 GW Elevation Contour

Note: Contours dashed where inferred.

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C. Ggy eer X



Shallow Groundwater PCE and TCE
Contaminant Isopleths
(Screened Interval: 44.68-75.10' AMSL)
October 2011
Claremont Polychemical Corporation
Old Bethpage, New York
HRP # NEW9625.OM
Site Code 130015
Scale 1" = 100'

Legend

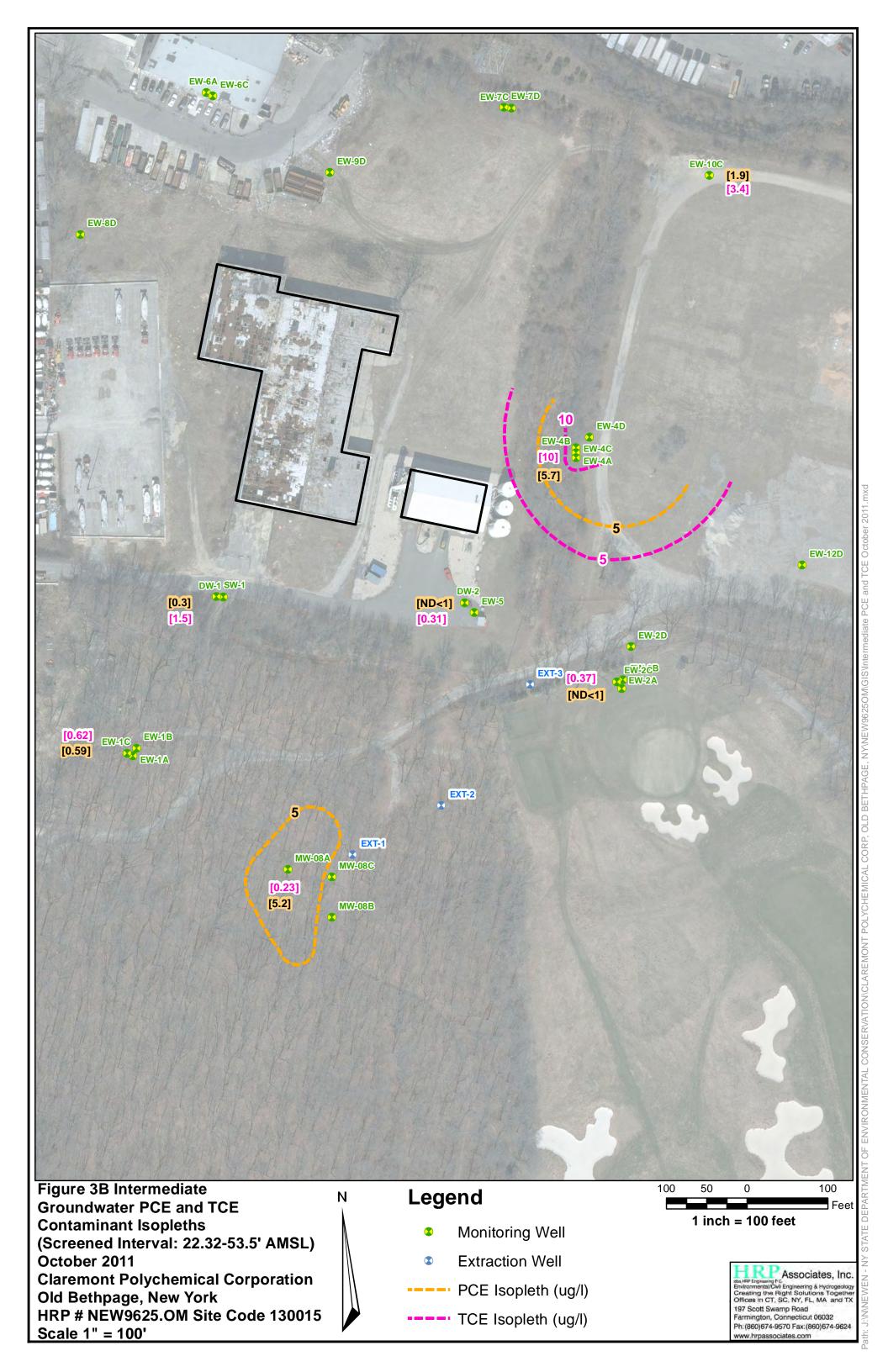
Monitoring WellExtraction WellPCE Isopleths (ug/l)

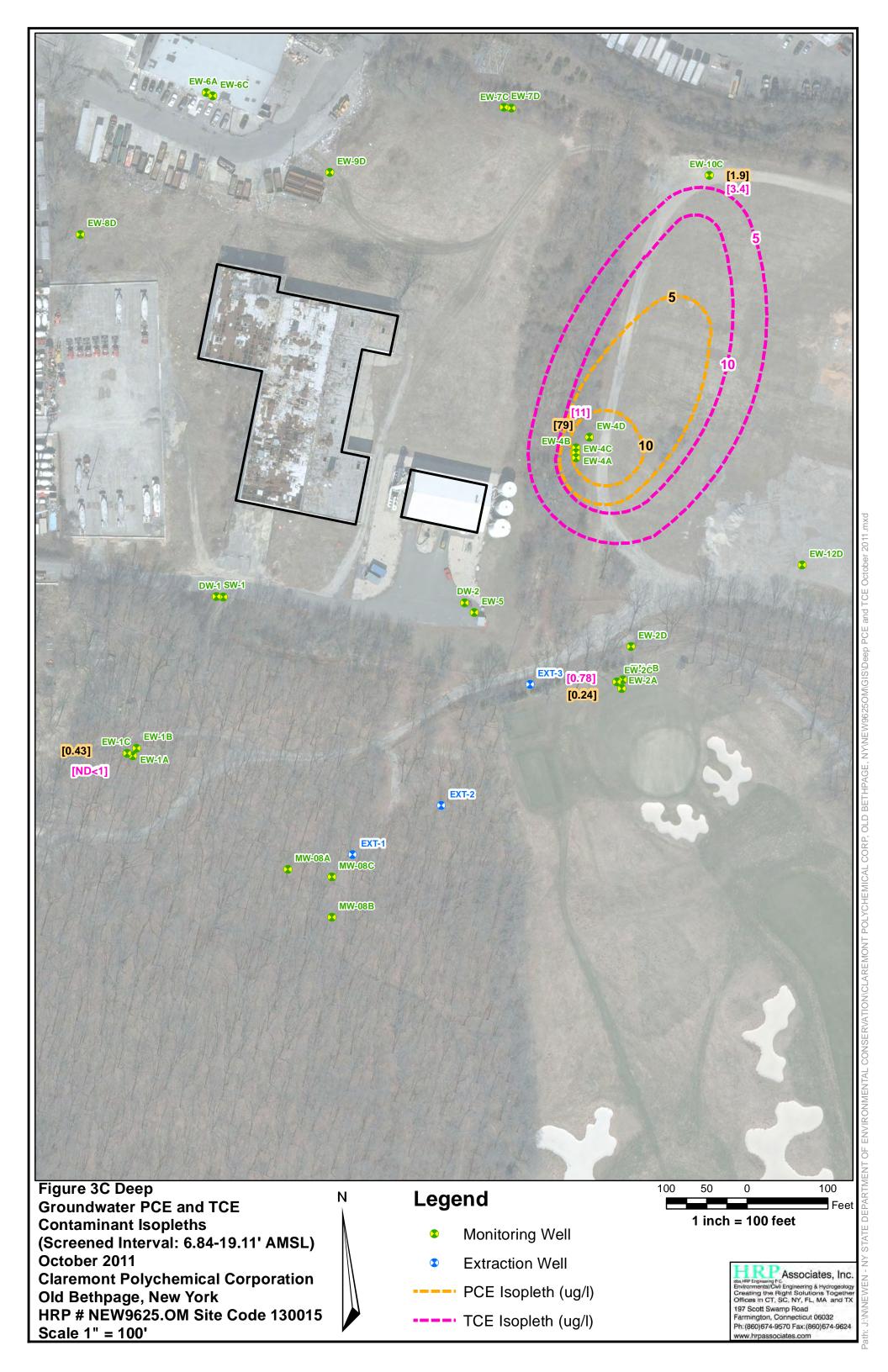
PCE Isopleths (ug/l)
TCE Isopleths (ug/l)

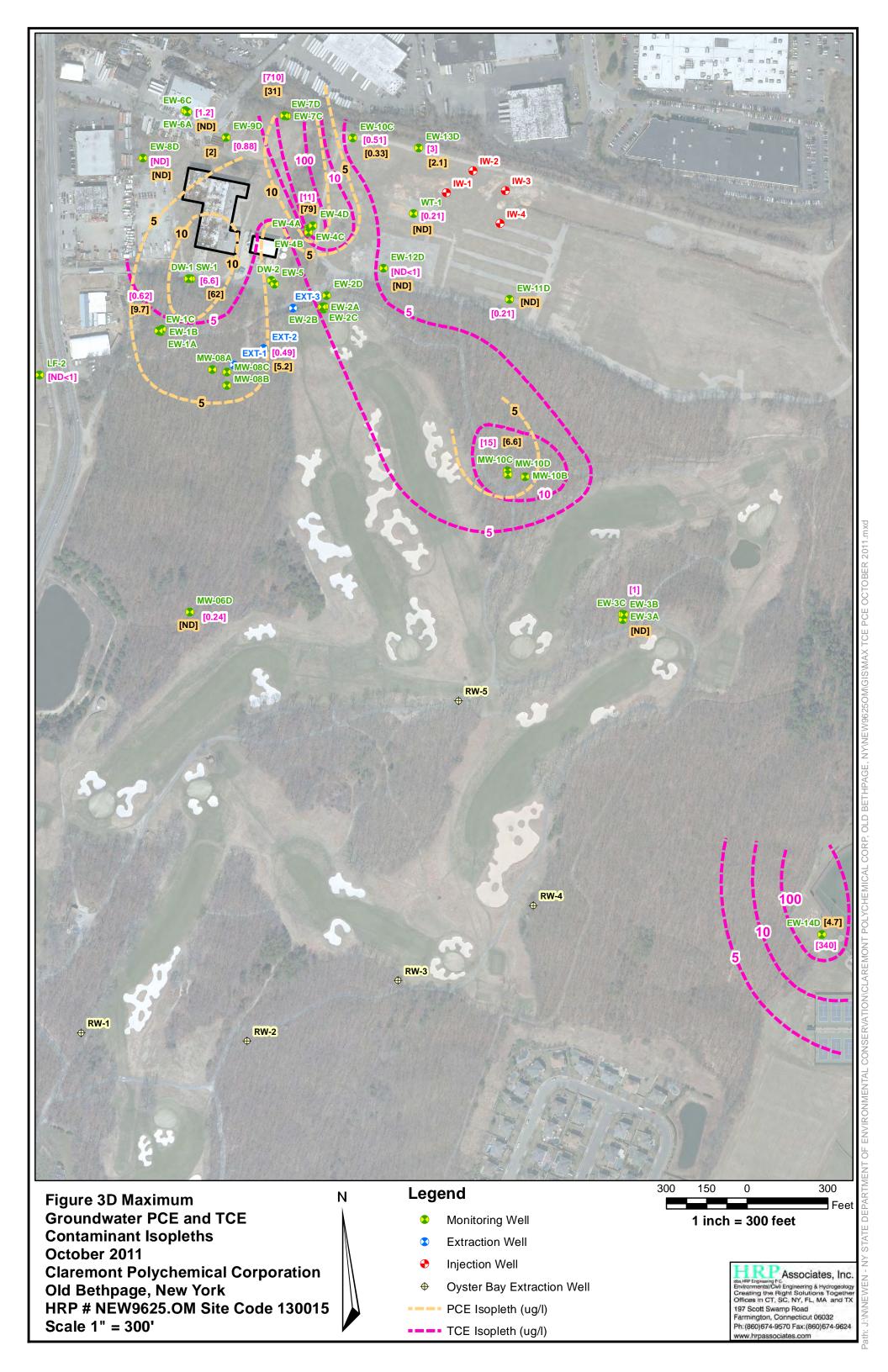
ND<# Not Detected above reporting limit

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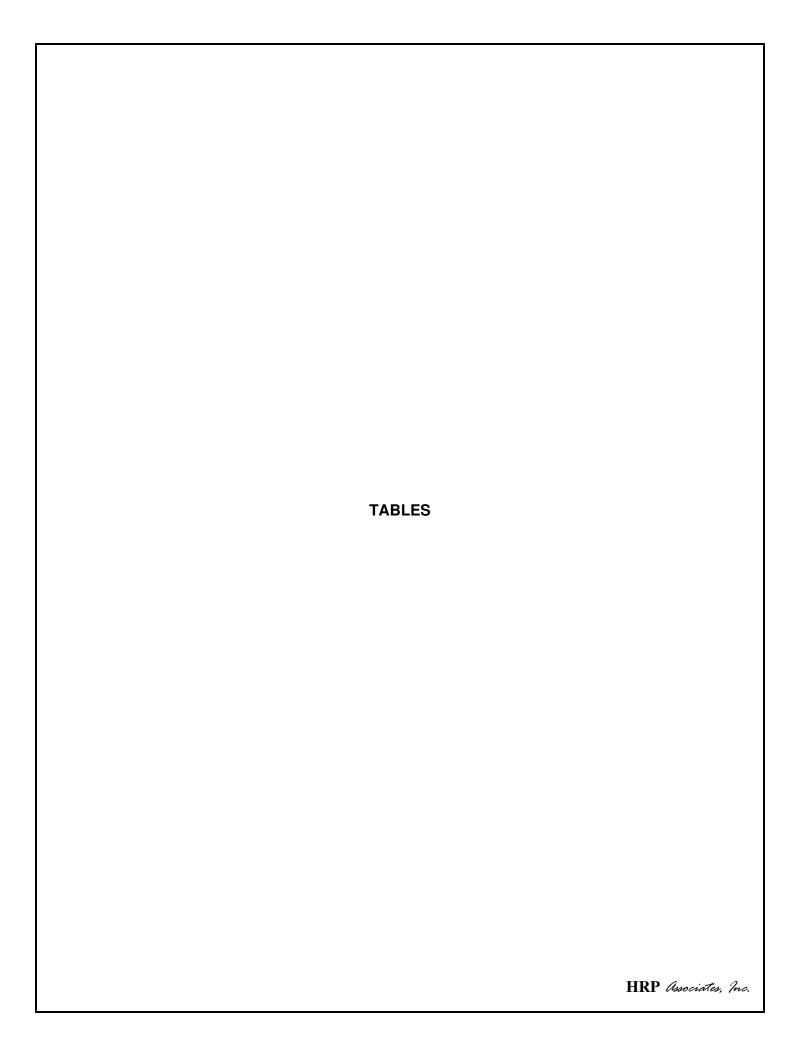


Table 1: Groundwater Elevations Claremont Polychemical Superfund Site 4th Quarter 2011 Groundwater Sampling Event Old Bethpage, NY HRR#NEW0625 OM

HRP#NEW9625.OM Site Code: 130015 WA# D006130-19

Big Continue	Oct-11 Depth to Water Below Ref El ^b (ft) 63.42 63.94 63.57 91.65 91.90 91.56 91.70 95.15 95.34 95.21 94.82 94.94 94.73 94.73 94.79 70.12 61.40 abandoned	Water Elevation (ft AMSL) 66.58 66.59 66.87 65.71 65.83 66.10 66.54 63.80 63.75 63.74 66.96 66.86 66.81 66.98 66.86 66.81
Well ID Elev.of Screened Interval (ft AMSL) (NGVD29) to Top of PVC Casing (ft AMSL) Sample Date Monitoring Wells EW-1A 53.34 to 63.17 130.02 19-Oct-11 EW-1B 28.75 to 38.58 130.56 19-Oct-11 EW-1C 3.43 to 13.26 130.47 19-Oct-11 EW-2A 65.19 to 55.36 157.14 19-Oct-11 EW-2B 28.74 to 38.57 157.61 19-Oct-11 EW-2C 7.60 to 17.43 157.54 19-Oct-11 EW-2D -132.55 to -142.55 NA 19-Oct-11 EW-3A 52.28 to 62.11 158.92 19-Oct-11 EW-3B 22.32 to 32.15 159.06 19-Oct-11 EW-3C 2.99 to -6.84 158.92 19-Oct-11 EW-4A 44.86 to 59.69 161.89 19-Oct-11 EW-4B 29.8 to 39.63 161.67 19-Oct-11 EW-4C 4.59 to 14.42 161.41 19-Oct-11 EW-4D -125.26 to -135.26 NA 19-Oct-11 EW-5 -31.16 t	Water Below Ref El ^b (ft) 63.42 63.94 63.57 91.65 91.90 91.56 91.70 95.15 95.34 95.21 94.82 94.94 94.73 94.79 70.12 61.40	Elevation (ft AMSL) 66.58 66.59 66.87 65.71 65.83 66.10 66.54 63.80 63.75 63.74 66.96 66.86 66.81 66.98 66.86 66.81 66.98
Well ID (ft AMSL) (ft AMSL) Date Monitoring Wells EW-1A 53.34 to 63.17 130.02 19-Oct-11 EW-1B 28.75 to 38.58 130.56 19-Oct-11 EW-1C 3.43 to 13.26 130.47 19-Oct-11 EW-2A 65.19 to 55.36 157.14 19-Oct-11 EW-2B 28.74 to 38.57 157.61 19-Oct-11 EW-2B 28.74 to 38.57 157.61 19-Oct-11 EW-2B 28.74 to 38.57 157.61 19-Oct-11 EW-2C 7.60 to 17.43 157.54 19-Oct-11 EW-2D -132.55 to -142.55 NA 19-Oct-11 EW-3A 52.28 to 62.11 158.92 19-Oct-11 EW-3B 22.32 to 32.15 159.06 19-Oct-11 EW-3B 22.32 to 32.15 159.06 19-Oct-11 EW-3C 2.99 to -6.84 158.92 19-Oct-11 EW-4A 44.86 to 59.69 161.89 19-Oct-11 EW-4B 29.8 to 39.63 161.67 19-Oct-11 <th>63.42 63.94 63.57 91.65 91.90 91.56 91.70 95.15 95.34 95.21 94.82 94.94 94.73 94.79 70.12 61.40</th> <th>66.58 66.59 66.87 65.71 65.83 66.10 66.54 63.80 63.75 63.74 66.96 66.86 66.81 66.98 66.86 66.86 66.86</th>	63.42 63.94 63.57 91.65 91.90 91.56 91.70 95.15 95.34 95.21 94.82 94.94 94.73 94.79 70.12 61.40	66.58 66.59 66.87 65.71 65.83 66.10 66.54 63.80 63.75 63.74 66.96 66.86 66.81 66.98 66.86 66.86 66.86
Monitoring Wells EW-1A 53.34 to 63.17 130.02 19-Oct-11 EW-1B 28.75 to 38.58 130.56 19-Oct-11 EW-1C 3.43 to 13.26 130.47 19-Oct-11 EW-2A 65.19 to 55.36 157.14 19-Oct-11 EW-2B 28.74 to 38.57 157.61 19-Oct-11 EW-2B 28.74 to 38.57 157.61 19-Oct-11 EW-2C 7.60 to 17.43 157.54 19-Oct-11 EW-2D -132.55 to -142.55 NA 19-Oct-11 EW-3A 52.28 to 62.11 158.92 19-Oct-11 EW-3B 22.32 to 32.15 159.06 19-Oct-11 EW-3B 22.32 to 32.15 159.06 19-Oct-11 EW-3C 2.99 to -6.84 158.92 19-Oct-11 EW-4A 44.86 to 59.69 161.89 19-Oct-11 EW-4B 29.8 to 39.63 161.67 19-Oct-11 EW-4C 4.59 to 14.42 161.41 19-Oct-11 EW-4D -125.26 to -135.26 NA 19-Oct-11	63.42 63.94 63.57 91.65 91.90 91.56 91.70 95.15 95.34 95.21 94.82 94.94 94.73 94.79 70.12 61.40	66.58 66.59 66.87 65.71 65.83 66.10 66.54 63.80 63.75 63.74 66.96 66.86 66.81 66.98 66.86 66.86 66.86
EW-1A 53.34 to 63.17 130.02 19-Oct-11 EW-1B 28.75 to 38.58 130.56 19-Oct-11 EW-1C 3.43 to 13.26 130.47 19-Oct-11 EW-2A 65.19 to 55.36 157.14 19-Oct-11 EW-2B 28.74 to 38.57 157.61 19-Oct-11 EW-2B 28.74 to 38.57 157.61 19-Oct-11 EW-2C 7.60 to 17.43 157.54 19-Oct-11 EW-2D -132.55 to -142.55 NA 19-Oct-11 EW-3A 52.28 to 62.11 158.92 19-Oct-11 EW-3B 22.32 to 32.15 159.06 19-Oct-11 EW-3B 22.32 to 32.15 159.06 19-Oct-11 EW-3C 2.99 to -6.84 158.92 19-Oct-11 EW-4A 44.86 to 59.69 161.89 19-Oct-11 EW-4B 29.8 to 39.63 161.67 19-Oct-11 EW-4B 29.8 to 39.63 161.67 19-Oct-11 EW-4C 4.59 to 14.42 161.41 19-Oct-11 EW-4D -125.26 to -135.26 NA 19-Oct-11 EW-5 -31.16 to -4	63.94 63.57 91.65 91.90 91.56 91.70 95.15 95.34 95.21 94.82 94.94 94.73 94.79 70.12 61.40	66.59 66.87 65.71 65.83 66.10 66.54 63.80 63.75 63.74 66.96 66.86 66.81 66.98 66.86 68.92
EW-1B 28.75 to 38.58 130.56 19-Oct-11 EW-1C 3.43 to 13.26 130.47 19-Oct-11 EW-2A 65.19 to 55.36 157.14 19-Oct-11 EW-2B 28.74 to 38.57 157.61 19-Oct-11 EW-2C 7.60 to 17.43 157.54 19-Oct-11 EW-2D -132.55 to -142.55 NA 19-Oct-11 EW-3A 52.28 to 62.11 158.92 19-Oct-11 EW-3B 22.32 to 32.15 159.06 19-Oct-11 EW-3B 22.32 to 32.15 159.06 19-Oct-11 EW-3C 2.99 to -6.84 158.92 19-Oct-11 EW-4A 44.86 to 59.69 161.89 19-Oct-11 EW-4B 29.8 to 39.63 161.67 19-Oct-11 EW-4C 4.59 to 14.42 161.41 19-Oct-11 EW-4D -125.26 to -135.26 NA 19-Oct-11 EW-5 -31.16 to -40.99 135.55 19-Oct-11 EW-6A 57.66 to 67.49 130.32 19-Oct-11 EW-6B 10.79 to 20.62 130.61 20.61	63.94 63.57 91.65 91.90 91.56 91.70 95.15 95.34 95.21 94.82 94.94 94.73 94.79 70.12 61.40	66.59 66.87 65.71 65.83 66.10 66.54 63.80 63.75 63.74 66.96 66.86 66.81 66.98 66.86 68.92
EW-1C 3.43 to 13.26 130.47 19-Oct-11 EW-2A 65.19 to 55.36 157.14 19-Oct-11 EW-2B 28.74 to 38.57 157.61 19-Oct-11 EW-2C 7.60 to 17.43 157.54 19-Oct-11 EW-2D -132.55 to -142.55 NA 19-Oct-11 EW-3A 52.28 to 62.11 158.92 19-Oct-11 EW-3B 22.32 to 32.15 159.06 19-Oct-11 EW-3C 2.99 to -6.84 158.92 19-Oct-11 EW-4A 44.86 to 59.69 161.89 19-Oct-11 EW-4B 29.8 to 39.63 161.67 19-Oct-11 EW-4C 4.59 to 14.42 161.41 19-Oct-11 EW-4D -125.26 to -135.26 NA 19-Oct-11 EW-5 -31.16 to -40.99 135.55 19-Oct-11 EW-6A 57.66 to 67.49 130.32 19-Oct-11 EW-6B 10.79 to 20.62 130.61 4	63.57 91.65 91.90 91.56 91.70 95.15 95.34 95.21 94.82 94.94 94.73 94.79 70.12 61.40	66.87 65.71 65.83 66.10 66.54 63.80 63.75 63.74 66.96 66.86 66.81 66.98 66.86 66.86 66.86
EW-2A 65.19 to 55.36 157.14 19-Oct-11 EW-2B 28.74 to 38.57 157.61 19-Oct-11 EW-2C 7.60 to 17.43 157.54 19-Oct-11 EW-2D -132.55 to -142.55 NA 19-Oct-11 EW-3A 52.28 to 62.11 158.92 19-Oct-11 EW-3B 22.32 to 32.15 159.06 19-Oct-11 EW-3C 2.99 to -6.84 158.92 19-Oct-11 EW-4A 44.86 to 59.69 161.89 19-Oct-11 EW-4B 29.8 to 39.63 161.67 19-Oct-11 EW-4C 4.59 to 14.42 161.41 19-Oct-11 EW-4D -125.26 to -135.26 NA 19-Oct-11 EW-5 -31.16 to -40.99 135.55 19-Oct-11 EW-6A 57.66 to 67.49 130.32 19-Oct-11 EW-6B 10.79 to 20.62 130.61 20.62	91.65 91.90 91.56 91.70 95.15 95.34 95.21 94.82 94.94 94.73 94.79 70.12 61.40	65.71 65.83 66.10 66.54 63.80 63.75 63.74 66.96 66.86 66.81 66.98 66.86 68.92
EW-2B 28.74 to 38.57 157.61 19-Oct-11 EW-2C 7.60 to 17.43 157.54 19-Oct-11 EW-2D -132.55 to -142.55 NA 19-Oct-11 EW-3A 52.28 to 62.11 158.92 19-Oct-11 EW-3B 22.32 to 32.15 159.06 19-Oct-11 EW-3C 2.99 to -6.84 158.92 19-Oct-11 EW-4A 44.86 to 59.69 161.89 19-Oct-11 EW-4B 29.8 to 39.63 161.67 19-Oct-11 EW-4C 4.59 to 14.42 161.41 19-Oct-11 EW-4D -125.26 to -135.26 NA 19-Oct-11 EW-5 -31.16 to -40.99 135.55 19-Oct-11 EW-6A 57.66 to 67.49 130.32 19-Oct-11 EW-6B 10.79 to 20.62 130.61 4	91.90 91.56 91.70 95.15 95.34 95.21 94.82 94.94 94.73 94.79 70.12 61.40	65.83 66.10 66.54 63.80 63.75 63.74 66.96 66.86 66.81 66.98 66.86 66.86 68.92
EW-2C 7.60 to 17.43 157.54 19-Oct-11 EW-2D -132.55 to -142.55 NA 19-Oct-11 EW-3A 52.28 to 62.11 158.92 19-Oct-11 EW-3B 22.32 to 32.15 159.06 19-Oct-11 EW-3C 2.99 to -6.84 158.92 19-Oct-11 EW-4A 44.86 to 59.69 161.89 19-Oct-11 EW-4B 29.8 to 39.63 161.67 19-Oct-11 EW-4C 4.59 to 14.42 161.41 19-Oct-11 EW-4D -125.26 to -135.26 NA 19-Oct-11 EW-5 -31.16 to -40.99 135.55 19-Oct-11 EW-6A 57.66 to 67.49 130.32 19-Oct-11 EW-6B 10.79 to 20.62 130.61 4	91.56 91.70 95.15 95.34 95.21 94.82 94.94 94.73 94.79 70.12 61.40	66.10 66.54 63.80 63.75 63.74 66.96 66.86 66.81 66.98 66.86 66.86
EW-2D -132.55 to -142.55 NA 19-Oct-11 EW-3A 52.28 to 62.11 158.92 19-Oct-11 EW-3B 22.32 to 32.15 159.06 19-Oct-11 EW-3C 2.99 to -6.84 158.92 19-Oct-11 EW-4A 44.86 to 59.69 161.89 19-Oct-11 EW-4B 29.8 to 39.63 161.67 19-Oct-11 EW-4C 4.59 to 14.42 161.41 19-Oct-11 EW-4D -125.26 to -135.26 NA 19-Oct-11 EW-5 -31.16 to -40.99 135.55 19-Oct-11 EW-6A 57.66 to 67.49 130.32 19-Oct-11 EW-6B 10.79 to 20.62 130.61 4	91.70 95.15 95.34 95.21 94.82 94.94 94.73 94.79 70.12 61.40	66.54 63.80 63.75 63.74 66.96 66.86 66.81 66.98 66.86 66.86 66.86
EW-3A 52.28 to 62.11 158.92 19-Oct-11 EW-3B 22.32 to 32.15 159.06 19-Oct-11 EW-3C 2.99 to -6.84 158.92 19-Oct-11 EW-4A 44.86 to 59.69 161.89 19-Oct-11 EW-4B 29.8 to 39.63 161.67 19-Oct-11 EW-4C 4.59 to 14.42 161.41 19-Oct-11 EW-4D -125.26 to -135.26 NA 19-Oct-11 EW-5 -31.16 to -40.99 135.55 19-Oct-11 EW-6A 57.66 to 67.49 130.32 19-Oct-11 EW-6B 10.79 to 20.62 130.61 20.62	95.15 95.34 95.21 94.82 94.94 94.73 94.79 70.12 61.40	63.80 63.75 63.74 66.96 66.86 66.81 66.98 66.86 68.92
EW-3B 22.32 to 32.15 159.06 19-Oct-11 EW-3C 2.99 to -6.84 158.92 19-Oct-11 EW-4A 44.86 to 59.69 161.89 19-Oct-11 EW-4B 29.8 to 39.63 161.67 19-Oct-11 EW-4C 4.59 to 14.42 161.41 19-Oct-11 EW-4D -125.26 to -135.26 NA 19-Oct-11 EW-5 -31.16 to -40.99 135.55 19-Oct-11 EW-6A 57.66 to 67.49 130.32 19-Oct-11 EW-6B 10.79 to 20.62 130.61 4	95.34 95.21 94.82 94.94 94.73 94.79 70.12 61.40	63.75 63.74 66.96 66.86 66.81 66.98 66.86 68.92
EW-3C 2.99 to -6.84 158.92 19-Oct-11 EW-4A 44.86 to 59.69 161.89 19-Oct-11 EW-4B 29.8 to 39.63 161.67 19-Oct-11 EW-4C 4.59 to 14.42 161.41 19-Oct-11 EW-4D -125.26 to -135.26 NA 19-Oct-11 EW-5 -31.16 to -40.99 135.55 19-Oct-11 EW-6A 57.66 to 67.49 130.32 19-Oct-11 EW-6B 10.79 to 20.62 130.61 30.61	95.21 94.82 94.94 94.73 94.79 70.12 61.40	63.74 66.96 66.86 66.81 66.98 66.86 68.92
EW-4A 44.86 to 59.69 161.89 19-Oct-11 EW-4B 29.8 to 39.63 161.67 19-Oct-11 EW-4C 4.59 to 14.42 161.41 19-Oct-11 EW-4D -125.26 to -135.26 NA 19-Oct-11 EW-5 -31.16 to -40.99 135.55 19-Oct-11 EW-6A 57.66 to 67.49 130.32 19-Oct-11 EW-6B 10.79 to 20.62 130.61 4	94.82 94.94 94.73 94.79 70.12 61.40	66.96 66.86 66.81 66.98 66.86 68.92
EW-4B 29.8 to 39.63 161.67 19-Oct-11 EW-4C 4.59 to 14.42 161.41 19-Oct-11 EW-4D -125.26 to -135.26 NA 19-Oct-11 EW-5 -31.16 to -40.99 135.55 19-Oct-11 EW-6A 57.66 to 67.49 130.32 19-Oct-11 EW-6B 10.79 to 20.62 130.61 20.61	94.94 94.73 94.79 70.12 61.40	66.86 66.81 66.98 66.86 68.92
EW-4C 4.59 to 14.42 161.41 19-Oct-11 EW-4D -125.26 to -135.26 NA 19-Oct-11 EW-5 -31.16 to -40.99 135.55 19-Oct-11 EW-6A 57.66 to 67.49 130.32 19-Oct-11 EW-6B 10.79 to 20.62 130.61 4	94.73 94.79 70.12 61.40	66.81 66.98 66.86 68.92
EW-4D -125.26 to -135.26 NA 19-Oct-11 EW-5 -31.16 to -40.99 135.55 19-Oct-11 EW-6A 57.66 to 67.49 130.32 19-Oct-11 EW-6B 10.79 to 20.62 130.61 a	94.79 70.12 61.40	66.98 66.86 68.92
EW-5 -31.16 to -40.99 135.55 19-Oct-11 EW-6A 57.66 to 67.49 130.32 19-Oct-11 EW-6B 10.79 to 20.62 130.61 6	70.12 61.40	66.86 68.92
EW-6A 57.66 to 67.49 130.32 19-Oct-11 EW-6B 10.79 to 20.62 130.61 a	61.40	68.92
EW-6B 10.79 to 20.62 130.61 a		
	abandoned	d
		1
EW-6C -29.60 to -39.43 130.40 19-Oct-11	61.70	68.70
EW-7C -37.47 to -47.47 NA 19-Oct-11	85.95	67.84
EW-7D -121.47 to -131.47 NA 19-Oct-11	85.83	67.88
EW-8D -102.49 to -112.49 NA 19-Oct-11	63.80	67.74
EW-9D -108.6 to -118.6 NA 19-Oct-11	69.70	67.83
EW-10C 19.11 to 9.11 NA 19-Oct-11	92.66	68.28
EW-11D -106.75 to -116.75 NA 19-Oct-11	99.30	66.03
EW-12D -47.33 to -57.33 NA 19-Oct-11	96.79	67.63
EW-13D -177.28 to -187.28 NA 19-Oct-11	97.64	67.09
EW-14D -85.27 to -95.27 NA 19-Oct-11	40.60	61.53
SW-2 65.10 to 75.10 136.93	dry	
DW-2 37.35 to 42.35 137.61 19-Oct-11	71.02	65.40
SW-1 61.50 to 66.50 131.31 19-Oct-11	64.61	66.88
DW-1 32.89 to 38.39 131.19 19-Oct-11	64.50	66.88
LF-02 3 to 8 118.70 19-Oct-11	51.60	67.10
PPW-1 -166.15 to -196.15 136.74 Permanen	ntly closed	Oct. 2008
WT-01 56.98 to 66.98 164.57 19-Oct-11	96.35	68.22
MW-6D -26.1 to -31.1 160.39 19-Oct-11	95.21	65.18
MW-8A 48.5 to 53.5 133.18 19-Oct-11	69.90	63.28
MW-8B -22.2 to -27.2 134.24 19-Oct-11	68.90	65.34
MW-8C -110.7 to -115.7 135.72 19-Oct-11	69.52	66.20
MW-10B -13 to -18 161.12 19-Oct-11	68.90	92.22
MW-10C -113.1 to -118.1 160.27 19-Oct-11	69.52	90.75
MW-10D -186.2 to -191.2 161.17 19-Oct-11	96.10	65.07
BP-3A 51 to 71 124.54 19-Oct-11	62.18	62.36
BP-3B -91 to -111 123.57 19-Oct-11	64.14	59.43
BP-3C -156 to -176 123.68 19-Oct-11	63.42	60.26
RW-01 Abandoned Abandoned a	abandoned	t

Key:

ft bgs - feet below ground surface ft AMSL - feet above mean sea level

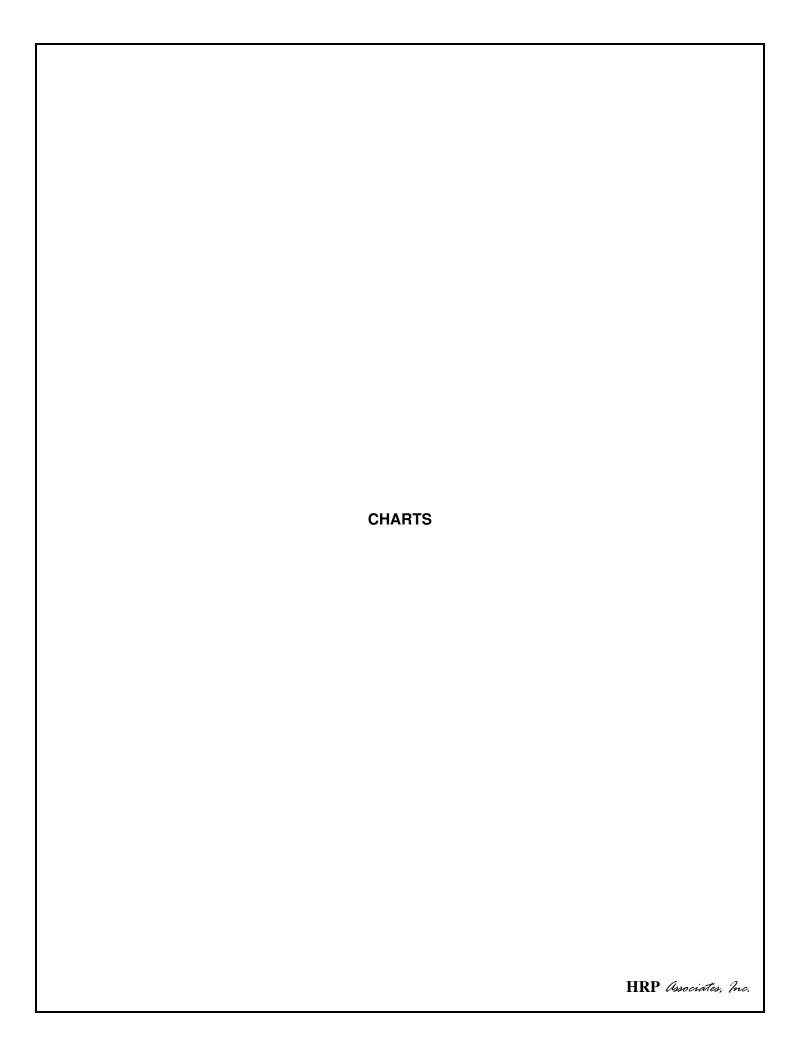
Ref EI - reference elevation NM - not measured NA - not applicable

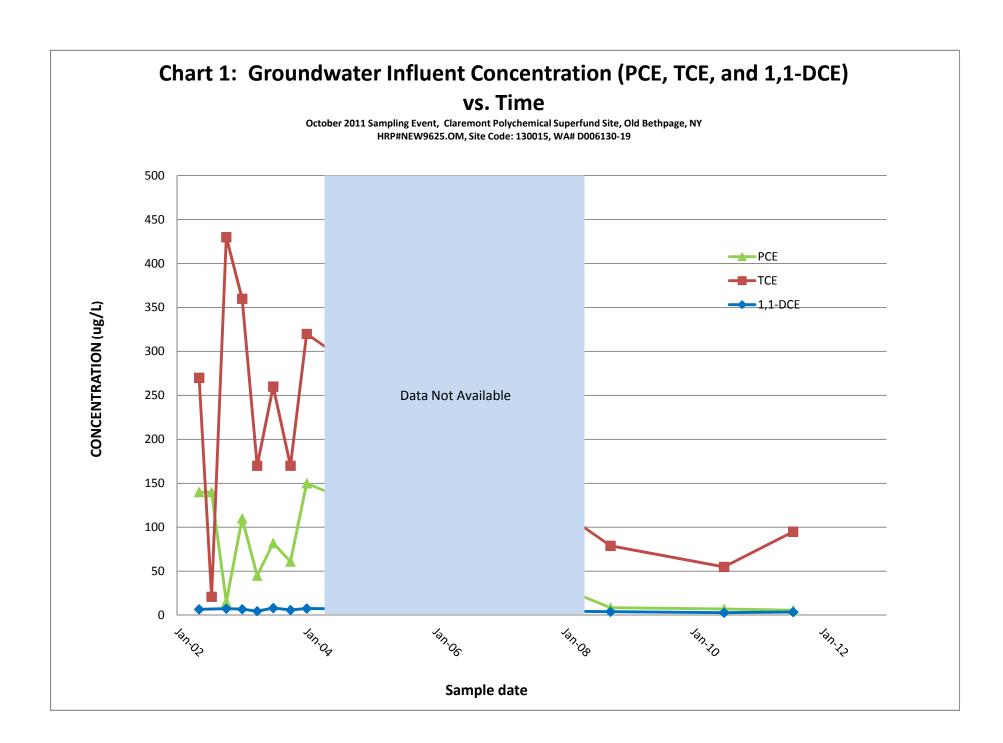
Unit		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NYSDEC Class GA	Criteria	5	5 1	5	5	5	0.04	3	5	0.4	0.4	5	NS	50	50	1	5
Sample Description	Sampling Event	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1,2- Trichlorotrifluoroethane (freon 113)	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dibromo-3- chloropropane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,3-Dichloropropene (cis)	1,3-Dichloropropene (trans)	1,4-Dichlorobenzene	1,4-Dioxane	2-Butanone (MEK)	Acetone	Benzene	Bromochloromethane
EW-1a	10/20/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-1a	10/20/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-1b	10/20/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-1c	10/20/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-3a	10/20/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-3b	10/20/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-3c	10/20/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-4a	10/21/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-4b	10/21/11	3.7	<1	<1	0.51	1.8	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-4c	10/21/11	5	<1	<1	0.79	2.7	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-2a	10/24/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-2b	10/24/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	2	<10	<1	<1
EW-4d	10/24/11	3.3	3 <1	<1	0.38	1.8	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-10c	10/24/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-2c	10/24/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-13d	10/24/11	2.1	<1	<1	1.4	1.6	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-11d	10/24/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-5	10/24/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
SW-1	10/24/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-12d	10/24/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
DW-1	10/25/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	23	<10	<10	<1	<1
EW-2d	10/25/11	0.35	<1	<1	0.24	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
BP-3a	10/25/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
MW-10d	10/25/11	1.8	3 <1	<1	3.3	1.8	(<1)	<1	0.62	(<1)	(<1)	<1	<50	<10	<10	<1	<1
MW-10c	10/25/11	<1	<1	<1	<1	0.34	(<1)	<1	<1	(<1)	(<1)	<1	15	<10	<10	<1	<1
MW-10b	10/25/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	13	<10	<10	<1	<1
EW-14d	10/25/11	37	0.58	1.1	0.73	37	(<1)	<1	5.2	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-6c	10/26/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1

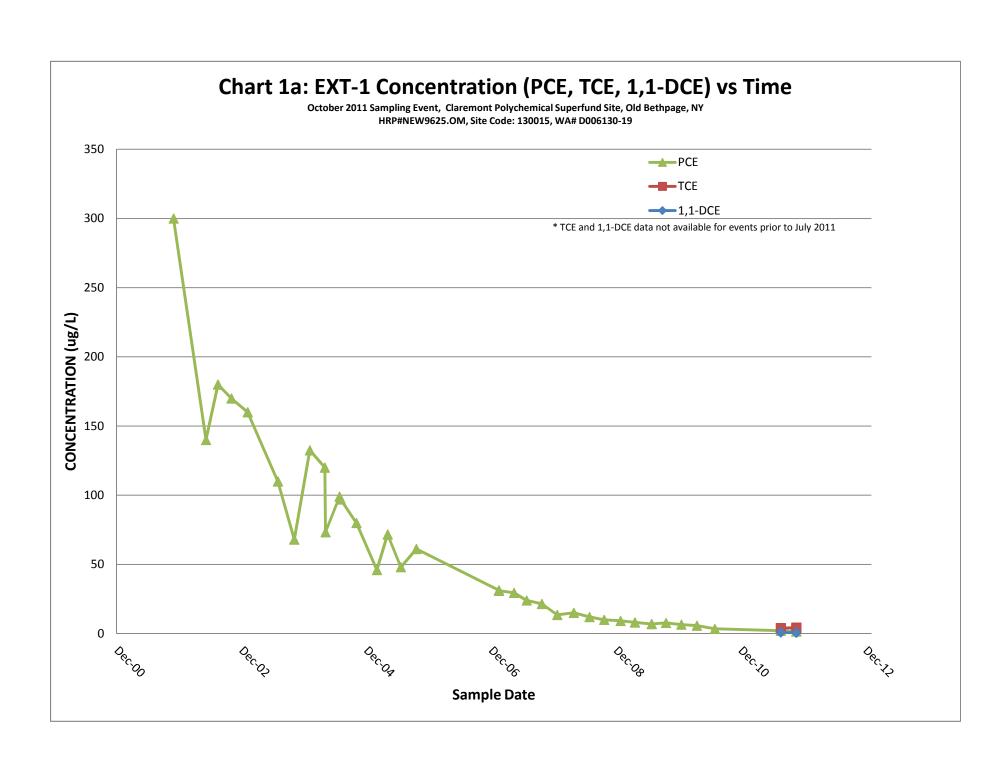
Unit		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NYSDEC Class GA	Criteria	60	5	5	7	5	5	5	5	10		5	5	5	5	5	5 2
Sample Description	Sampling Event	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	cis-1,2-Dichloroethylene	Dichlorodifluoromethane	Isopropylbenzene	Methylene chloride	Methyltertbutyl ether	Styrene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Trichlorofluoromethane	Vinyl chloride
EW-1a	10/20/11	<1	<1	<1	<1	2.5	<1	<1	<1	<1	<1	7.9	<1	<1	0.58	<1	<1
EW-1a	10/20/11	<1	<1	<1	<1	2.5	<1	<1	<1	<1	<1	9.7	<1	<1	0.43	<1	<1
EW-1b	10/20/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.59	<1	<1	0.62	<1	<1
EW-1c	10/20/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.43	<1	<1	<1	<1	<1
EW-3a	10/20/11	<1	<1	<1	0.28	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
EW-3b	10/20/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
EW-3c	10/20/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1
EW-4a	10/21/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.7	<1	<1	<1	<1	<1
EW-4b	10/21/11	<1	<1	<1	<1	<1	<1	<1	<1	0.35	<1	5.9	<1	<1	10	0.32	<u>?</u> <1
EW-4c	10/21/11	<1	<1	<1	<1	3	<1	<1	<1	3	<1	11	<1	2.7	79	<1	<1
EW-2a	10/24/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.9	<1	0.71	<1	<1
EW-2b	10/24/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.17	<1	0.37	<1	<1
EW-4d	10/24/11	<1	<1	<1	0.28	1.2	<1	<1	<1	<1	<1	34	<1	<1	260	<1	<1
EW-10c	10/24/11	<1	<1	<1	<1	<1	<1	<1	<1	2.1	<1	0.33	<1	<1	0.51	<1	<1
EW-2c	10/24/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.24	<1	<1	0.78	<1	<1
EW-13d	10/24/11	<1	<1	<1	<1	<1	<1	<1	<1	2.3	<1	2.1	<1	<1	3	<1	<1
EW-11d	10/24/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.21	<1	<1
EW-5	10/24/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.67	<1	0.3	1.9	<1	<1
SW-1	10/24/11	<1	<1	<1	<1	6	<1	<1	<1	<1	<1	62	<1	<1	6.6	<1	<1
EW-12d	10/24/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DW-1	10/25/11	<1	<1	<1	<1	0.95	<1	<1	<1	0.22	<1	0.3	<1	<1	1.5	<1	<1
EW-2d	10/25/11	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	2.3	<1	<1	7.5	<1	<1
BP-3a	10/25/11	<1	<1	<1	0.78		<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
MW-10d	10/25/11	<1	0.55	<1	1	2.7	<1	<1	<1	<1	<1	6.6		<1	15	<1	<1
MW-10c	10/25/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.9		<1		<1	<1
MW-10b	10/25/11	<1	<1	<1	0.24		<1	<1	<1	<1	<1	0.41		<1	0.53		<1
EW-14d	10/25/11	<1	<1	<1	1.7			<1	0.26		<1	4.9		<1	340		<1
EW-6c	10/26/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		<1	<1

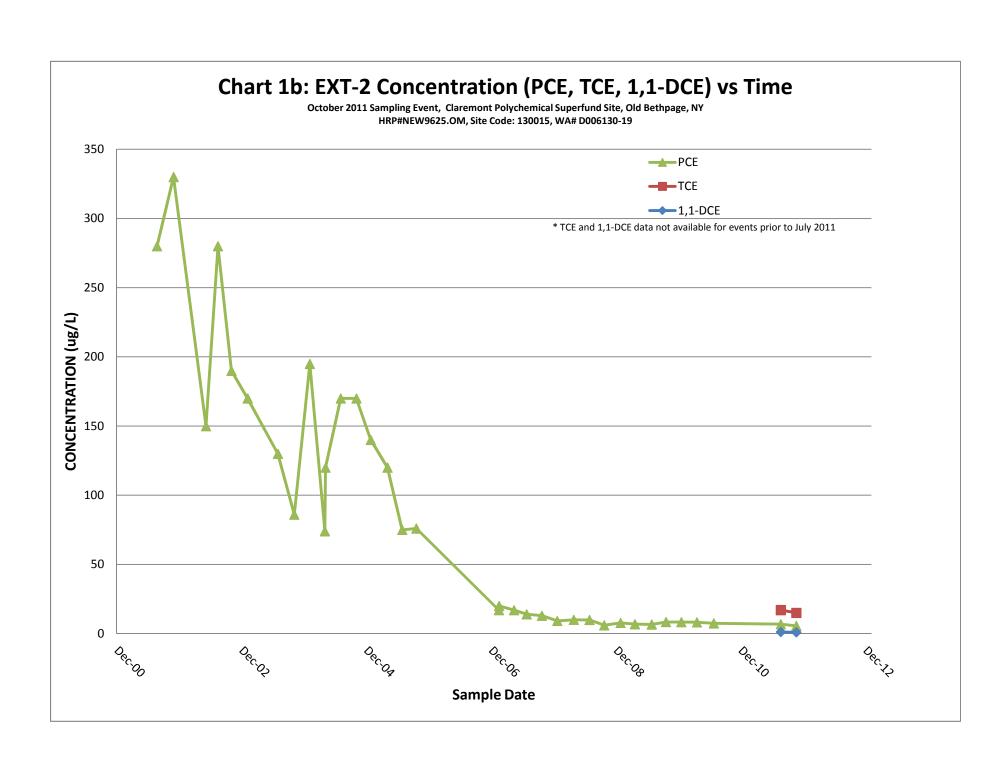
Unit		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NYSDEC Class GA		5	1	5	5	5	0.04		5	0.4	0.4	5	NS	50	50	1	5
Sample Description	Sampling Event	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1,2- Trichlorotrifluoroethane (freon 113)	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dibromo-3- chloropropane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,3-Dichloropropene (cis)	1,3-Dichloropropene (trans)	1,4-Dichlorobenzene	1,4-Dioxane	2-Butanone (MEK)	Acetone	Benzene	Bromochloromethane
LF-2	10/26/11	<1	<1	<1	<1	<1	(<1)	0.34	<1	(<1)	(<1)	0.83	67	<10	8.3	1.2	<1
EW-6a	10/26/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
WT-1	10/26/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	3.5	<1	<1
WT-1	10/26/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-9d	10/26/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-7d	10/26/11	0.4	<1	<1	<1	0.28	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-7c	10/26/11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EW-7c	10/26/11	2.2	<1	<1	0.3	1.7	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
EW-8d	10/26/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
BP-3b	10/26/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
BP-3c	10/26/11	1.4	0.24	2.1	3.1	1.3	(<1)	<1	0.24	(<1)	(<1)	<1	<50	<10	<10	<1	<1
MW-6d	10/26/11	<1	<1	<1	0.32	<1	(<1)	0.62	<1	(<1)	(<1)	1.4	29	<10	<10	0.22	<1
MW-8c	10/27/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
DW-2	10/27/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
MW-8a	10/27/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	<10	<1	<1
MW-8b	10/27/11	<1	<1	<1	<1	<1	(<1)	<1	<1	(<1)	(<1)	<1	<50	<10	6	<1	<1

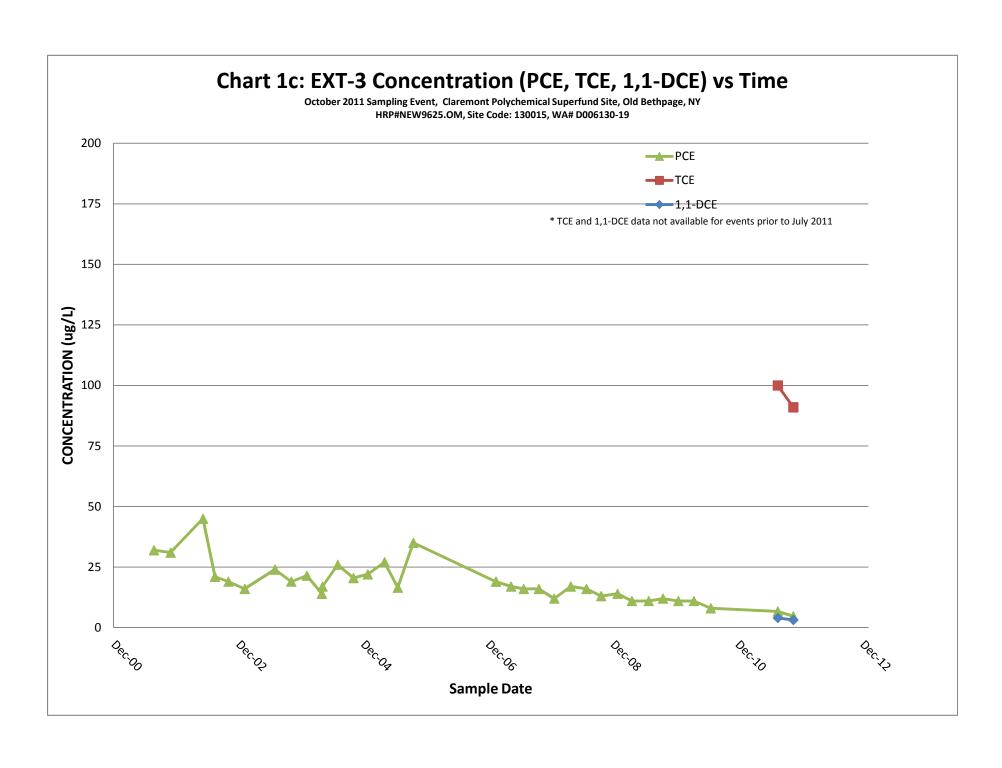
Unit		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NYSDEC Class GA	Criteria	60	5	5	7	5	5	5	5	10	5	5	5	5	5	5	2
Sample Description	Sampling Event	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	cis-1,2-Dichloroethylene	Dichlorodifluoromethane	Isopropylbenzene	Methylene chloride	Methyltertbutyl ether	Styrene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Trichlorofluoromethane	Vinyl chloride
LF-2	10/26/11	<1	<1	1.4	<1	<1	<1	1.1	<1	<1	<1	<1	<1	<1	<1	<1	<1
EW-6a	10/26/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.2	<1	<1
WT-1	10/26/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.21	<1	<1
WT-1	10/26/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.2	<1	<1
EW-9d	10/26/11	<1	<1	<1	0.45	<1	<1	<1	<1	<1	<1	2	<1	<1	0.88	<1	<1
EW-7d	10/26/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	19	<1	<1	26	<1	<1
EW-7c	10/26/11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	540	NA	NA
EW-7c	10/26/11	<1	<1	<1	0.17	11	<1	<1	<1	5.2	<1	31	<1	<1	710	<1	<1
EW-8d	10/26/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
BP-3b	10/26/11	<1	<1	<1	0.5	3.6	<1	<1	<1	<1	<1	10	<1	<1	1	<1	<1
BP-3c	10/26/11	<1	<1	<1	0.33	91	5.6	<1	0.4	<1	<1	81	<1	0.37	11	0.84	0.78
MW-6d	10/26/11	<1	<1	0.7	<1	0.32	<1	<1	<1	7.2	<1	<1	<1	<1	0.24	<1	<1
MW-8c	10/27/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.49	<1	<1
DW-2	10/27/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.31	<1	<1	<1	<1	<1
MW-8a	10/27/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.2	<1	<1	0.23	<1	<1
MW-8b	10/27/11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.42	<1	<1	0.22	<1	<1

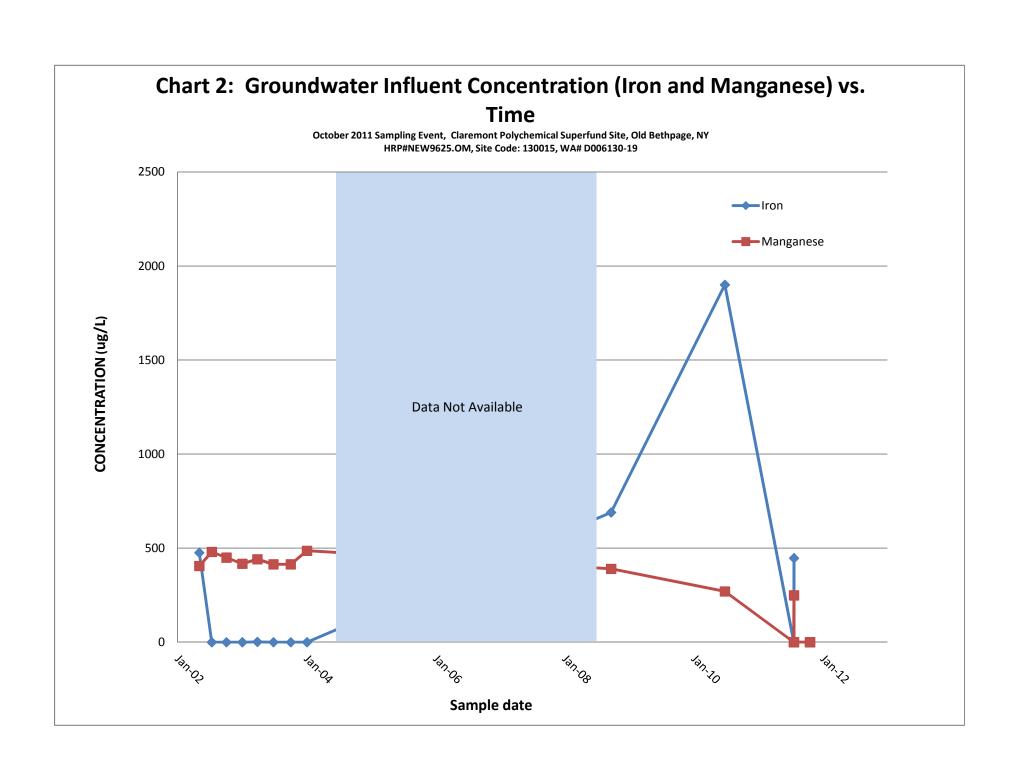


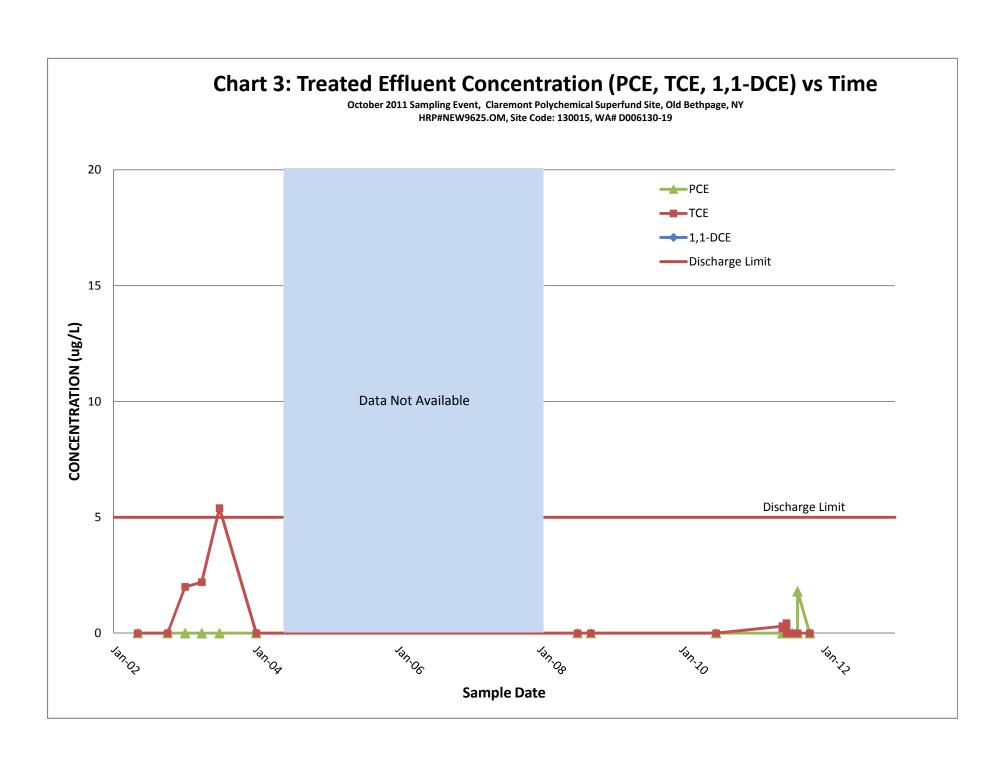


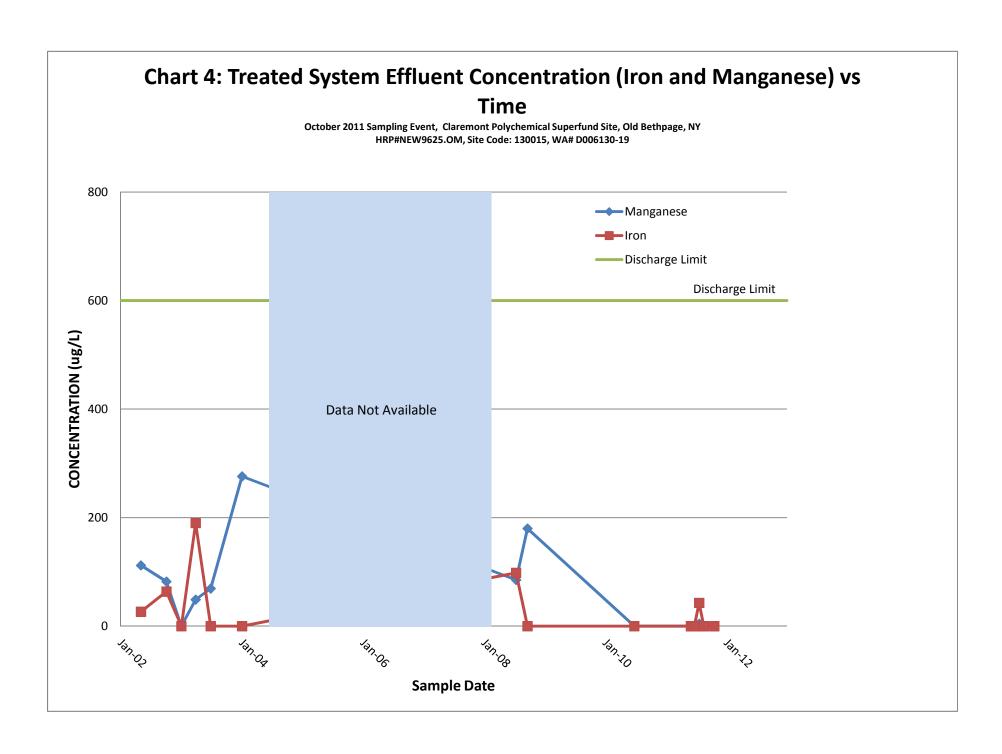


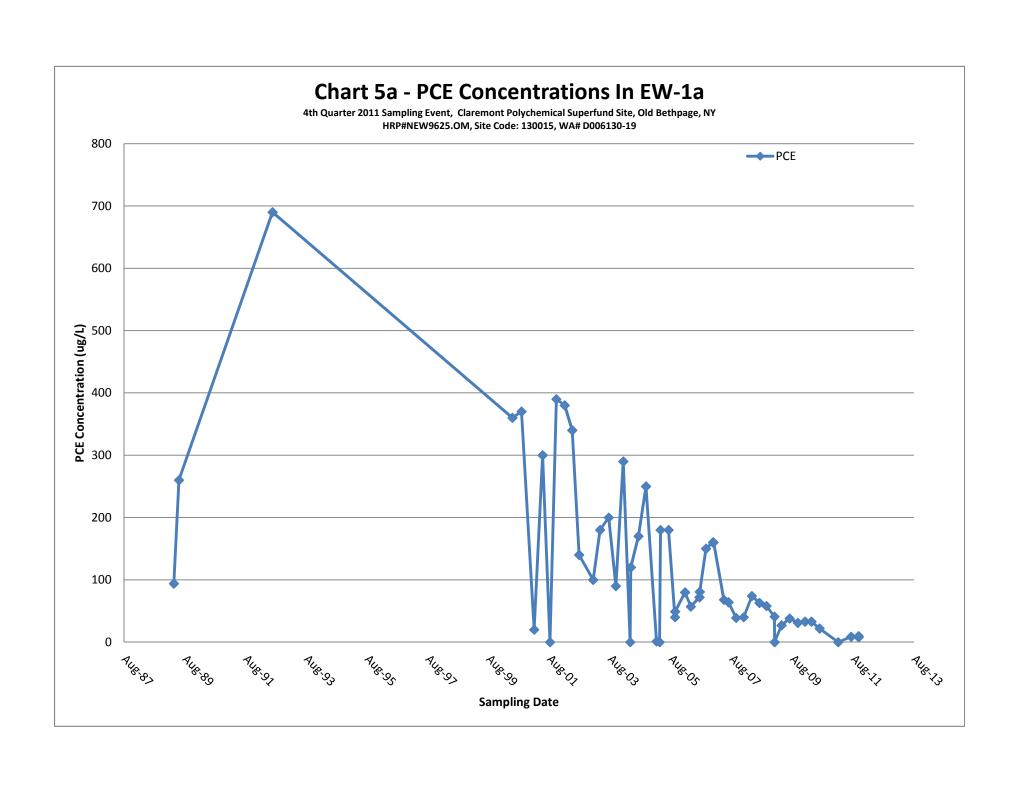


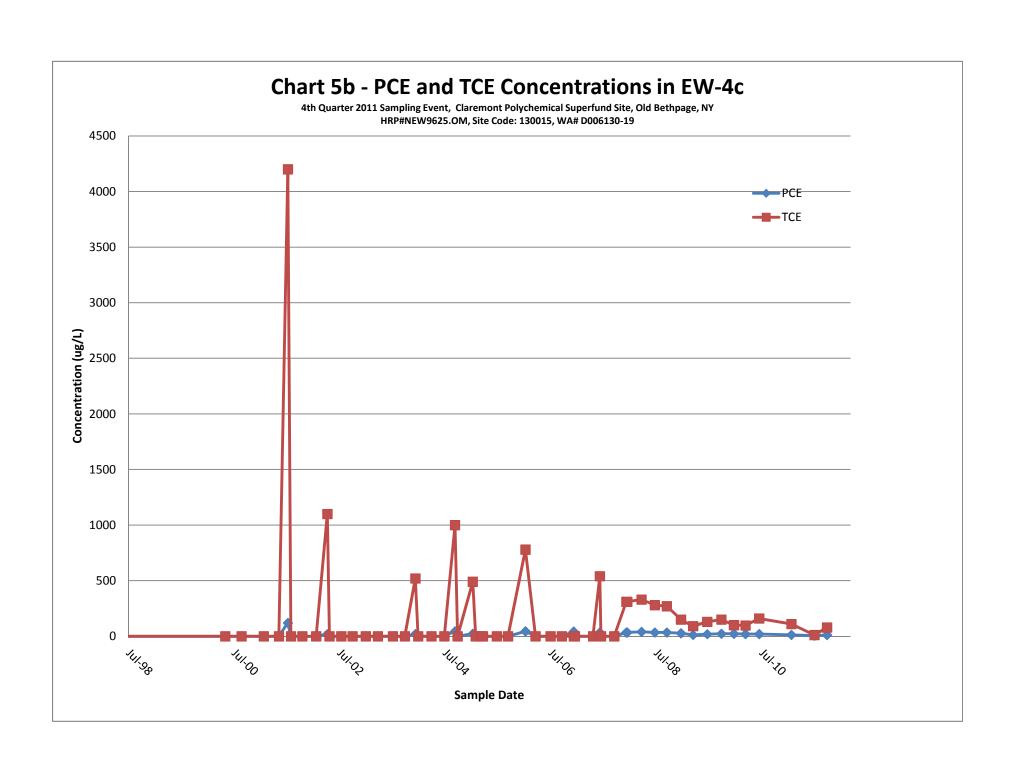


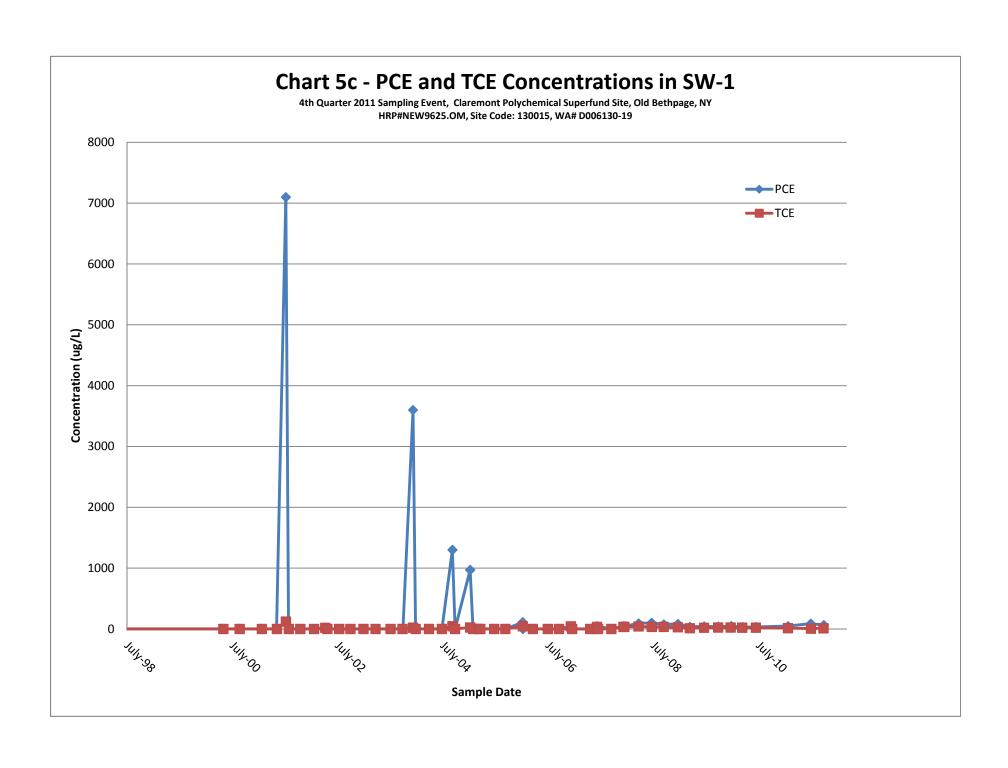














1 Fairchild	neering, P.0 Square, So k, NY 1206 7101	uite 110	GF	ROUNDWAT SAMPLING			BAN PORK STAR.					
Project: Clarr	mont Quartely	GW	WAS #: n/a			Field Person						
Location: Old	l Bethpage, N	Y	Well ID.: EX	T-1		Weather: Temp 62° and cloudy						
Sounding Me	thod: Water T	ape	Gauge Date	: 11-15-11		Measuremer	nt Ref: Top of	Column (TOC)			
Stick Up/Dow	vn (ft): n/a		Gauge Time): -		Well Diamete	er (in): 10"					
Purge Date:		11/	15/2011		Purge Time:	ļ		07:50				
Purge Metho	d:	Sub	omergable Field Techni			cian:						
1) Well Depth	'ell Depth (ft): 175'			neter (in): 10"		7) Five Well						
2) Depth to V	Depth to Water (ft): 54.4'			me / Foot (ga	l) (d ² x.0408):	Depth/Height	t of Top of P\	/C:				
3) Height of H	H ₂ O Column (1-2) (ft):	6) Total We	l Volume (gal)	(3x5):	Pump Type:	Grab					
			,	Water Qualit	y Paramete	ers						
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)			
07:20	54.4	0.50	-	5.07	184	12.9	79.5	7.78	26.0			
07:25	54.4	0.50	-	5.08	182	13.0	79.4	6.90	22.0			
07:30	54.4 54.4	0.50	-	5.11	183	13.0	79.5	6.77	24.9			
07:35 07:40	54.4	0.75 0.75	-	5.13 5.15	182 180	13.1 13.1	79.4 79.4	6.69 6.64	28.9 32.4			
Total Quantity of Water Removed (gal):): 3 gal			Sampling Time: 0.750						
Samplers:			•			Split Sample With: none						

SAMPLES COLLECTED: A metal\ 6 VOAs\ 2 TSS the beginning was very brown

COMMENTS AND OBSERVATIONS:

Sampling Date:

11/15/2011

Sample Type:

Grab

Water at

HRP Engin 1 Fairchild Clifton Parl (518) 877-7	Square, Sk, NY 1206	uite 110	GI	ROUNDWAT SAMPLING			THE WYORK STAFF				
Project: Clarm	nont Quartely	GW	WAS #: n/a	,		Field Person					
Location: Old	Bethpage, N	Y	Well ID.: EX	T-2		Weather: Nic	e, Temp 62°	cloudy			
Sounding Met	hod: Water T	ape	Gauge Date	: 11-15-11		Measuremer	nt Ref: Top of	Column (TOC)			
Stick Up/Dow	n (ft): n/a		Gauge Time) : 0905		Well Diamete	er (in): 10"				
Purge Date:		11,	/15/2011		Purge Time:	:		0.905			
Purge Method	i:	Sub	mergable		Field Techni	ician:					
1) Well Depth	th (ft): 190' 4) Well Diameter (in): 10" 7) Five Well Volumes (gal):):				
2) Depth to W	Depth to Water (ft): 57.7" 5) Well Volume / Foot (gal) (d²x.0408): Depth/Height of Top					t of Top of P\	op of PVC:				
3) Height of H	ght of H ₂ O Column (1-2) (ft): 6) Total Well Volume (gal) (3x5): Pump					Pump Type:	10 hp pump				
				Water Qualit	y Paramete	ers					
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)		
08:35	57.7	0.50	-	5.01	219	13.2	56.9	9.18	17.6		
08:40	57.7	0.50	-	4.95	225	13.3	56.3	8.42	25.9		
08:45	57.7	0.50	-	4.93	229	13.2	56.1	8.33	37.2		
08:50	57.7	0.25	-	4.9	235	13.3	55.9	8.26	24.5		
08:55	57.7	0.25	-	4.9	236	13.3	55.9	8.23	25.9		
			+	+		+		1			
			+	+		+					
			1				•	1			
Total Quantity	al Quantity of Water Removed (gal): 2 gals					Sampling T	ime:	09:05			
Samplers:	amplers:					Split Sampl	e With:	-			
Sampling Date: 11/15/2011					Sample Typ	oe:	Grab				
				TED 411	-1-11-03-40-4	.) 4 TOO		h.'			
COMMENTS	AND ORSER	VATIONS:				Metal\ 3 VOAs\ 1 TSS No ne, was a slow start.					

HRP Engir 1 Fairchild Clifton Par (518) 877-	Square, S k, NY 1206	uite 110	GROUNDWATER WELL SAMPLING FORM				Y.	NVIRONMENT ON THE PROPERTY OF			
Project: Clarn	nont Quartely	' GW	WAS #: n/a	l		Field Per	sonnel:				
Location: Old	Bethpage, N	Υ	Well ID.: EX	(T-3		Weather:	Temp 62° and 0	cloudy			
Sounding Me	thod: Water 1	Гаре	Gauge Date	e: 11-15-11		Measure	ment Ref: Top o	f Column (TOC)			
Stick Up/Dow	ın (ft): n/a		Gauge Time	e: 10:00		Well Diar	meter (in): 10"				
Purge Date:		11/	/15/2011	15/2011 Purge				10:00			
Purge Method	d:	Subme	rgable Pun	np	Field Techni	ician:					
1) Well Depth	n (ft): 194'		4) Well Diameter (in): 10" 7) Five Well Volumes (gal):								
2) Depth to W	Vater (ft): 53.3	3	5) Well Volume / Foot (gal) (d²x.0408): Depth/Height of Top of PVC:					VC:): :		
3) Height of H	H ₂ O Column (1-2) (ft):	: 6) Total Well Volume (gal) (3x5): Pump Type: Submergable				е				
			Water Quality Parameters								
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperatu (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)		
09:35	53.3	0.25	-	4.67	2.98	14.1	50.1	10.60	14.8		
09:40	53.3	0.25	-	4.70	2.97	13.9		9.63	26.0		
09:45	53.3	0.25	-	4.73	2.94	13.9		9.50	25.4		
09:50	53.3	0.25	-	4.75	2.91	14.0	50.3	9.43	13.0		
				+							
				1							
Total Quantity	y of Water Re	emoved (gal):	1 ga	al		Samplin	ig Time:	10:00			
Samplers:						Split Sa	mple With:	-			
Sampling Dat	Sampling Date: 11/15/2011					Sample	Туре:	Grab			
	SAMPLES COLLECTED				CTED: 1 Me	etal\ 3 V0	DAs\ 1 TSS		No		
COMMENTS AND OBSERVATIONS:				s at well, pu							

HRP Engir 1 Fairchild Clifton Par (518) 877-	Square, S k, NY 1206	uite 110	G	ROUNDWAT SAMPLING		THE TORK STATE					
Project: Clarr	mont Quartely	· GW	WAS #: n/a	ì		Field Personr					
Location: Old	Bethpage, N	Υ	Well ID.: BF	P-3A		Weather: 52°	and sunny				
Sounding Me	thod: Water 1	Гаре	Gauge Date	e: 10-25-11		Measuremen	t Ref: Top of	Column (TOC)			
Stick Up/Dow	ın (ft): n/a		Gauge Time			Well Diamete	er (in): 4"				
Purge Date:		10/	/25/2011		Purge Time:		4	16.0/14.0			
Purge Method	d:	Lo	ow Flow		Field Techn	ician:					
1) Well Depth	n (ft): 74	74 4) Well Diameter (in): 4 7) Five Well Volumes (gal): 39): 39			
2) Depth to W	Vater (ft): 62.1	2.18 5) Well Volume / Foot (gal) (d²x.0408): Depth/Height of Top of PVC: .6528						/C:			
3) Height of F 71.82	H ₂ O Column (1-2) (ft):	6) Total We	I Well Volume (gal) (3x5): 7.7 Pump Type: Bladder							
				Water Quality Parameters							
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)		
09:00	62.18	0.50	230	3.83	338	11.9	6.0	13.53	7.0		
09:05	62.18	0.50	230	8.64	354	11.9	6.0	11.83	13.0		
09:10	62.18	0.50	230	3.62	355	11.9	5.9	11.99	11.3		
09:15	62.18	0.50	230	3.60	358	11.9	6.0	11.91	11.6		
Total Quantity	y of Water Re	emoved (gal):	2 ga	als		Sampling Ti	me:	09:20			
Samplers:	plers: Split Sample Wi					e With:	ТОВ				
Sampling Dat	Sampling Date: 10/25/2011					Sample Typ	e:	Grab VOC			
			1								
COMMENTS AND OBSERVATIONS:											

HRP Engir 1 Fairchild Clifton Par (518) 877-	Square, S k, NY 1206	Suite 110	GI	ROUNDWAT SAMPLING		AND TORK STATE					
Project: Clarr	nont Quartely	GW	WAS #: n/a	I		Field Personr					
Location: Old	Bethpage, N	ΙΥ	Well ID.: BP	'-3B		Weather: Clo	udy, getting	cooler			
Sounding Me	thod: Water	Гаре	Gauge Date	: 10-26-11		Measuremen	t Ref: Top of	Column (TOC)			
Stick Up/Dow	/n (ft): n/a		Gauge Time			Well Diamete	r (in): 4"				
Purge Date:		10/	/26/2011		Purge Time:	:					
Purge Method	d:	Subme	rgable Pum	gable Pump Field Technician:							
1) Well Depth	n (ft): 235.0'		4) Well Diameter (in): 4' 7) Five Well Volumes (gal):								
2) Depth to W	√ater (ft): 64.1	14	5) Well Volume / Foot (gal) (d²x.0408): Depth/Height of Top of PVC:								
3) Height of H	1 ₂ O Column (1-2) (ft):	6) Total Wel	ll Volume (gal)	e (gal) (3x5): Pump Type: 1/2 hp Grund fos						
				Water Quality Parameters							
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)		
11:38	64.14	<u> </u>		4.94	3.18	12.3	6.8	11.85	14.9		
12:12	64.14	<u> </u>	+	4.59	3.21	12.2	6.8	11.85	10.0		
12:45	64.14	1	+	4.76	5.13	12.2	6.4	11.87	13.0		
			 								
	<u> </u>	1	+	+							
Total Quantity	y of Water Re	emoved (gal):				Sampling Ti	me:	12:50			
Samplers:						Split Sample	e With:	TOB NC			
Sampling Dat	te:	10/26/201	1			Sample Typ	e:	Grab			
COMMENTS AND OBSERVATIONS:											

(518) 877-	Square, S k, NY 1200 7101	Suite 110 65	Gl	ROUNDWAT SAMPLING			Field Personnel:					
Project: Clarr	mont Quartely	/ GW	WAS #: n/a	l		Field P	ersonr	nel:				
Location: Old	l Bethpage, N	IY	Well ID.: BP	-3C		Weath	er: clou	ıdy, chance o	of rain			
Sounding Me	ethod: Water	Гаре	Gauge Date	:		Measu	rement	t Ref: Top of	Column (TOC)			
Stick Up/Dow	vn (ft): n/a		Gauge Time	9:		Well D	iamete	r (in): 4"				
Purge Date:		10/	26/2011		Purge Time:							
Purge Metho	d:	Submer	gable Pump Field Technician:									
1) Well Depth	n (ft): 300.0'		4) Well Diameter (in): 7) Five Well Volumes (gal):):			
2) Depth to V	Vater (ft): 63.4	12	5) Well Volume / Foot (gal) (d²x.0408): Depth/Height of Top of PVC:					VC:				
3) Height of I	H ₂ O Column ((1-2) (ft):	6) Total Wel	ll Volume (gal)	I) (3x5): Pump Type:							
			Water Quality Parameters									
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Tempe	C)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)		
11:33	63.42			4.69	346	12		31.8	10.00	31.5		
12:38	63.42			4.05	344	12		28.6	9.33	14.5		
1:25	63.42			4.06	359	12		28.0	9.63	13.2		
1:30	63.42			4.06	341	11	.9	28.2	8.63	6.1		
Total Quantit	y of Water Re	emoved (gal):				Samp	oling Ti	me:	1:35			
Samplers:						Split Sample With: TOB						
Sampling Da	te:	10/26/201	1			Samp	ole Typ	e:	Grab			
COMMENTS AND OBSERVATIONS:												

HRP Engir 1 Fairchild Clifton Par (518) 877-	Square, S k, NY 1206	Suite 110	G	ROUNDWAT SAMPLING			70	W YORK STATE.	
Project: Clarr	mont Quartely	/ GW	WAS #: n/a	1		Field Person			
Location: Old	l Bethpage, N	ΙΥ	Well ID.: DV	V-1		Weather:			
Sounding Me	ethod: Water	Гаре	Gauge Date	e: 10-25-11		Measuremen	t Ref: Top of	Column (TOC))
Stick Up/Dow	vn (ft): n/a		Gauge Time	e:		Well Diamete	er (in): 4"		
Purge Date:		10/	25/2011		Purge Time:	:			
Purge Metho	d:	Lo	w Plow		Field Techni	ician:			
1) Well Depth	n (ft): 99.10'	9.10' 4) Well Diameter (in): 4" 7) Five Well Volumes (gal): 113): 113	
2) Depth to V	Vater (ft): 64.5	(ft): 64.50 5) Well Volume / Foot (gal) (d²x.0408): Depth/Height of Top of PVC: 0.6528						/C:	
3) Height of H	H₂O Column ((1-2) (ft): 34.6	6) Total We	otal Well Volume (gal) (3x5): 22.6 Pump Type: Bladder					
			Water Quality Parameters						
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)
07:20	64.50		250	4.17	268	13.4	50.6	7.88	3.5
07:25	64.50		250	4.29	265	13.3	50.7	5.62	5.2
07:30	64.50		250	4.31	265	13.4	50.9	5.28	7.8
07:35	64.50		250	4.35	265	13.4	50.8	5.18	20.0
	•	•	1	•	•	1	•	17.40	•
Total Quantity	y of Water Re	emoved (gal):	2 ga	al		Sampling T	ime:	7:40	
Samplers:						Split Sample	e With:	-	
Sampling Da	te:	10/25/201	1			Sample Typ	oe:	Grab	
. 5		1				1 , 71		1	
				lem with we : 49429	ll- pumping	g well		5	Starting

1 Fairchild	neering, P.C Square, Su 	uite 110	GF	ROUNDWATI SAMPLING		Field Personnel:					
Project: Clarn	mont Quartely	GW	WAS #: n/a			Field F	ersonn				
Location: Old	Bethpage, NY	7	Well ID.: DW	V-2		Weath	er: Raiı	ny- light at thi	is time, 57°		
Sounding Me	ethod: Water Ta	ape	Gauge Date:	: 10-27-11		Measu	irement	Ref: Top of	Column (TOC)		
Stick Up/Dow	n (ft): n/a		Gauge Time) : 08:30		Well D	iamete	r (in): 4"			
Purge Date:		10/:	27/2011		Purge Time:	<u></u>		4	18.0/12.0		
Purge Method	d:	Lo	w Flow		Field Technic	ician:					
1) Well Depth (ft): 100.79 4) Well Diameter (in): 4" 7) Five Well Volumes (gal): 97											
2) Depth to W	epth to Water (ft): 70.93 5) Well Volume / Foot (gal) (d²x.0408): Depth/Height of Top of PVC: 0.6528										
3) Height of H 29.86	H ₂ O Column (1	-2) (ft):		otal Well Volume (gal) (3x5): 19.5 Pump Type: Bladder							
				Water Quality Parameters							
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL)	pH (pH units)	ORP (mV)	DRP Temperature Conductivity: DO					
08:00	70.93	0.50	250	3.39	370		1.1	41.9	11.00	57.1	
08:05	70.95	0.50	250	3.37	374	14		19.2	10.15	56.7	
08:10	70.95	1.00	250	3.38	377	14		51.4 51.5	9.66	59.9	
08:15 08:20	70.95 70.95	1.00 1.00	250 250	3.38 3.40	378 380	14	1.1 1.1	51.5 52.2	9.63 9.37	69.0 78.9	
00.20	10.33		250	3.40		+	ł. I	<u> </u>	9.01	10.8	
Total Quantity	y of Water Ren	moved (gal):	4 ga	 al		Samı	pling Ti	me:	08:30		
Samplers:						Colit	Comple	- \\/:4h.	None		
Samplers:	Samplers: Split Sample With: None										
Sampling Dat	te:	10/27/201	1			Samp	ple Typ	e:	Grab VOC		
Problems at well- be worked fine. COMMENTS AND OBSERVATIONS: 3 VOAs					adder was	collap	sed. F	Replace wi		nt pump- oples taken-	

HRP Engir 1 Fairchild Clifton Par (518) 877-	Square, S k, NY 1206	uite 110	G	ROUNDWAT SAMPLING			W _C	W YORK STATE			
Project: Clarr	nont Quartely	GW	WAS #: n/a	ì		Field Person					
Location: Old	Bethpage, N	Y	Well ID.: EV	V-1A		Weather: Clo	oudy				
Sounding Me	thod: Water 1	Гаре	Gauge Date	e: 10-20-11		Measuremen	t Ref: Top of	Column (TOC)			
Stick Up/Dow	n (ft): n/a		Gauge Time	e: 50 PSI		Well Diamete	er (in): 4"				
Purge Date:		10.	/20/2011		Purge Time:		07	7:55/08:00			
Purge Method	<u>d</u> :	SI	ow Flow		Field Technician:						
1) Well Depth	Well Depth (ft): 4) Well Diameter (in): 4"						Volumes (gal): 147			
2) Depth to W	/ater (ft): 63.4	13	5) Well Volu	ume / Foot (gal)) (d ² x.0408):	Depth/Height of Top of PVC:					
3) Height of H 45.07	H ₂ O Column (1-2) (ft): 6) Total Well Volume (gal) (3x5): 29.					Pump Type:	Bladder				
			Water Quality Parameters								
Time (hrs)	DTW (ft btoc)	Volume (gallons)	Rate (mL)	pH (pH units)	pH ORP Temperature Conductivity: DO						
07:25	63.43	0.50	250	3.82	407	13.9	16.1	10.90	4.6		
07:30	63.43	0.50	250	3.85	425	13.7	44.0	10.22	4.3		
07:35	63.43	0.50	250	3.88	433	13.8	44.1	10.02	4.4		
07:40	63.43	0.50	250	3.91	442	13.8	44.0	9.85	4.7		
07:45	63.43	0.50	250	3.91	444	13.7	43.9	9.77	4.7		
07:50	63.43	0.50	250	3.92	446	13.7	43.9	9.74	4.8		
Total Quantity	y of Water Re	moved (gal):	3 ga	al		Sampling T	ime:	07:55			
Samplers:						Split Sample	e With:	ТОВ			
Sampling Date: 10/20/2011						Sample Typ	oe:	Grab			
COMMENTS AND OBSERVATIONS:											

	Square, St k, NY 1206	uite 110	GI	ROUNDWAT SAMPLING		THE TORK STATE						
Project: Clarn	mont Quartely	GW	WAS #: n/a	I		Field Personr						
Location: Old	Bethpage, N	Y	Well ID.: EV	V-1B		Weather: Slig	htly cloudy					
Sounding Me	thod: Water T	ape	Gauge Date	: 10-20-11		Measuremen	t Ref: Top of	Column (TOC)				
Stick Up/Dow	n (ft): n/a		Gauge Time	e:08:50		Well Diamete	er (in): 4"					
Purge Date:		10/:	20/2011		Purge Time:			08:50				
Purge Method	d:	Lo	w Flow		Field Techni	Field Technician:						
1) Well Depth	ı (ft): 102.40"		4) Well Dian	neter (in): 4"		7) Five Well \	/olumes (gal): 132				
2) Depth to W	Vater (ft): 62.00	0	5) Well Volu 0.6528	ıme / Foot (gal)) (d ² x.0408):	Depth/Height	of Top of PV	/C:				
3) Height of H	l₂O Column (1	l-2) (ft): 40.4	6) Total Wel	ll Volume (gal)	Volume (gal) (3x5): 26.37 Pump Type: Bladder							
			Water Quality Parameters									
Time (hrs)	DTW (ft btoc)	Volume (gallons)	Rate (mL)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)			
08:15	62.00	0.50	200	4.85	412	13.9	20.3	8.34	5.7			
08:20	62.10	0.50	200	5.07	406	14.0	39.2	7.28	8.1			
08:25	62.10	0.50	200	5.13	403	14.0	57.9	6.83	8.9			
08:30	62.10	0.50	200	5.17	400	14.0	65.2	6.58	10.0			
08:35	62.10	0.50	200	5.20	397	14.0	68.3	6.40	7.0			
08:40 08:45	62.10 62.10	0.50 0.50	200 200	5.23 5.25	394 392	14.0 14.0	69.2 69.4	6.20 6.11	5.5 5.1			
00.43	02.10	0.30	200	3.23	392	14.0	09.4	0.11	J. 1			
Total Quantity	y of Water Rei	moved (gal):	3 ga	als		Sampling Ti	me:	8:50				
Samplers:	$\overline{}$					Split Sample	e With:	ТОВ				
						1						
Sampling Date: 10/20/2011				Sample Type: Grab								
Gauge Time: 4 COMMENTS AND OBSERVATIONS:					14.0							

HRP Engir 1 Fairchild Clifton Parl (518) 877-	Square, S k, NY 1206	uite 110	GI	ROUNDWAT SAMPLING			WG T	W YORK STATE				
Project: Clarn	nont Quartely	GW	WAS #: n/a			Field Person						
Location: Old	Bethpage, N	Y	Well ID.: EV	V-1C		Weather: Su	n is showing	through				
Sounding Met	thod: Water T	ape	Gauge Date	: 10-20-11		Measuremer	nt Ref: Top of	Column (TOC))			
Stick Up/Dow	n (ft): n/a		Gauge Time	e: 46.0\14.0		Well Diamete	er (in): 4"					
Purge Date:		10/	20/2011		Purge Time:			10:30				
Purge Method	d :	Lo	w Flow		Field Techni	ician:						
1) Well Depth	(ft): 127'		4) Well Dian	neter (in): 4"		7) Five Well	Volumes (gal): 206				
2) Depth to W	ater (ft): 64.0	1		me / Foot (gal)) (d ² x.0408):	Depth/Height of Top of PVC:						
3) Height of H	l ₂ O Column (1-2) (ft): 63	0.6528) (ft): 63 6) Total Well Volume (gal) (3x5): 41.1 Pump Type: Bladder									
			Water Quality Parameters									
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)			
10:10	64.0	0.50	210	4.55	445	13.7	33.0	8.19	8.9			
10:15	64.0	0.50	210	3.89	424	13.7	0.183	5.83	6.6			
10:20	64.0	0.50	210	3.84	416	13.7	0.195	5.52	5.5			
10:25	64.0	0.50	210	3.85	407	13.6	0.201	5.28	5.8			
								+				
					•				L			
Total Quantity	of Water Re	moved (gal):	2 ga	als		Sampling T	ime:	10:30				
Samplers:						Split Sampl	e With:	ТОВ				
Sampling Date: 10/20/2011						Sample Typ	oe:	Grab				
								1				
COMMENTS AND OBSERVATIONS:												

	Square, Suk, NY 1206	uite 110	GI	ROUNDWAT SAMPLING		TO THE STATE OF TH					
Project: Clarn	nont Quartely	GW	WAS #: n/a	ı		Field Person					
Location: Old	Bethpage, N	Y	Well ID.: EV	V-2A		Weather: Co	ol Temp @ 5	2°			
Sounding Me	thod: Water T	ape	Gauge Date	: 10-24-11		Measuremen	t Ref: Top of	Column (TOC)	1		
Stick Up/Dow	'n (ft): n/a		Gauge Time	e: 50.0\ 10.0		Well Diamete	er (in): 4"				
Purge Date:		10/:	24/2011		Purge Time:	:		07:55			
Purge Method	d:	Lo	w Flow		Field Techni	ician:					
1) Well Depth	Well Depth (ft): 108.50 4) Well Diameter (in): 4" 7) Fi): 59			
2) Depth to W	Vater (ft): 92.10	0	5) Well Volu 0.6528	ıme / Foot (gal)) (d ² x.0408):	Depth/Height	nt of Top of PVC:				
3) Height of H	l₂O Column (1	I-2) (ft): 16.4									
			Water Quality Parameters								
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)		
07:25	92.10	0.25	90	4.83	143	13.8	11.1	7.67	10.2		
07:30	92.10	0.10	90	4.95	38	13.8	12.2	5.96	10.5		
07:35	92.10	0.10	90	5.03	0	13.8	12.7	5.13	9.9		
07:40	92.10	0.10	90	5.05	-10	13.8	13.1	4.69	9.0		
07:45	92.10	0.10	90	5.08	-20	13.8	13.2	4.44	9.3		
07:50	92.10	0.35	90	5.07	-25	13.8	13.1	4.31	9.0		
			1			1		107.55			
Total Quantity	y of Water Rei	moved (gal):	1 ga	al		Sampling T	ime:	07:55			
Samplers:						Split Sample	e With:	ТОВ			
10/04/04/4							Τ				
Sampling Dat	10/24/2011					Sample Type: Grab					
			Cotting	o orror 2 wit	h hariba						
Getting a error 3 with homomorphism and Observations:					iii iioiiba						

HRP Engir 1 Fairchild Clifton Par (518) 877-	Square, Sek, NY 1206	uite 110	GI	ROUNDWAT SAMPLING		AND VORK STATE.					
Project: Clarn	nont Quartely	GW	WAS #: n/a	l		Field Personr					
Location: Old	Bethpage, N	Y	Well ID.: EV	V-2B		Weather: Still cool- temp @ 52°					
Sounding Me	thod: Water T	ape	Gauge Date	: 10-24-11		Measuremen	t Ref: Top of	Column (TOC)			
Stick Up/Dow	n (ft): n/a		Gauge Time	e: 08:50		Well Diamete	er (in): 4"				
Purge Date:		10	/24/2011		Purge Time:			08:50			
Purge Method	d:	Lo	ow Flow		Field Techni	Technician:					
1) Well Depth	ı (ft): 129.5'		4) Well Dian	neter (in): 4"		7) Five Well \	/olumes (gal): 122			
2) Depth to W	/ater (ft): 92.0	15	5) Well Volu	ıme / Foot (gal)) (d ² x.0408):	Depth/Height	of Top of P\	/C:			
3) Height of H 37.45	l₂O Column (′	1-2) (ft):	6) Total Wel	ll Volume (gal)	(3x5): 24.44	Pump Type: I	Bladder				
				Water Qualit	y Paramete	ers					
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)		
08:15	92.05	0.25	120	5.97	40	13.7	19.2	7.41	6.3		
08:20	92.30	0.25	120	6.84	78	13.8	29.3	4.96	10.1		
08:25	92.50	0.25	120	7.27	77	13.8	32.8	4.50	14.9		
08:30	92.50	0.25	120	7.46	78	13.8	34.7	4.28	15.7		
08:35	92.50	0.25	120	7.50	82	14.3	36.1	4.22	14.3		
08:40 08:45	92.50 92.50	0.25 0.50	120 120	7.52 7.55	83 85	14.3 14.3	36.1 36.3	4.20 4.24	14.1 14.1		
				-							
								<u> </u>			
Total Quantity	y of Water Re	moved (gal):	2 ga	als		Sampling Ti	me:	08:50			
Samplers:						Split Sample	e With:	ТОВ			
								1			
Sampling Date: 10/24/2011				Sample Type: Grab VOC							
	T					N	14.1				
COMMENTS	AND OBSER	RVATIONS:	Experier	Experiencing an error 3 problem. New 9 volt battery installed.				installed.			

	Square, S k, NY 1206	uite 110	GI	ROUNDWAT SAMPLING		THE WINDHAM FORK STATE						
Project: Clarr	nont Quartely	GW	WAS #: n/a	I		Field Person						
Location: Old	Bethpage, N	Y	Well ID.: EV	V-2C		Weather: Sur	n is out					
Sounding Me	thod: Water T	ape	Gauge Date	: 10-24-11		Measuremen	t Ref: Top of	Column (TOC))			
Stick Up/Dow	/n (ft): n/a		Gauge Time	e: 10:00		Well Diamete	er (in): 4"					
Purge Date:		10/	24/2011		Purge Time:			10:00				
Purge Metho	d:	Lo	w Flow		Field Techni	ician:						
1) Well Depth	n (ft): 149.50		4) Well Dian	neter (in): 4"	1	7) Five Well Volumes (gal): 187						
2) Depth to V	Vater (ft): 92.3	0	5) Well Volu 0.6528	ıme / Foot (gal)) (d ² x.0408):	Depth/Height	of Top of PV	/C:				
3) Height of F	H₂O Column (1-2) (ft): 57.2		ll Volume (gal)	(3x5): 37.34	Pump Type:	Bladder					
				Water Qualit	y Paramete	ers						
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)			
09:25	92.30	0.25	100	5.79	263	15.2	59.3	9.81	6.0			
09:30	92.30	0.25	100	4.80	290	14.8	57.7	9.20	3.5			
09:35	92.30	0.25	100	4.61	304	14.7	57.7	9.20	4.3			
09:40	92.30	0.25	100	4.50	313	14.7	57.6	9.09	4.7			
09:45	92.30	0.25	100	4.44	320	14.8	57.5	9.05	5.4			
09:50 09:55	92.30 92.30	0.25 0.25	100 100	4.41 4.38	324 327	14.7 14.8	57.6 57.7	9.06 9.06	6.6 6.5			
09.55	92.30	0.23	100	4.30	321	14.0	57.7	9.00	0.5			
Total Quantity	y of Water Re	moved (gal):	2 ga	als		Sampling T	ime:	10:00				
Samplers:						Split Sample	e With:	TOB VOC				
Sampling Da	te:	10/24/201	1			Sample Type: Grab						
No problem at well.												
COMMENTS	AND OBSER	RVATIONS:										

1 Fairchild	neering, P.C I Square, Su rk, NY 1206 -7101	uite 110	GI	ROUNDWAT SAMPLING		Field Descensel					
Project: Clarr	mont Quartely (GW	WAS #: n/a	l		Field Pers	sonne	l:			
Location: Old	d Bethpage, NY	/	Well ID.: EW	V-2D		Weather:	Sunri	se 55°			
Sounding Me	ethod: Water Ta	ape	Gauge Date): 10-25-11		Measurer	ment F	Ref: Top of	Column (TOC)		
Stick Up/Dow	/n (ft): n/a		Gauge Time	∌ : 7:04		Well Dian	neter ((in): 4"			
Purge Date:		10/	/25/2011		Purge Time:				7:07		
Purge Metho	d:	Bladde	r (dedicated	d)	Field Technic	ian:					
1) Well Depth	n (ft): 301.40		4) Well Dian	meter (in): 4"		7) Five W	/ell Vo	lumes (gal)	: 683.09		
2) Depth to V	Vater (ft): 92.12	2	5) Well Volu 0.6528	ume / Foot (gal)) (d ² x.0408):	Depth/He	ight o	f Top of PV	C:		
3) Height of H 209.78	H ₂ O Column (1	-2) (ft):	6) Total Wel	Il Volume (gal)	(3x5): 136.62	Pump Typ	pe: Bla	adder			
				Water Qualit	y Paramete	ers					
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperatu (oC)	ire	Conductivity: (cm)	DO (ug/L)	Turbidity (ntu)	
7:10	92.15	<u> </u>	240	5.10	282	13.43	3	0.114	7.93	1.1	
7:15	92.16	-	240	4.13	323	13.22		0.113	2.47	2.7	
7:10	92.17		240	4.25	289	13.25		0.115	4.49	135.0*	
7:25	92.17		240	4.11	298	13.27		0.106	7.16	120.0	
7:30	92.17		240	4.08	309	13.27		0.104	8.33	73.8	
7:35	92.17		240	4.15	312	13.27		0.104	8.62	41.5	
7:40	92.17		240	4.28	310	13.27		0.103	8.74	27.6	
7:45	92.17		240	4.44	306	13.24	1	0.102	8.82	25.8	
7:50	92.17		240	4.58	300	13.33	3	0.102	8.81	27.7	
7:55	92.17		240	4.68	296	13.27		0.102	8.78	32.4	
8:00	92.17		240	4.75	294	13.27		0.102	8.80	41.6	
Total Quantity	ty of Water Ren	noved (mL):	15,3	360		Samplin	g Tim	e:	8:11		
Samplers:	Keith G	Sandarillas	;			Split Sai	mple \	With:			
Sampling Da	<u></u>	10/25/201			Sample	T./20		VOCs			
Sampling Date: 10/25/2011						Sample	туре.		VUUS		
COMMENTS	S AND OBSER\	VATIONS:		6.5= intake 8.5= discharge nalfunction. New meter being delivered today. ntu. Numbers keep jumping around. Same				today.			

	Square, Si k, NY 1206	uite 110	GI	ROUNDWAT SAMPLING		TO THE WINDS TAKE TO THE TOTAL					
Project: Clarn	nont Quartely	GW	WAS #: n/a	ı		Field Person					
Location: Old	Bethpage, N	Y	Well ID.: EV	V-3A		Weather: Ge	tting warmer				
Sounding Me	thod: Water T	ape	Gauge Date	: 10-20-11		Measuremer	nt Ref: Top of	Column (TOC)			
Stick Up/Dow	n (ft): n/a		Gauge Time	e:40.0\ 20.0		Well Diamete	er (in): 4"				
Purge Date:		10/	20/2011		Purge Time:	:		10:55			
Purge Method	d:	Lo	w Flow		Field Techni	ician:					
1) Well Depth	(ft): 106.0'		4) Well Diameter (in): 4' 7) Five Well Volumes (gal): 35.25								
2) Depth to W	/ater (ft): 95.2	0	5) Well Volu 0.6528	ıme / Foot (gal) (d ² x.0408):	Depth/Heigh	t of Top of PV	/C:			
3) Height of H	l ₂ O Column (1	Column (1-2) (ft): 10.8 6) Total Well Volume (gal) (3x5): 7.05 Pump Type					Bladder				
				Water Qualit	y Paramete	ers					
Time (hrs)	DTW (ft btoc)	Volume (gallons)	Rate (mL)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)		
10:35	95.20	0.50	110	5.09	288	13.6	5.4	12.09	16.7		
10:40	95.20	0.50	110	5.00	335	13.5	4.9	11.25	9.1		
10:45	95.20	0.50	110	4.98	341	13.3	4.8	11.22	9.2		
10:50	95.20	0.50	110	4.98	353	13.3	4.8	11.03	8.9		
				1							
				!							
Total Quantity	y of Water Rei	moved (gal):	3 ga	als		Sampling T	ime:	10:55			
Samplers:						Split Sampl	e With:	ТОВ			
<u>'</u>											
Sampling Dat	ie:	10/20/201	1			Sample Typ	oe:	Grab			
COMMENTS	AND OBSER	VATIONS:									

1 Fairchild	neering, P.C Square, St k, NY 1206 7101	uite 110	Gl	ROUNDWAT SAMPLING			•	W YORK STATE		
Project: Clarr	mont Quartely	GW	WAS #: n/a	I		Field Personi		· Onk ·		
Location: Old	Bethpage, NY	,	Well ID.: EV	V-3B		Weather: Clo	udy again			
Sounding Me	thod: Water Ta	аре	Gauge Date	: 10-20-11		Measuremen	t Ref: Top of	Column (TOC)		
Stick Up/Dow	vn (ft): n/a		Gauge Time	e: 40.0\20.0		Well Diamete	er (in): 4"			
Purge Date:		10/	20/2011		Purge Time:	•		11:30		
Purge Metho	d:	Lo	w Flow		Field Technician:					
1) Well Depth	n (ft): 136.86		4) Well Dian	neter (in): 4"	<u> </u>	7) Five Well \	/olumes (gal): 135.5		
2) Depth to V	Vater (ft): 95.35	5	5) Well Volu 0.6528	ıme / Foot (gal)) (d ² x.0408):	Depth/Height	of Top of PV	′C:		
3) Height of H 41.51	H ₂ O Column (1	-2) (ft):		ll Volume (gal)	(3x5): 27.09	Pump Type:	Bladder			
				Water Qualit	y Paramete	ers				
Time (hrs)	DTW (ft btoc)	Volume (gallons)	Rate (mL)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)	
11:10	95.35	0.25	110	446	425	14.2	7.6	10.90	7.3	
11:15	95.35	0.25	110	431	425	14.0	7.5	9.30	7.4	
11:20	95.35	0.50	110	427	425	14.0	7.6	9.70	7.1	
11:25	95.35	0.50	110	429	425	14.0	7.4	9.83	7.3	
Total Quantit	y of Water Rer	moved (gal):	1.50) gals		Sampling Ti	me:	11:30		
Samplers: Split Sam							e With:	ТОВ		
Sampling Date: 10/20/2011						Sample Typ	e:	Grab		
COMMENTS	AND OBSER	VATIONS:								

HRP Engin 1 Fairchild Clifton Park (518) 877-7	Square, S k, NY 1206	uite 110	G	ROUNDWAT SAMPLING			•	SW YORK STATE				
Project: Clarm	ont Quartely	GW	WAS #: n/a	1		Field Personi		Onk				
Location: Old	Bethpage, N	Υ	Well ID.: EV	V-3C		Weather: Wir	ndy					
Sounding Met	hod: Water T	Гаре	Gauge Date	e: 10-20-11		Measuremen	t Ref: Top of	Column (TOC)				
Stick Up/Dowr	n (ft): n/a		Gauge Time	e: 40.0\20.0		Well Diamete	er (in): 4"					
Purge Date:		10/	20/2011		Purge Time:		12:15					
Purge Method	:	Lo	w Flow		Field Techni	ician:						
1) Well Depth	(ft): 165.85		4) Well Diar	meter (in): 4"		7) Five Well Volumes (gal): 231						
2) Depth to Wa	ater (ft): 95.2	20	5) Well Volu	ıme / Foot (gal)) (d ² x.0408):	Depth/Height	of Top of P\	/C:				
3) Height of H	₂O Column (1-2) (ft):		ll Volume (gal)	(3x5): 46.1	Pump Type:	Bladder					
				Water Qualit	y Paramete	ers						
Time (hrs)	DTW (ft btoc)	Volume (gallons)	Rate (mL)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)			
0.489583	95.20	0.50	180	4.64	4.25	13.4	62.3	10.56	9.5			
0.493056	95.20	0.50	180	4.63	4.25	13.3	61.0	10.41	9.0			
0.496528	95.23	0.50	180	4.61	4.23	13.3	5.78	10.20	8.1			
0.5	95.23	0.50	180	4.47	4.27	13.2	5.73	9.97	7.3			
0.503472	95.23	0.50	180	4.37	4.32	13.1	8.86	9.93	7.5			
0.506944	95.23	0.50	180	4.31	4.33	13.2	6.05	9.97	7.7			
Total Quantity	of Water Re	emoved (gal):	13 (gals		Sampling Ti	me:	12:15				
Samplers:					Split Sample	e With:	ТОВ					
Sampling Date: 10/20/2011						Sample Typ	e:	Grab				
COMMENTS	RVATIONS:											

	Square, Si k, NY 1206	uite 110	GI	ROUNDWAT SAMPLING		AND TORK STATE TO					
Project: Clarn	nont Quartely	GW	WAS #: n/a	ı		Field Person					
Location: Old	Bethpage, N	Y	Well ID.: EV	V-4A		Weather: Clear skies, windy and cool					
Sounding Me	thod: Water T	ape	Gauge Date	: :		Measurement Ref: Top of Column (TOC)					
Stick Up/Dow	n (ft): n/a		Gauge Time	e: 40.0\20.0		Well Diamete	er (in): 4"				
Purge Date:		10/	/21/2011		Purge Time:			07:55			
Purge Method	d:	Lo	ow Flow	Flow Field Technician:							
1) Well Depth	(ft): 116.80'		4) Well Diameter (in): 4" 7) Five Well Volumes (gal): 70								
2) Depth to W	/ater (ft): 95.2	5	5) Well Volu	ıme / Foot (gal)) (d ² x.0408):	Depth/Height	of Top of PV	/C:			
3) Height of H 21.55	of H ₂ O Column (1-2) (ft): 6) Total Well Volume (gal) (3x5): 14.06					Pump Type:	Bladder				
				Water Qualit	y Paramete	ers					
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)		
07:30	95.25	0.25	130	3.99	408	13.1	15.9	10.65	5.0		
07:35	95.25	0.50	130	3.99	416	13.1	14.9	10.01	5.9		
07:40	95.25	0.50	130	3.99	426	13.2	14.7	9.88	5.7		
07:45	95.25	0.75	130	3.99	435	13.2	14.0	9.75	5.7		
07:50	95.25	1.00	130	3.99	439	13.2	14.0	9.63	5.5		
								•			
Total Quantity	y of Water Rei	moved (gal):	3 ga	als		Sampling T	ime:	07:55			
Samplers:						Split Sample	e With:	-			
Sampling Dat	Sampling Date: 10/21/2011					Sample Typ	De:	Grab			
, , , ,						1 1 7 7		1			
COMMENTS	AND OBSER	VATIONS:									

1 Fairchild	neering, P.C Square, St k, NY 1206 7101	uite 110	GI	ROUNDWAT SAMPLING		THE TORK STATE					
Project: Clarr	mont Quartely	GW	WAS #: n/a	l		Field Person					
Location: Old	Bethpage, NY	7	Well ID.: EV	V-4B		Weather: Clear sunny skies					
Sounding Me	thod: Water Ta	ape	Gauge Date	: 10-21-11		Measuremen	t Ref: Top of	Column (TOC))		
Stick Up/Dow	/n (ft): n/a		Gauge Time	e: 40.0\20.0		Well Diamete	er (in): 4"				
Purge Date:	Purge Date: 10/21/2011				Purge Time:	:		08:50			
Purge Metho	d:	Lo	ow Flow		Field Techni	ician:					
1) Well Depth	n (ft): 131.72		4) Well Dian	meter (in): 4"		7) Five Well	Volumes (gal): 119			
2) Depth to V	Vater (ft): 95.16	3	5) Well Volu 0.6528	ıme / Foot (gal)) (d ² x.0408):	Depth/Height	t of Top of PV	/C:			
3) Height of H 36.50	H ₂ O Column (1	-2) (ft):		ll Volume (gal)	(3x5): 23.87	Pump Type:	Bladder				
				Water Qualit	y Paramete	ers					
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)		
08:10	95.16	0.50	220	4.14	454	13.3	22.3	9.17	8.2		
08:15	95.76	0.50	220	4.05	455	13.3	23.3	8.00	4.5		
08:20	95.86	0.50	220	4.07	454	13.4	23.6	7.99	4.4		
08:25	96.10	0.50	220	4.09	453	13.4	23.6	7.90	4.4		
	+			+							
				+							
			1	1							
			1	1							
			1	1							
			†	†							
								•	·I		
Total Quantity	y of Water Rer	noved (gal):	2 ga	als		Sampling T	ime:	08:30			
Samplers:						Split Sampl	e With:	-			
								_			
Sampling Date: 10/21/2011 Sa					Sample Typ	oe:	Grab				
COMMENTS AND OBSERVATIONS:											

HRP Engir 1 Fairchild Clifton Par (518) 877-	Square, Si k, NY 1206	uite 110	GI	ROUNDWAT SAMPLING			111	W YORK STATE			
Project: Clarn	mont Quartely	GW	WAS #: n/a	I		Field Personr					
Location: Old	Bethpage, N	Y	Well ID.: EV	V-4C		Weather: Cod	ol, windy				
Sounding Me	thod: Water T	ape	Gauge Date	: 10-21-11		Measuremen	t Ref: Top of	Column (TOC))		
Stick Up/Dow	n (ft): n/a		Gauge Time	e: 40.0\20.0		Well Diamete	r (in): 4"				
Purge Date:		10/	/21/2011		Purge Time:			09:15			
Purge Method	<u>:</u>	Lo	ow Flow		Field Techni	chnician:					
1) Well Depth	ı (ft): 157.00		4) Well Dian	neter (in): 4"	•	7) Five Well \	/olumes (gal): 203			
2) Depth to W	Vater (ft): 94.7	0	5) Well Volu	ıme / Foot (gal)) (d ² x.0408):	Depth/Height	of Top of PV	/C:			
3) Height of H 62.30	H₂O Column (1	I-2) (ft):		ll Volume (gal)	(3x5): 40.7	Pump Type: I	Bladder				
				Water Qualit	y Paramete	ers					
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)		
08:40	94.70	0.25	100	4.09	457	13.6	52.6	8.10	4.1		
08:45	94.80	0.25	100	4.37	437	13.6	50.1	7.88	4.3		
08:50	94.80	0.25	100	4.57	4.25	13.6	47.8	7.66	4.4		
08:55	94.80	0.25	100	4.63	4.21	13.6	45.6	7.56	4.4		
09:00	94.80	0.25	100	4.65	4.19	13.6	45.2	7.53	4.4		
09:05	94.80	0.25	100	4.68	4.15	13.8	44.7	7.73	4.2		
09:10	94.80	0.50	100	4.69	4.14	13.9	45.0	7.49	4.2		
Total Quantity	y of Water Rei	moved (gal):	2 ga	als		Sampling Ti	me:	09:15			
Samplers:						Split Sample	e With:	<u> </u> -			
Sampling Dat	te:	10/21/201	1			Sample Typ	e:	Grab			
COMMENTS	AND OBSER	VATIONS:	No prob	em at well-	began to d	dump quickly	/				

1 Fairchild	neering, P.C I Square, Su rk, NY 12069 -7101	uite 110	GI	ROUNDWAT SAMPLING		AL VORK STATE					
Project: Cları	mont Quartely	GW	WAS #: n/a	ı		Field Personi					
Location: Old	d Bethpage, NY	(Well ID.: EW	V-4D		Weather: Par	rtly Sunny 50°	2			
Sounding Me	ethod: Water Ta	ape	Gauge Date	e: 10-24-11		Measuremen	t Ref: Top of	Column (TOC)			
Stick Up/Dov	vn (ft): n/a		Gauge Time	e: 8:40		Well Diamete	er (in): 4"				
Purge Date:		10/	/24/2011		Purge Time:			8:58			
Purge Metho	d:	Bladde	r (dedicate	d)	Field Technic	cian:					
1) Well Depti	n (ft): 295'		4) Well Dian	meter (in): 4"	.1	7) Five Well \	Volumes (gal)): 652.45			
2) Depth to V	Vater (ft): 95.10)	5) Well Volu 0.6528	ume / Foot (gal)) (d ² x.0408):	Depth/Height	of Top of PV	'C:			
3) Height of I 199.90	H₂O Column (1	-2) (ft):		ell Volume (gal)	(3x5): 130.49	Pump Type:	Bladder				
				Water Quality	y Paramete	rs					
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)		
9:01	95.23		260	5.29	221	13.11	0.229	8.05	2.6		
9:06	95.23		260	2.18	218	13.32	0.219	5.17	3.8		
9:11	95.23		260	4.98	217	13.42	0.220	6.42	1.4		
9:16	95.23		260	5.00	215	13.45	0.227	6.71	0.6		
9:21	95.23		260	4.99	215	13.50	0.227	6.76	1.9		
	+		 	 	 						
Total Quantit	ty of Water Ren	noved (mL):	624	0		Sampling Ti	ime:	9:22			
Samplers:	Keith G	Sandarillas	; 			Split Sample	e With:				
Sampling Da	ite:	10/24/201	1			Sample Type: Vocs					
	•					_		•			
			16.5=ps	į	8.5=ir	ntake		6.5=dischar	ge		
COMMENTS	S AND OBSER\	VATIONS:									

	Square, Si k, NY 1206	uite 110	Gl	ROUNDWAT SAMPLING		TEW YORK STATE.					
Project: Clarn	nont Quartely	GW	WAS #: n/a	l		Field Person					
Location: Old	Bethpage, N	Y	Well ID.: EV	V-5		Weather: Sur	n is out				
Sounding Me	thod: Water T	ape	Gauge Date	: 10-24-11		Measuremen	t Ref: Top of	Column (TOC)			
Stick Up/Dow	n (ft): n/a		Gauge Time	e: 11:35		Well Diamete	er (in): 4"				
Purge Date:		10/	24/2011		Purge Time:			11:35			
Purge Method	<u>d:</u>	Lo	w Flow		Field Techni	ician:					
1) Well Depth	ı (ft): 178.87		4) Well Dian	neter (in): 4"	•	7) Five Well \	/olumes (gal)): 350			
2) Depth to W	Vater (ft): 71.5	0	5) Well Volu	ime / Foot (gal)) (d ² x.0408):	Depth/Height	of Top of PV	'C:			
3) Height of H 107.37	H₂O Column (1	I-2) (ft):		ll Volume (gal)	(3x5): 70.1	Pump Type: I	Bladder				
				Water Qualit	y Paramete	ers					
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)		
11:00	70.50	0.50	210	5.54	210	16.3	17.5	8.42	1.2		
11:05	70.50	0.50	210	5.57	222	15.9	16.3	6.30	2.4		
11:10	71.00	0.50	210	5.51	226	15.9	11.4	6.17	2.4		
11:15	71.00	0.50	210	5.45	228	16.1	8.9	6.09	2.3		
11:20	71.00	0.50	210	5.43	226	16.2	7.8	6.02	2.8		
11:25	71.00	0.25	210	5.41	227	16.3	7.3	5.97	2.8		
11:30	71.00	0.25	210	5.38	226	16.3	7.3	5.95	2.5		
Total Quantity	y of Water Rei	moved (gal):	3 ga	als		Sampling Ti	me:	11:35			
								<u> </u>			
Samplers:						Split Sample	e With:	-			
Sampling Date: 10/24/2011						Sample Typ	e:	Grab VOC	;		
No problem at well, pum					pumped ve	ery quickly.					
COMMENTS	AND OBSER	VATIONS:			-						

1 Fairchild	neering, P.C I Square, Su rk, NY 12065 -7101	uite 110	GF	ROUNDWAT SAMPLING			THE TOP TO THE TAKE THE TOP TO TH					
Project: Clar	mont Quartely C	ЭW	WAS #: n/a			Field F	Personr					
Location: Old	d Bethpage, NY	,	Well ID.: EW	V-6A		Weath	ner: Ove	ercast 55°				
Sounding Me	ethod: Water Ta	аре	Gauge Date	: 10-26-11	-	Measu	uremen	t Ref: Top of	Column (TOC)			
Stick Up/Dov	vn (ft): n/a		Gauge Time) : 8:31		Well D	iamete	er (in):4"				
Purge Date:		10/:	26/2011		Purge Time:	:	8:48					
Purge Metho	d:	Bladde	er (PVC-2))	Field Techni	ician:	cian: Keith Gandarillas					
1) Well Dept	h (ft): 71.0'		4) Well Dian	meter (in): 4"		7) Five	e Well \	Volumes (gal)	: 29.99			
2) Depth to V	Water (ft): 61.81		5) Well Volu 0.6528	ıme / Foot (gal)) (d ² x.0408):	Depth	/Height	t of Top of PV	C:			
3) Height of I	H ₂ O Column (1-	-2) (ft): 9.19					Pump Type: Bladder (PVC-2)					
				Water Quality Parameters								
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)		erature C)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)		
9:08	61.82		300	6.07	181	_	.57	0.361	0.00	39.6		
9:13	61.83		300	6.12	181		.66	0.353	0.00	31.7		
9:18	61.83		300	6.08	181	_	.67	0.363	0.00	14.0		
9:23	61.83		300	6.09	180	14	.70	0.370	0.00	14.6		
	+		 	+	+	-		 	+	 		
	+			 	+	+						
	++		 	+	+	_			1			
	+			+	+	+				 		
	+		 	+	+	-			+	 		
	++		 	+	 	-			+			
Total Quantit	ty of Water Rem	noved (mL):	10,8	300		Sam	pling Ti	ime:	9:24			
Samplers:	Keith G	andarillas				Split	Sample	e With:	T			
	•											
Sampling Da	ite: '	10/26/2011	1			Sam	ple Typ	e:	VOCs			
COMMENTS	S AND OBSERV	VATIONS:		suspicious- y ripped off.		motor			•	r-		

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101			GI	ROUNDWAT SAMPLING			TO THE TORK STATE TO						
Project: Clarmont Quartely GW			WAS #: n/a	I		nnel:							
Location: Old	d Bethpage, N	Y	Well ID.: EW	V-6C		artly sunny 50°	unny 50°						
Sounding Me	ethod: Water T	ape	Gauge Date	Gauge Date: 10-26-11 Measurement Ref: Top of Column (TOC)									
Stick Up/Dow	/n (ft): n/a		Gauge Time	e: 7:29		Well Diamete	Vell Diameter (in): 4"						
Purge Date:		10/	/26/2011		Purge Time:		7:33						
Purge Metho	d:	Bladd	ler (PVC-2))	Field Technic	cian:	cian: Keith Gandarillas						
1) Well Depth	า (ft): 169		4) Well Dian	meter (in): 4"		7) Five Well	Volumes (gal): 348.20					
	Vater (ft): 62.3		0.6528	ume / Foot (gal)		Depth/Heigh							
3) Height of H 106.68	H ₂ O Column (1	1-2) (ft):	6) Total Wel	ll Volume (gal)	(3x5): 69.64	Pump Type: Bladder (PVC-2)							
				Water Qualit	y Paramete	ers							
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)				
7:40	62.24		100	6.49	-23	14.86	0.260	6.63	32.9				
7:45	62.31		100	6.28	4	15.25	0.325	4.19	33.4				
7:50	62.48		100	6.27	22	15.46	0.364	3.14	31.5				
7:55	62.63		100	6.32	47	15.56	0.396	2.03	32.7				
8:00	62.72		100	6.38	61	15.65	0.398	1.80	31.7				
8:05	62.80		100	6.43	68	15.80	0.409	1.30	32.8				
8:10	62.86	<u> </u>	100	6.47	73	15.80	0.417	0.92	34.7				
8:15	62.89	Γ	100	6.49	78	15.90	0.419	0.63	36.3				
8:20	62.91		100	6.51	81	16.02	0.420	0.60	39.3				
8:25	62.93		100	6.51	83	15.95	0.421	0.55	40.4				
Total Quantit	y of Water Re	moved (mL):	5,30	00		Sampling T	 Γime:	8:26					
Samplers:	Keith C	Gandarillas				Split Samp	le With:	<u> </u>					
Sampling Date: 10/26/201			1			Sample Ty	pe:	VOCs					
		<u> </u>											
COMMENTS	S AND OBSEF	RVATIONS:	70= psi Needs n	new handwa		5=intake y cover ripp	ped off	5.5=disch	arge				

1 Fairchild	neering, P.C Square, Su ck, NY 1206 7101	uite 110	GF	ROUNDWATI SAMPLING		<u>H</u>						
Project: Clarr	mont Quartely	GW	WAS #: n/a			Field F	Field Personnel: Keith Gandarillas					
Location: Old	Bethpage, NY	7	Well ID.: EW	V-7C		Weather: Overcast 55-60°						
Sounding Me	ethod: Water Ta	ape	Gauge Date	: 10-26-11		Measurement Ref: Top of Column (TOC)						
Stick Up/Dow	n (ft): n/a		Gauge Time): 11:09		Well D	Well Diameter (in): 4"					
Purge Date:		10/	/26/2011		Purge Time:		11:15					
Purge Method	d:	Bladder	r (dedicated	d)	Field Technic	cian: Keith Gandarillas						
1) Well Depth	ı (ft): 199.50		4) Well Diam	neter (in): 4"		7) Five	7) Five Well Volumes (gal): 370.33					
2) Depth to W	Vater (ft): 86.04	4	5) Well Volu 0.6528	ıme / Foot (gal)) (d ² x.0408):	Depth/Height of Top of PVC:						
3) Height of H 113.46	H ₂ O Column (1	-2) (ft):		ll Volume (gal)	(3x5): 74.07	Pump Type: Bladder						
				Water Quality	y Paramete	ers						
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	`	C)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)		
11:18	86.11		240	5.00	284	14	.43	1.16	5.71	0.0		
11:23	86.11		240	4.76	298		.46	1.35	2.29	0.0		
11:28	86.10		240	4.63	307		.56	1.58	5.30	0.0		
11:33	86.10		240 240	4.63	310		.60	1.69	5.97	0.0		
11:38	86.10			4.63	312		.66	1.75	6.16			
11:43 11:48	86.10 86.10		240 240	4.64 4.64	314 317		.69 .68	1.77 1.77	6.23 6.22	0.0		
						 						
Total Quantity	y of Water Ren	moved (mL):	8,16	30		Samp	oling Ti	me:	11:49			
Samplers:	Keith G	Sandarillas					Split Sample With:					
Sampling Date: 10/26/201			1			Samp	ole Typ	e:	VOCs			
			105=psi		8.0	8.0=intake 7.0=discharge						
COMMENTS	AND OBSER	VATIONS:										

1 Fairchild Clifton Par (518) 877-		uite 110 55	GF	ROUNDWAT SAMPLING			PEPATMENT.	W YORK STATE			
Project: Clarr	mont Quartely	GW	WAS #: n/a	ī		Field Personr	nel: Keith Gar	ndarillas			
Location: Old	Bethpage, N	7	Well ID.: EW	V-7D		Weather: Ove	ercast 55°				
Sounding Me	thod: Water Ta	ape	Gauge Date: 10-26-11			Measurement Ref: Top of Column (TOC)					
Stick Up/Dow	n (ft): n/a		Gauge Time	e: 10:32 Well Diameter (in): 4"							
Purge Date:		10/	26/2011		Purge Time:	10:36					
Purge Metho	d:	Bladder	r (dedicated	d)	Field Technic	ician: Keith Gandarillas					
1) Well Depth	ı (ft): 283.5		4) Well Dian	meter (in): 4"		7) Five Well \	7) Five Well Volumes (gal): 645.13				
2) Depth to V	Vater (ft): 85.8	5	5) Well Volu 0.6528	ume / Foot (gal)) (d ² x.0408):	Depth/Height of Top of PVC:					
3) Height of I 197.65	H ₂ O Column (1	-2) (ft):		ll Volume (gal)	(3x5): 129.03	3 Pump Type: Bladder					
				Water Quality	y Paramete	rs					
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)		
10:40	85.91		260	5.32	255	14.01	0.276	2.08	0.0		
10:45	85.93	 	260	5.21	258	14.25	0.276	0.71	0.0		
10:50	85.94		260	5.02	268	14.39	0.269	1.97	0.0		
10:55	85.95 85.06		260	5.01	271 272	14.44	0.268	2.48	0.0		
11:00	85.96 85.97		260	5.03		14.48	0.269	2.60	0.1 0.7		
11:05	85.97		260	5.03	274	14.51	0.270	2.63	0.7		
Total Quantit	y of Water Rer	moved (mL):	7,80	00		Sampling Ti	ime:	11:06			
Samplers:	Keith C	Sandarillas				Split Sample	e With:				
Campiors.		- andannas				Ориг батри					
Sampling Da	te:	10/26/201	1			Sample Typ	e:	VOCs			
			80=psi		8.0=ir	ntake		7.0=disch	arge		
COMMENTS	AND OBSER	.VATIONS:									

HRP Engir 1 Fairchild Clifton Par (518) 877-	Square, S k, NY 1206	Suite 110	GI	ROUNDWAT SAMPLING			~	W YORK STAFE				
Project: Clarr	nont Quartely	, GW	WAS #: n/a	ì		Field Personnel: Keith Gandarillas						
Location: Old	l Bethpage, N	Ϋ́	Well ID.: EV	V-8D		Weather: Ove	Weather: Overcast 60°					
Sounding Me	thod: Water T	Гаре	Gauge Date	: 10-26-11		Measuremen	t Ref: Top of	Column (TOC)				
Stick Up/Dow	ın (ft): n/a		Gauge Time: 11:59 Well Diameter (in): 4"									
Purge Date:		10/	/26/2011		Purge Time:	12:03						
Purge Method	d:	Bladder	r (dedicate	d)	Field Technic	cian: Keith Gandarillas						
1) Well Depth	ı (ft): 242		4) Well Dian	meter (in): 4"		7) Five Well Volumes (gal): 581.94						
2) Depth to W	Vater (ft): 63.7	<i>7</i> 1	5) Well Volume / Foot (gal) (d ² x.0408): 0.6528			Depth/Height of Top of PVC:						
3) Height of H ₂ O Column (1-2) (ft): 178.29				ll Volume (gal)	(3x5): 116.39	Pump Type: Bladder						
				Water Qualit	y Paramete	rs						
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)			
12:03	63.76		240	5.05	279	13.75	0.139	0.01	16.1			
12:13 12:18	63.76 63.76		240 240	4.85 4.80	289 294	13.72 13.67	0.144 0.146	4.27 6.26	6.8 2.4			
12:13	63.76		240	4.81	298	13.67	0.146	6.68	7.3			
12:28	63.76	<u> </u>	240	4.82	300	13.63	0.146	6.80	14.7			
		_		 				 				
Total Quantity	y of Water Re	emoved (mL):	6,24	40		Sampling T	ime:	12:29				
Samplers:	Keith (Gandarillas				Split Sample With:						
Sampling Dat	Sampling Date: 10/26/201					Sample Type: VOCs						
			131= ps	i	8.0=ii	ntake		7.0=disch	arge			
COMMENTS	AND OBSER	RVATIONS:	1312 μο		0.0-11				9 -			

HRP Engli 1 Fairchild Clifton Par (518) 877-	Square, S k, NY 1206	Suite 110	Gl	ROUNDWAT SAMPLING			~	W YORK STAFE				
Project: Clarr	mont Quartely	, GW	WAS #: n/a	i		Field Personi	Field Personnel: Keith Gandarillas					
Location: Old	l Bethpage, N	Ϋ́	Well ID.: EV	V-9D		Weather: Ove	Weather: Overcast 55°					
Sounding Me	ethod: Water T	Гаре	Gauge Date	e: 10-26-11		Measuremen	t Ref: Top of	Column (TOC)	.			
Stick Up/Dow	/n (ft): n/a		Gauge Time: 9:47 Well Diameter (in): 4"									
Purge Date:		10/	/26/2011		Purge Time:	9:48						
Purge Metho	d:	Bladde	r (dedicate	d)	Field Technic	cian: Keith Gandarillas						
1) Well Depth	า (ft): 254'		4) Well Diar	meter (in): 4"		7) Five Well Volumes (gal): 601.19						
2) Depth to V	Vater (ft): 69.8	31	5) Well Volume / Foot (gal) (d ² x.0408): 0.6528			Depth/Height of Top of PVC:						
3) Height of H 184.19	3) Height of H ₂ O Column (1-2) (ft): 184.19			ll Volume (gal)	(3x5): 120.24	4 Pump Type: Bladder						
				Water Qualit	y Paramete	rs						
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)			
9:54	69.94	<u> </u>	280	5.24	249	13.95	0.162	1.45	0.0			
9:59 10:04	69.94 69.94	 	280 280	5.11 5.12	256	14.02 14.05	0.140 0.135	5.06 6.01	0.0			
10:04	69.94	+	280	5.12	261 263	14.03	0.135	6.23	0.0			
10:14	69.94	1	280	5.12	265	14.09	0.134	6.31	0.6			
Total Quantit	y of Water Re	emoved (mLl):	7,56	60		Sampling Ti	ime:	10:15				
Samplers:	Keith (Gandarillas					Split Sample With:					
Sampling Da	Sampling Date: 10/26/201					Sample Typ	e:	VOCs				
		- <u> </u>	142= ps	i	7.5	=intake		7.5=disch	arge			
COMMENTS	AND OBSEF	RVATIONS:										

1 Fairchild Clifton Par (518) 877-		uite 110 55	GF				•	~				
Project: Clarr	mont Quartely	GW	WAS #: n/a	I		Field Pers		### Pick Pick				
Location: Old	d Bethpage, NY	Y	Well ID.: EW	V-10C		Weather:	Mainly sunny 50)°				
Sounding Me	ethod: Water Ta	ape	Gauge Date	: 10-24-11		Measurer	nent Ref: Top of	Column (TOC))			
Stick Up/Dow	vn (ft): n/a		Gauge Time	9:24		Well Diam	neter (in): 4"					
Purge Date:		10/	er (dedicated) Field Technician: Keith Gandarillas 4) Well Diameter (in): 4" 7) Five Well Volumes (gal): 185.8 5) Well Volume / Foot (gal) (d²x.0408): Depth/Height of Top of PVC:									
Purge Metho	d:	Bladde	r (dedicate	d)	Field Techni	cian:	Keith	n Gandarilla	S			
1) Well Depth	h (ft): 150'		4) Well Dian	neter (in): 4"		7) Five W	/ell Volumes (gal): 185.8				
2) Depth to V	Water (ft): 93.08	8		me / Foot (gal)) (d ² x.0408):	Depth/He						
3) Height of I 56.92	H ₂ O Column (1	-2) (ft):	WAS #: n/a									
		-	- -	Water Qualit	y Paramete	meters						
Time (hrs)	DTW (ft btoc)	Volume (liters)							Turbidity (ntu)			
9:37	93.06					-			+			
9:42 9:47	93.06 93.06	 										
9.47	93.00		200	4.70	232	13.80) 0.245	0.94	0.0			
	↓ 	 	 	 	<u> </u>	 		 	-			
	+		+	+	 	+		+	1			
	+ +		+	+	 	+	+	+	1			
	+ +		+	+	1	+	+	+				
	<u></u>											
Total Quantit	ty of Water Rer	moved (mL):	4,00)0		Samplin	g Time:	9:48				
Samplers: Keth Gandarillas Split Sample With:												
												
Sampling Da	te:	10/24/201	1			Sample	Туре:	VOCs				
			85=psi		9.5=ir	ntake		5.5=disch	arge			
COMMENTS	S AND OBSER	VATIONS:										

Clifton Par	Square, S k, NY 1206	uite 110	G	ROUNDWAT SAMPLING			0	*		
Project: Clarr	mont Quartely	GW	WAS #: n/a	ì		Field Personnel: Keith Gandarillas Weather: Partly Sunny 50-55° Measurement Ref: Top of Column (TOC) Well Diameter (in): 4" arge Time: 10:59 eld Technician: Keith Gandarillas 7) Five Well Volumes (gal): 589.41 personnel: Keith Gandarillas 7) Five Well Volumes (gal): 589.41 Pump Type: Bladder				
Location: Old	l Bethpage, N	Y	Well ID.: EV	V-11D		Weather: Pa	rtly Sunny 50-	-55°		
Sounding Me	thod: Water T	ape	Gauge Date	e: 10-24-11		Measureme	nt Ref: Top of	Column (TOC)		
Stick Up/Dow	vn (ft): n/a		Gauge Time	e: 10:56		Well Diamet	er (in): 4"			
Purge Date:		10/2	24/2011		Purge Time:	•		10:59		
Purge Metho	d:	Bladder	(dedicate	d)	Field Technic	cian:	Keith	Gandarillas	3	
1) Well Depth	n (ft): 280		4) Well Diar	neter (in): 4"	<u> </u>	7) Five Well Volumes (gal): 589.41				
2) Depth to W	Vater (ft): 99.4	2		ıme / Foot (gal)) (d ² x.0408):	Depth/Height of Top of PVC:				
3) Height of H 180.58	Ct: Clarmont Quartely GW WAS #: n/a Field Personnel: Keith Gandarillas									
				Water Qualit	y Paramete	neters				
Time (hrs)										
11:03	,		240		, ,	` ,	0.601	9.89	, ,	
11:08			240	5.15	269	13.43		9.56	0.0	
11:13	99.53		240	4.94				10.07	0.1	
11:18	99.53		240	4.89	273	13.59		10.52	26.6	
11:23	99.53		240	4.94	272	13.64	0.613	10.30	35.0	
Total Quantity	y of Water Re	moved (mL):	6,00	00		Sampling T	ïme:	11:24		
Samplers:	Keith (Sandarillas				Split Samp	e With:			
Sampling Da	te:	10/24/2011 Sample Type: VOCs								
COMMENTS	AND OBSER	VATIONS:	jumps. F Turb stil	Possible pro I fluctuating	blem with T . Tried to re	Turb probe- ecalibrate b	ut did not v		done. ill jumping	

1 Fairchild	l Square, Surk, NY 1206	uite 110	GI				O PEPARTMENTO	W YORK STATE			
Project: Clarr	nont Quartely	GW	WAS #: n/a	I		Field Person		DO Turbidi (ntu) 1:04 DO Turbidi (ntu) 10.12 0.0 11.08 0.0 1:27			
Location: Old	Bethpage, NY	(W								
Sounding Me	thod: Water Ta	ape	WAS #: n/a Field Personnel: Keith Gandarillas								
Stick Up/Dow	vn (ft): n/a		Gauge Time) : 1:00		Well Diamete	rsonnel: Keith Gandarillas :: Mainly Cloudy 60° :: Mainly Cloudy				
Purge Date:		10/	24/2011		Purge Time:	Field Personnel: Keith Gandarillas					
Project: Clarmont Quartely GW WAS #: n/a Field Personnel: Keith Gandarillas Location: Old Bethpage, NY Well ID.: EW-12D Weather: Mainly Cloudy 60° Sounding Method: Water Tape Gauge Date: 10-24-11 Measurement Ref: Top of Column (TOC) Stick Up/Down (ft): n/a Gauge Time: 1:00 Well Diameter (in): 4" Purge Date: 10/24/2011 Purge Time: 1:04 Purge Method: Bladder (dedicated) Field Technician: Keith Gandarilla: 1) Well Depth (ft): 220 4) Well Diameter (in): 4" 7) Five Well Volumes (gal): 398.18 2) Depth to Water (ft): 98.01 5) Well Volume / Foot (gal) (d²x.0408): 0.6528 3) Height of H ₂ O Column (1-2) (ft): 6) Total Well Volume (gal) (3x5): 79.63 Pump Type: Bladder Water Quality Parameters Time DTW (volume (mu/m) (ft bloc) (illers) (mu/m) (mV) (oC) (uscinity: DO (uscinity: (pH units) (mV) (oC) (uscinity: 111 98.18 220 4.66 299 13.99 0.656 10.12 1:16 98.21 220 4.47 310 13.88 0.655 10.92 1:21 98.22 220 4.44 314 13.83 0.654 11.12						3					
1) Well Depti	Was #: n/a Field Personnel: Keith Gandarillas Field Personnel: Keith Gandarillas Field Personnel: Keith Gandarillas Weather: Mainly Cloudy 60° Well Diameter (in): 4° To Five Well Volumes (gal): 398.18 Water (ft): 98.01 S) Well Volume / Foot (gal) (d²x.0408): 0.6528 Water (ft): 98.01 S) Well Volume (gal) (3x5): 79.63 Pump Type: Bladder Water Quality Parameters DTW										
2) Depth to V	Vater (ft): 98.01	1	WAS #: n/a								
	1 ₂ O Column (1	-2) (ft):		l Volume (gal)	Field Personnel: Keith Gandarillas						
		0.6528									
	(ft btoc)		(mL/m)	·	(mV)			(ug/L)			
				-							
1.20	<u>9</u> გ.∠ა		220	4.47	315	13.85	0.ხეპ	11.08	0.0		
	+ +	·	 	+	<u> </u>	†	 				
	1			†			†	†			
				<u></u>		<u></u>	<u> </u>	† <u> </u>	<u> </u>		
Total Quantit	y of Water Ren	noved (gal):	5,06	30 mL		Sampling T	ime:	1:27			
Samplers:	Keith G	andarillas				Split Sampl	e With:				
											
Sampling Date: 10/24/2011 Sample Type: VOCs					VOCs						
			1:00		20.			0.0 "	511		
· · · · · · · · · · · · · · · · · · ·							ر مام د د د د	6.0=discna	arge DU		
COMMENTS	AND OBSER	VATIONS:	Seems 0	iii. New met	er getting t	Jelivered lai	ter today.				

1 Fairchild	neering, P.0 Square, Si k, NY 1206 7101	uite 110	GF	ROUNDWAT SAMPLING			iid	W YORK STATE		
Project: Clarr	mont Quartely	GW	WAS #: n/a	à		Field Person				
Location: Old	d Bethpage, N	Y	Well ID.: EV	V-13D		Weather: Ma	inly sunny 55	5°		
Sounding Me	ethod: Water T	ape	Gauge Date	: 10-24-11		Measuremer	t Ref: Top of	Column (TOC	:)	
Stick Up/Dow	vn (ft): n/a		Gauge Time	e: 9:56		Well Diamete	er (in): 4"			
Purge Date:		10/	/24/2011		Purge Time:	•		10:00		
Purge Method	d:	Bladde	r (dedicate	d)	Field Techni	cian:	Keith	Gandarilla	 3	
1) Well Depth	n (ft): 350		4) Well Diar	meter (in): 4"		7) Five Well	Volumes (ga	l): 822.85		
2) Depth to V	Vater (ft): 97.9	00	5) Well Volu 0.6528	ume / Foot (gal	l) (d ² x.0408):	Depth/Height	t of Top of P\	/C:		
3) Height of F 252.10	H ₂ O Column (1-2) (ft):		ell Volume (gal)) (3x5):	Pump Type:	Bladder			
				Water Quality Parameters						
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)	
10:05	97.96		220	4.71	242	13.91	0.234	8.74	254.0*	
10:17	97.96		220	4.48	265	14.33	0.268	7.43	10.4	
10:22	97.96		220	4.48	274	14.05	0.251	7.32	10.2	
10:27	97.98		220 220	4.45	282	13.96	0.246	7.39	9.6	
10:32 10:37	98.00 98.01		220	4.46 4.50	290 294	14.02 14.14	0.243 0.241	7.43 7.43	6.4 10.5	
10:37	98.02		220	4.53	296	14.14	0.241	7.43	10.3	
10.42	30.02			4.00	250	14.40	0.200	7.01	10.0	
		<u> </u>								
Total Quantit	y of Water Re	moved (mL):	9,46	60 mL		Sampling T	ime:	10:43		
Samplers:	Koith C	Sandarillas				Split Sampl	o Mith:			
Samplers.	Keitii G	Januaniias				Split Sampi	e wiiii.			
Sampling Da	te:	10/24/201	1			Sample Typ	oe:	VOCs		
T75=psi 5.0=intake 10.0=discharge readings very high, water appears very clear. Checked calibration. COMMENTS AND OBSERVATIONS: Reading 0.0 ntu 10:08. Checked out good.						•				

1 Fairchild	neering, P.0 I Square, S rk, NY 1206 -7101	Suite 110	GF				DEPARTMENT	NIRONMENTAL OZ SE PROVINCIA PROVINCI		
Project: Clar	mont Quartely	GW	WAS #: n/a			Field Person		## Ponk st Gandarillas		
Location: Old	d Bethpage, N	Υ	Well ID.: EW	√-14D		Weather: Mo	stly sunny bre	eezy 60°		
Sounding Me	ethod: Water T	ape	Gauge Date	: 10-25-11		Measuremer	nt Ref: Top of	Column (TOC)	1	
Stick Up/Dov	vn (ft): n/a		Gauge Time	: 1:44		Well Diamete	ər (in): 4"			
Purge Date:		10/	25/2011		Purge Time:			1:51		
Purge Metho	d:	Bladder	(dedicated	d)	Field Technic	cian:	Keith	n Gandarillas	S	
1) Well Depti	า (ft): 195'		4) Well Dian	neter (in): 4"		7) Five Well	Volumes (gal)): 503.96		
Purge Date: 10/25/2011 Purge Time: 1:51 Purge Method: Bladder (dedicated) Field Technician: Keith Gandarii 1) Well Depth (ft): 195' 4) Well Diameter (in): 4" 7) Five Well Volumes (gal): 503.96 2) Depth to Water (ft): 40.60 5) Well Volume / Foot (gal) (d²x.0408): Depth/Height of Top of PVC: 0.6578 3) Height of H ₂ O Column (1-2) (ft): 6) Total Well Volume (gal) (3x5): 100.79 Pump Type: Bladder Water Quality Parameters Time DTW (ft btoc) (iters) (mL/m) (pH units) (mV) (oC) (uS/cm) (uS/cm) (ug/L) 1:55 40.64 190 5.04 221 12.73 0.116 6.17 2:00 40.64 190 4.82 239 12.47 0.117 5.70 2:05 40.64 190 4.80 246 12.29 0.119 5.45							C:			
3) Height of I 154.40	H₂O Column (1-2) (ft):	WAS #: n/a							
			,	Water Qualit	y Paramete	neters Temperature Conductivity: DO Turb				
						(oC)		_	Turbidity (ntu)	
	-			_				-	1.8	
		 					7		2.0	
		 					7			
2:10 2:15	40.64 40.64	 	190							
۷.۱۷	40.04		100	4.01	200	14.01	<u> </u>	5.51	1.0	
		<u> </u>					<u> </u>	<u> </u>		
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	 	<u> </u>	<u> </u>		<u> </u>	
Total Quantit	ty of Water Re	moved (mL):	4,75	50		Sampling T	îme:	2:16		
Samplers: Keith Gandarillas Split Sampl							e With:			
						_ <u></u>		<u> </u>		
Sampling Da	te:	10/25/201	1			Sample Typ	oe:	VOCs		
			105=psi		8.5=i	ntake		6.5=disch	arge	
COMMENTS	S AND OBSER	RVATIONS:				-intaise 0.5-uiscriarge				

1 Fairchild	neering, P.0 Square, S k, NY 1206 7101	uite 110	G	ROUNDWAT SAMPLING			~	W YORK STATE	
Project: Clarr	mont Quartely	GW	WAS #: n/a	l		Field Person			
Location: Old	l Bethpage, N	Y	Well ID.: LF	-02		Weather: Te	mp @ 52° an	d cloudy	
Sounding Me	ethod: Water T	ape	Gauge Date	e: 10-27-11		Measuremer	nt Ref: Top of	Column (TOC))
Stick Up/Dow	vn (ft): n/a		Gauge Time	e :		Well Diamete	er (in): 6"		
Purge Date:		10/	27/2011		Purge Time:	<u> </u>			
Purge Metho	d:	Lo	w Flow		Field Techni	cian:			
1) Well Depth	n (ft): 102'		4) Well Diar	neter (in): 6"	•	7) Five Well	Volumes (gal):	
2) Depth to V	Vater (ft): 51.6	60	5) Well Volu	ıme / Foot (gal) (d ² x.0408):	Depth/Heigh	t of Top of P\	/C:	
3) Height of I	H ₂ O Column (1-2) (ft):	6) Total We	ll Volume (gal)	(3x5):	Pump Type:	Bladder used	l at well	
				Water Qualit	y Paramete	ers			
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)
7:35	51.60		230	6.40	221	16.8	0.388	5.76	87.5
7:40	51.60		230	6.41	215	16.7	0.390	5.29	99.9
7:45	51.60		230	6.43	206	16.8	0.392	5.08	180.0
7:50	51.60		230	6.44	199	17.1	0.390	4.92	366.0
7:55	51.60		230	6.44	197	17.0	0.390	4.89	213.0
8:00	51.60		230	6.45	103	17.1	0.389	4.84	245.0
8:20				CL	<u>EANED C</u>	<u> </u>			25.2
						-			
8:23 8:26						+			24.9 37.4
0.20									37.4
	•	•	•	1		•			•
Total Quantit	y of Water Re	moved (gal):	3 ga	als		Sampling T	ime:	8:30	
Samplers:						Split Sampl	e With:	-	
Sampling Da	te:	10/26/201	1			Sample Typ	oe:	Grab	
		l				1		1	
			Water h		tint to it. Bu	ut not to the	point whe	re turbidity s	should be

COMMENTS AND OBSERVATIONS:

1 Fairchild	neering, P.C I Square, Su rk, NY 12065 7101	uite 110	GF	ROUNDWAT SAMPLING		TO THE TONK STAFF.					
Project: Clarr	mont Quartely (ЭW	WAS #: n/a			Field F	Personr	nel: Keith Gar	ıdarillas		
Location: Old	Bethpage, NY	,	Well ID.: MV	V-6D		Weath	er: Ove	ercast 60°			
Sounding Me	ethod: Water Ta	аре	Gauge Date	: 10-26-11		Measu	ırement	Ref: Top of	Column (TOC)		
Stick Up/Dow	/n (ft): n/a		Gauge Time	: 12:57		Well Diameter (in): 4"					
Purge Date:		10/	26/2011		Purge Time:				1:06		
Purge Metho	d:	Bladd	er (PVC-2)		Field Technic	cian:		Keith	Gandarillas	;	
1) Well Depth	า (ft): 190		4) Well Diam	neter (in): 4"		7) Five Well Volumes (gal): 305.39					
2) Depth to W	Vater (ft): 95.21	I	5) Well Volu 0.6578	ıme / Foot (gal)) (d ² x.0408):	Depth/	/Height	of Top of PV	C:		
, , , , , , , , , , , , , , , , , , ,							-2)				
				Water Quality	y Paramete	ers					
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)		erature C)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)	
1:10	95.40		280	6.06	62	15	.73	2.03	3.55	15.2	
1:15	95.40		280	6.17	31		.66	2.61	1.54	18.4	
1:20	95.40		280	6.18	19		.68	2.73	0.81	26.8	
1:25	95.40		280	6.18	13		.70	2.76	0.59	34.9	
1:30	95.40		280	6.18	9		.77	2.77	1.14	67.2	
1:35	95.40		280	6.18	9		.72	2.78	1.44	79.7	
1:40	95.40		280	6.17	4		.73	2.80	1.69	92.8	
1:45	95.40		280	6.16	-1		.73	2.91	2.11	95.1	
1:50	95.40		280	6.16	-4	_	.74	2.96	2.39	117.0	
1:55	95.41		280	6.15	-11	_	.75	3.03	2.68	121.0	
2:00	95.41		280	6.16	-27	15	.76	3.07	2.76	133.0	
Total Quantit	y of Water Rem	noved (mL):	21,0	000		Samp	pling Ti	me:	2:21		
Samplers:	Keith G	Sandarillas				Split	Sample	e With:			
Sampling Da	te:	10/26/201 ²	1			Samp	ple Typ	e:	VOCs and	TOB	
COMMENTS	S AND OBSERV	VATIONS:		t appear to bg. Will use s	be that high		sible r	•		-	

HRP Engir 1 Fairchild Clifton Par (518) 877-	Square, S k, NY 120	Suite 110	Gl					DEPARTMENT OF ASSESSED OF THE OFFICE OF THE OFFICE OF THE OFFICE	W YORK STATE.	
Project: Clarr	mont Quartely	y GW	WAS #: n/a	I ID.: MW-8A Weather: Raining, cloudy Ige Date: Measurement Ref: Top of Column (TOC) Ige Time: Well Diameter (in): 4" Idow Field Technician: Idow Field Technician						
Location: Old	Bethpage, N	1Y	Well ID.: MV	N-8A		Weath	er: Raiı	ning, cloudy		
Sounding Me	thod: Water	Таре	Gauge Date) :		Measu	ırement	Ref: Top of	Column (TOC)	
Stick Up/Dow	ın (ft): n/a		Gauge Time	e :		Well D	iamete	r (in): 4"		
Purge Date:		10/2	27/2011		Purge Time:					
Purge Metho	d:	Lo	w Flow		Field Techni	ician:				
1) Well Depth	n (ft): 90.0		4) Well Dian	neter (in): 4"		7) Five	e Well V	olumes (gal): 68	
2) Depth to V	Vater (ft): 69.3	33) (d ² x.0408):	Depth	/Height	of Top of PV	/C:			
3) Height of F 20.67	H ₂ O Column	(1-2) (ft):	6) Total We	ll Volume (gal)	(3x5): 13.60	Pump	Type: F	PVC Bladder		
			6) Total Well Volume (gal) (3x5): 13.60 Pump Type: PVC Bladder Water Quality Parameters Rate pH ORP Temperature Conductivity: DO							
Time (hrs)	DTW (ft btoc)	Volume (liters)	(mL/m)	(pH units)	(mV)	(0	C)	(uS/cm)	(ug/L)	Turbidity (ntu)
11:20	69.33								_	426.0
11:25	69.33 69.33									
11:30 11:35	69.33					_				
11:40	69.33		220							
11:45	69.33		220							179.0
Total Quantit	y of Water Re	emoved (gal):	2 ga	als		Sam	pling Ti	me:	11:50	
Samplers:						Split	Sample	e With:	ТОВ	
Sampling Date: 10/27/2011					Sam	ple Typ	e:	Grab VOC		
COMMENTS	AND OBSE	RVATIONS:								

HRP Engir 1 Fairchild Clifton Par (518) 877-	Square, S k, NY 1200 7101	Suite 110 65		SAMPLING				PEPATMENT STATE	W YORK STATE	
Project: Clarr	nont Quartely	/ GW	WAS #: n/a							
Location: Old	Bethpage, N	IY	Well ID.: MV	V-8B		Weath	er:			
Sounding Me	thod: Water	Гаре	Gauge Date	:		Measu	rement	Ref:		
Stick Up/Dow	ın (ft): n/a		Gauge Time	2 :		Well D	iamete	r (in): 4"		
Purge Date:		10/	27/2011		Purge Time:					
Purge Method	d:	Slo	Slow Flow Field Technician: 4) Well Diameter (in): 4" 7) Five Well Volumes (gal): 299							
1) Well Depth	n (ft): 160'		4) Well Dian	neter (in): 4"		7) Five	Well \	/olumes (gal)): 299	
2) Depth to W	/ater (ft): 68.4	46	5) Well Volume / Foot (gal) (d ² x.0408): Depth/Height of Top of PVC:					′C:		
3) Height of H 91.54	H ₂ O Column ((1-2) (ft):	6) Total We	l Volume (gal)	Measurement Ref:					
				Water Qualit	y Paramete	ers	nperature Conductivity: DO T			
Time (hrs)	DTW (ft btoc)	Volume (liters)								Turbidity (ntu)
12:40	68.45		210	-		_				56.9
12:45	69.49									46.2
12:50	69.52									52.3
12:55	69.52									45.8
13:00	69.52		210				.9	41.6	6.17	60.0
12,02				CL	<u>-EANED CI</u>	<u>ELL</u> T				4.0*
13:03 13:06	<u> </u>		1	+					1	
13:09				1						2.6
Total Quantity	y of Water Re	emoved (gal):				Samp	ling Ti	me:	13:14	
Samplers:						Split S	Sample	e With:	ТОВ	
Sampling Dat	te:	10/27/201	1			Samp	ole Typ	e:	Grab VOC	
COMMENTS	'S AND OBSERVATIONS:									

1 Fairchild	neering, P.0 I Square, S rk, NY 1206 -7101	Suite 110	Gl	ROUNDWAT SAMPLING			PEPARTMENT OF THE PARTMENT OF	NIRONMENTO, OZ SE PROVINCIA			
Project: Cları	mont Quartely	[/] GW	WAS #: n/a	t		Field Person					
Location: Old	d Bethpage, N	Υ	Well ID.: MW-8C Gauge Date: 10-27-11 Measurement Ref: Top of Column (TOC) Gauge Time: 7:30 Well Diameter (in): 4" 10/27/2011 Purge Time: 7:43 Bladder (PVC-2) Field Technician: Keith Gandarillas 4) Well Diameter (in): 4" 7) Five Well Volumes (gal): 589.12 5) Well Volume / Foot (gal) (d²x.0408): Depth/Height of Top of PVC: 0.6578								
Sounding Me	ethod: Water T	Гаре	Gauge Date	e: 10-27-11	-	Measuremen	t Ref: Top of	Column (TOC)			
Stick Up/Dov	vn (ft): n/a		Gauge Time	ə: 7:30		Well Diamete	er (in): 4"				
Purge Date:		10/	27/2011		Purge Time:			7:43			
Purge Metho	d:	Bladd	er (PVC-2))	Field Technic	cian:	Keith	Gandarillas	3		
Purge Method: Bladder (PVC-2) Field Technician: Keith Gandarillas 1) Well Depth (ft): 250 4) Well Diameter (in): 4" 7) Five Well Volumes (gal): 589.12 2) Depth to Water (ft): 69.51 5) Well Volume / Foot (gal) (d²x.0408): Depth/Height of Top of PVC: 0.6578 3) Height of H ₂ O Column (1-2) (ft): 6) Total Well Volume (gal) (3x5): 117.82 Pump Type: Bladder (PVC-2) Water Quality Parameters Time DTW Volume Rate pH ORP Temperature Conductivity: DO											
2) Depth to V	Vater (ft): 69.5	51		ıme / Foot (gal)) (d ² x.0408):	Depth/Height	of Top of PV	C:			
3) Height of I 180.49	_{1₂} O Column (1-2) (ft):	6) Total Wel	ll Volume (gal)	Field Personnel: Keith Gandarillas Weather: Rain 50° Measurement Ref: Top of Column (TOC) Well Diameter (in): 4" Purge Time: 7:43 Field Technician: Keith Gandarillas 7) Five Well Volumes (gal): 589.12 1) (d²x.0408): Depth/Height of Top of PVC: (3x5): 117.82 Pump Type: Bladder (PVC-2) Ty Parameters ORP Temperature Conductivity: DO Turbidity						
				Water Qualit	y Paramete	rs	pe: Bladder (PVC-2) ure Conductivity: DO Turbidity (us/cm) (ug/L) (ntu)				
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)		(oC)		_	Turbidity (ntu)		
7:48	69.73		220	5.43	62			_			
7:53	69.73		220	5.22	115			_	5.8		
7:58	69.74	<u> </u>	220	5.30							
8:03	69.74		220	5.39							
8:08	69.74		220	5.43							
8:13	69.74		220	5.49	140	13.12	0.132	0.00	3.3		
	 	 	 	+	<u> </u>	<u> </u>	<u> </u>		<u> </u>		
							<u>-</u>				
Total Quantit	ty of Water Re	moved (mL):	6,82	20		Sampling T	ime:	8:14			
Samplers:	Keith (Gandarillas				Split Sampl	e With:	1			
Sampling Da	te:	10/27/201	1			Sample Typ	oe:	VOCs and	ТОВ		
80=psi 8.4						–intake		6 5=disch	arne		
COMMENTS	S AND OBSER	RVATIONS:	00 <u>-</u> psi		0.0-	ช.อ=intake 6.5=discharge					

1 Fairchild Clifton Par (518) 877-		uite 110 5	Gf					Y.,		
Project: Clarr	mont Quartely (ЗW	WAS #: n/a	Well ID.: MW-10B Weather: Mostly sunny breezy 55-60° Gauge Date: 10-25-11 Measurement Ref: Top of Column (TOC) Gauge Time: 11:18 Well Diameter (in): 4" 5/2011 Purge Time: 11:28 r (PVC-4) Field Technician: Keith Gandarillas 4) Well Diameter (in): 4" 7) Five Well Volumes (gal): 286.24 5) Well Volume / Foot (gal) (d²x.0408): Depth/Height of Top of PVC: 0.6528						
Location: Old	l Bethpage, NY	<i>;</i>	Well ID.: MV	V-10B		Weath	er: Mos	stly sunny bre	ezy 55-60°	
Sounding Me	thod: Water Ta	аре	Gauge Date	: 10-25-11	-	Measu	ırement	t Ref: Top of	Column (TOC)	
Stick Up/Dow	n (ft): n/a		Gauge Time	e: 11:18		Well D	iamete	r (in): 4"		
Purge Date:		10/:	25/2011		Purge Time:				11:28	
Purge Method	d:	Bladdo	er (PVC-4))	Field Techni	cian:		Keith	Gandarillas	3
1) Well Depth (ft): 178 4) Well Diameter (in): 4" 7) Five Well Volumes (gal): 286.24 2) Depth to Water (ft): 96.43 5) Well Volume / Foot (gal) (d²x.0408): Depth/Height of Top of PVC: 0.6528										
2) Depth to W	/ater (ft): 96.43	3		ime / Foot (gal)	(d ² x.0408):	Depth/	/Height	of Top of PV	C:	
3) Height of H 81.57	I ₂ O Column (1-	-2) (ft):	WAS #: n/a Field Personnel: Keith Gandarillas							
		Water Quality Parameters								
Time (hrs)	DTW (ft btoc)	Volume (liters)		(pH units)					(ug/L)	
11:30	96.38		220			13	.10	0.437		0.3
11:35	96.73									
11:40	97.01									1
11:45	97.19									
11:50	97.34									
11:55 12:00	97.39 97.51									
12.00	97.51		100	3.16	230	13	.12	0.430	0.69	0.0
Total Quantity	y of Water Rem	noved (mL):	5,70)0		Sam	pling Ti	me:	12:01	
Samplers:	Keith G	andarillas				Split	Sample	∍ With:		
Sampling Dat	te:	10/25/2011	 1			Sam	ple Typ	e:	VOCs and	TOB
						Table 1963				
COMMENTS	AND OBSER\	VATIONS:		to maintain (iteria.		6.5=disch	arge

1 Fairchild	neering, P.C Square, Suk, NY 1206 7101	uite 110	GF	ROUNDWAT SAMPLING		TOOM STATE TOOM STATE					
Project: Clarr	mont Quartely	GW	WAS #: n/a	l		Field F	Personr	nel: Keith Gai			
Location: Old	Bethpage, NY	(Well ID.: MV	V-10C		Weath	ner: Sur	nny, breezy 5	5°		
Sounding Me	thod: Water Ta	ape	Gauge Date	: 10-25-11		Measu	uremen	t Ref: Top of	Column (TOC)		
Stick Up/Dow	/n (ft): n/a		Gauge Time	e: 10:20		Well D	Diamete	r (in): 4"			
Purge Date:		10/:	25/2011		Purge Time:				10:30		
Purge Method	d:	Bladde	er (PVC-2))	Field Technic	cian:		Keith	Gandarillas	3	
1) Well Depth	า (ft): 278		4) Well Dian	neter (in): 4"		7) Five Well Volumes (gal): 595.42					
2) Depth to W	Vater (ft): 95.58	3	5) Well Volume / Foot (gal) (d ² x.0408): 0.6528				/Height	of Top of PV	'C:		
3) Height of H 182.42	H ₂ O Column (1	-2) (ft):		/ell Volume (gal) (3x5): 119.08 Pump Type: Bladder (PVC-2)							
				Water Qualit	y Paramete	ers					
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)		erature C)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)	
10:34	95.62		280	4.87	241	12	.86	0.476	12.67	74.3*	
10:39	95.62		280	4.86	253	_	.88.	0.503	11.91	117.0	
10:44	95.62		280	4.86	261		.89	0.501	10.73	154.0	
10:49	95.62		280	4.86	266		.90	0.496	12.28	212.0	
10:54	95.62		280	4.87	272	_	.93	0.501	12.87	34.6	
10:59	95.62		280	4.88	275		.94	0.500	12.86	40.9	
11:04	95.62		280	4.88	278	12	.96	0.509	12.93	27.2	
Total Quantity	y of Water Ren	noved (mL):	9,80)0		Sam	pling Ti	me:	11:05		
Samplers:	Keith G	Sanderillas				Split	Sample	e With:			
									l		
Sampling Dat	te:	10/25/2011	1			Sam	ple Typ	e:	VOCs and	ТОВ	
COMMENTS	AND OBSER	VATIONS:	126=psi 9.0=ir meter just calibrated. Turb seer Another problematic meter will indicating another >50 ntu.						•	<10 ntu.	

1 Fairchild	neering, P.C I Square, Su rk, NY 1206 -7101	uite 110	Gł	ROUNDWAT SAMPLING			OEPARTMENT SA				
Project: Cları	mont Quartely (GW	WAS #: n/a	1		Field Person	nel: Keith Gai				
Location: Old	d Bethpage, NY	/	Well ID.: MV	V-10D		Weather: Su	nny 50-55°				
Sounding Me	ethod: Water Ta	ape	Gauge Date	: 10-25-11		Measurement Ref: Top of Column (TOC)					
Stick Up/Dov	Jp/Down (ft): n/a Gauge Time: 8:43 Well Diameter (in): 4"										
Purge Date:		10/	/25/2011		Purge Time:			8:53			
Purge Metho	d: Bladder (PVC-2) Field Technician: Keith Gandarilla					S					
1) Well Depti	า (ft): 351		4) Well Diameter (in): 4"			7) Five Well Volumes (gal): 498.73					
2) Depth to V	Vater (ft): 96.34	4	5) Well Volume / Foot (gal) (d ² x.0408): 0.6525			Depth/Height of Top of PVC:					
3) Height of H ₂ O Column (1-2) (ft): 254.66			6) Total Well Volume (gal) (3x5): 166.24			Pump Type: Bladder					
		·	·	Water Quality	y Paramete	rs					
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)		
8:58	96.38		220	5.72	288	12.40	0.251	8.24	7.8		
9:03	96.38		220	5.22	241	12.52	0.271	4.34	56.4*		
9:08	96.38		220	5.03	261	12.56	0.271	4.69	708.0		
9:13	96.38		220	4.86	277	12.58	0.274	5.19	728.0		
9:18	96.38		220	4.77	288	12.58	0.279	5.66	358.0		
9:23	96.38		220	4.73	297	12.62	0.281	5.95	38.8		
9:28	96.38		220	4.68	203	12.61	0.283	6.14	38.2		
9:33	96.38		220	4.67	307	12.62	0.284	6.16	34.8		
Total Quantity of Water Removed (mL):			9,020			Sampling T	ïme:	9:34			
Samplers: Keith Gandarillas							Split Sample With:				
Sampling Da	Sampling Date: 10/25/201			1			Sample Type: VOCs and TOB				
COMMENTS	S AND OBSER	VATIONS:	145=psi probe m today.	nalfunctionin		5=intake oears <10 r	ntu. Getting		arge Turb delivered		

	Square, S k, NY 1206	uite 110	Gl	ROUNDWAT SAMPLING			<u> </u>	r, slightly cooler ef: Top of Column (TOC)			
Project: Clarr	ng Method: Water Tape Gauge Date: 10-24-11 Measuren D/Down (ft): n/a Gauge Time: 12:30 Well Diam Date: 10/24/2011 Purge Time: Method: Low Flow Field Technician: Depth (ft): 70.99 4) Well Diameter (in): 4" 7) Five W							- Office			
Location: Old	Bethpage, N	Y	Well ID.: SV	V-1		Weather: Cloudy, slightly cooler					
Sounding Me	thod: Water T	ape	Gauge Date	e: 10-24-11		Measuremen	t Ref: Top of	cooler Column (TOC) 12:30): 15.8			
Stick Up/Dow	ın (ft): n/a		Gauge Time	e: 12:30		Well Diamete	er (in): 4"				
Purge Date:		10/	24/2011		Purge Time:			12:30			
Purge Method: Low Flow Field Technician					ician:	ian:					
1) Well Depth	n (ft): 70.99		4) Well Dian	neter (in): 4"		7) Five Well Volumes (gal): 15.8					
2) Depth to V	Vater (ft): 66.1	3	5) Well Volume / Foot (gal) (d ² x.0408): 0.6528			Depth/Height of Top of PVC:					
3) Height of H	H₂O Column (′	1-2) (ft): 4.86	6) Total Well Volume (gal) (3x5): 3.17			Pump Type: Bladder					
				Water Qualit	y Paramete	ers					
Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)		Turbidity (ntu)		
12:00	66.13	0.50	230	4.83	302	13.6	25.6	8.64	4.6		
12:05	66.13	0.50	230	4.83	305	13.7	24.4	7.64	5.2		
12:10	66.13	0.50	230	4.83	305	13.8	24.4	7.58	5.1		
12:15	66.13	0.50	230	4.81	307	13.8	23.7	6.96	6.8		
12:20	66.13	0.50	230	4.80	308	13.7	23.3	6.79			
12:25	66.13	0.50	230	4.80	308	13.8	23.1	Cooler f Column (TOC) 12:30 DO ((ug/L)) 8.64 7.64 7.58 6.96 6.79	7.9		
Total Quantity	y of Water Re	moved (gal):	3 ga	als		Sampling T	ime:	12:30			
Samplers:						Split Sampl	e With:	-			
						1-1 34		<u> </u>			
Sampling Da	Sampling Date: 10/24/201					Sample Typ	oe:	Grab VOC	; 		
COMMENTS	AND OBSER	VATIONS:									

Project: Clarmont Quartely GW	1 Fairchild	neering, P.C Square, St k, NY 1206 7101	ite 110	Gl	ROUNDWAT SAMPLING				y and cool at 52° ef: Top of Column (TOC) n): 4" 40.0\20.0		
Sounding Method: Water Tape Gauge Date: 10-26-11 Measurement Ref: Top of Column (TOC)	Project: Clarr	mont Quartely	GW	WAS #: n/a	l		Field Person	rsonnel: : Cloudy and cool at 52° :ment Ref: Top of Column (TOC) meter (in): 4" 40.0\20.0 Vell Volumes (gal): eight of Top of PVC: //pe: Grab ure			
Stick Up/Down (ft): n/a Gauge Time: 10:05 Well Diameter (in): 4"	Location: Old	Bethpage, NY	,	Well ID.: W	Γ-01		Weather: Clo	udy and cool	at 52°		
Purge Date: 10/26/2011	Sounding Me	Method: Water Tape		Gauge Date	e: 10-26-11		Measuremen	t Ref: Top of	Cool at 52° Op of Column (TOC) Op of Column (TOC) Op of PVC: Op of PVC:		
Purge Method: Low Floor Field Technician:	Stick Up/Dow	ın (ft): n/a		Gauge Time	e: 10:05		Well Diamete	er (in): 4"			
1) Well Depth (ft): 107.0"	Purge Date:		10/	26/2011		Purge Time:	:	4	10.0\20.0		
2) Depth to Water (ft): 96.50 5) Well Volume / Foot (gal) (d²x.0408): Depth/Height of Top of PVC: 3) Height of H ₂ O Column (1-2) (ft): 6) Total Well Volume (gal) (3x5): Pump Type: Grab Water Quality Parameters Time DTW Volume Rate pH ORP Temperature Conductivity: (uScm) (ug/L) (ntu) 9:25 96.50 0.50 200 5.81 285 13.7 61.2 11.16 9.7 9:30 96.50 0.50 200 5.91 318 14.01 59.9 10.48 9.6 9:35 96.50 0.50 200 5.00 331 14.01 59.6 10.55 11.6 9:40 96.50 0.50 200 4.91 341 14.01 59.4 10.53 12.0 9:45 96.50 0.50 200 4.85 345 14.01 59.2 10.55 14.0 9:45 96.50 0.50 200 4.75 355 14.01 59.2 10.55 14.0 9:55 96.50 0.50 200 4.77 356 14.1 59.2 10.53 17.6 10:00 96.50 0.50 200 4.74 361 14.1 59.2 10.53 17.6 Total Quantity of Water Removed (gal): 4 gals Sampling Time: Spilt Sample With: No problem at well.	Purge Metho	d:	Lo	w Floor		Field Techn	echnician:				
3) Height of H ₂ O Column (1-2) (ft): (b) Total Well Volume (gal) (3x5): Water Quality Parameters Time	1) Well Depth	n (ft): 107.0"		4) Well Dian	neter (in): 4"	1	7) Five Well \	√olumes (gal):		
Water Quality Parameters Time DTW (fit bloc) (fiters) (fit bloc) (fiters) (fit bloc) (fiters) (fit bloc) (fit blo	2) Depth to V	Vater (ft): 96.50)	5) Well Volume / Foot (gal) (d²x.0408):			Depth/Height of Top of PVC:				
Time (hrs) DTW (ft btoc) Volume (fit btoc) Rate (mL/m) pH (pH units) ORP (mV) Temperature (oC) Conductivity: (uS/cm) DO (ug/L) Truthidity (ntu) 9:25 96.50 0.50 200 5.81 285 13.7 61.2 11.16 9.7 9:30 96.50 0.50 200 5.19 318 14.01 59.9 10.48 9.6 9:35 96.50 0.50 200 5.00 331 14.01 59.9 10.48 9.6 9:40 96.50 0.50 200 4.91 341 14.01 59.9 10.55 11.6 9:45 96.50 0.50 200 4.85 345 14.01 59.2 10.55 14.1 9:50 96.50 0.50 200 4.75 355 14.01 59.2 10.46 16.5 9:55 96.50 0.50 200 4.77 356 14.1 59.2 10.53 17.6 10:00	3) Height of H ₂ O Column (1-2) (ft):			6) Total Well Volume (gal) (3x5):			Pump Type: Grab				
(fit btoc) (fit btoc) (fiters) (mL/m) (pH units) (mV) (oC) (uS/cm) (ug/L) (ntt) 9:25 96.50 0.50 200 5.81 285 13.7 61.2 11.16 9.7 9:30 96.50 0.50 200 5.19 318 14.01 59.9 10.48 9.6 9:35 96.50 0.50 200 5.00 331 14.01 59.6 10.55 11.6 9:40 96.50 0.50 200 4.91 341 14.01 59.4 10.53 12.0 9:45 96.50 0.50 200 4.85 345 14.01 59.2 10.55 14.1 9:50 96.50 0.50 200 4.75 355 14.01 59.2 10.55 14.1 9:55 96.50 0.50 200 4.77 356 14.1 59.2 10.53 17.6 10:00 96.50 0.50 200 4.74 361 14.1 59.2 10.46 20.4 Total Quantity of Water Removed (gal): 4 gals Sampling Time: 10:05 No problem at well. Sample Type: Grab					Water Qualit	y Paramete	ers				
9:30 96.50 0.50 200 5.19 318 14.01 59.9 10.48 9.6 9:35 96.50 0.50 200 5.00 331 14.01 59.6 10.55 11.6 9:40 96.50 0.50 200 4.91 341 14.01 59.4 10.53 12.0 9:45 96.50 0.50 200 4.85 345 14.01 59.2 10.55 14.1 9:50 96.50 0.50 200 4.75 356 14.1 59.2 10.46 16.5 9:55 96.50 0.50 200 4.77 356 14.1 59.2 10.53 17.6 10:00 96.50 0.50 200 4.74 361 14.1 59.2 10.46 20.4 Total Quantity of Water Removed (gal): 4 gals Sampling Time: 10:05 Samplers: Sample With: -					· ·						
9:35	9:25	96.50	0.50	200	5.81	285	13.7	61.2	11.16	9.7	
9:40 96.50 0.50 200 4.91 341 14.01 59.4 10.53 12.0 9:45 96.50 0.50 200 4.85 345 14.01 59.2 10.55 14.1 9:50 96.50 0.50 200 4.75 355 14.01 59.2 10.46 16.5 9:55 96.50 0.50 200 4.77 356 14.1 59.2 10.53 17.6 10:00 96.50 0.50 200 4.74 361 14.1 59.2 10.46 20.4 Total Quantity of Water Removed (gal): 4 gals Sampling Time: 10:05 Samplers: Samplers: Split Sample With: - Sample Type: Grab		96.50	0.50	200							
9:45 96.50 0.50 200 4.85 345 14.01 59.2 10.55 14.1 9:50 96.50 0.50 200 4.75 355 14.01 59.2 10.46 16.5 9:55 96.50 0.50 200 4.77 356 14.1 59.2 10.53 17.6 10:00 96.50 0.50 200 4.74 361 14.1 59.2 10.46 20.4 Total Quantity of Water Removed (gal): 4 gals Sampling Time: 10:05 Sample With: - Sample Type: Grab No problem at well.											
9:50 96.50 0.50 200 4.75 355 14.01 59.2 10.46 16.5 9:55 96.50 0.50 200 4.77 356 14.1 59.2 10.53 17.6 10:00 96.50 0.50 200 4.74 361 14.1 59.2 10.46 20.4 Total Quantity of Water Removed (gal): 4 gals Sampling Time: 10:05 Samplers: Split Sample With: - Sample Type: Grab No problem at well.		96.50	0.50	200		1	_				
9:55 96.50 0.50 200 4.77 356 14.1 59.2 10.53 17.6 10:00 96.50 0.50 200 4.74 361 14.1 59.2 10.46 20.4 Total Quantity of Water Removed (gal): 4 gals Sampling Time: 10:05 Samplers: Sample Type: Grab No problem at well.		+									
10:00 96.50 0.50 200 4.74 361 14.1 59.2 10.46 20.4											
Samplers: Sampler Sample With: Sample Type: Grab No problem at well.		+									
Samplers: Sampler Sample With: Sample Type: Grab No problem at well.											
Sampling Date: Sample Type: Grab No problem at well.	Total Quantit	y of Water Rer	noved (gal):	4 ga	als		Sampling T	ime:	10:05		
No problem at well.	Samplers:						Split Sample	e With:	-		
	Sampling Da	te:					Sample Typ	oe:	Grab		
	001414515	AND COOPER	(ATIONIC	No prob	lem at well.						