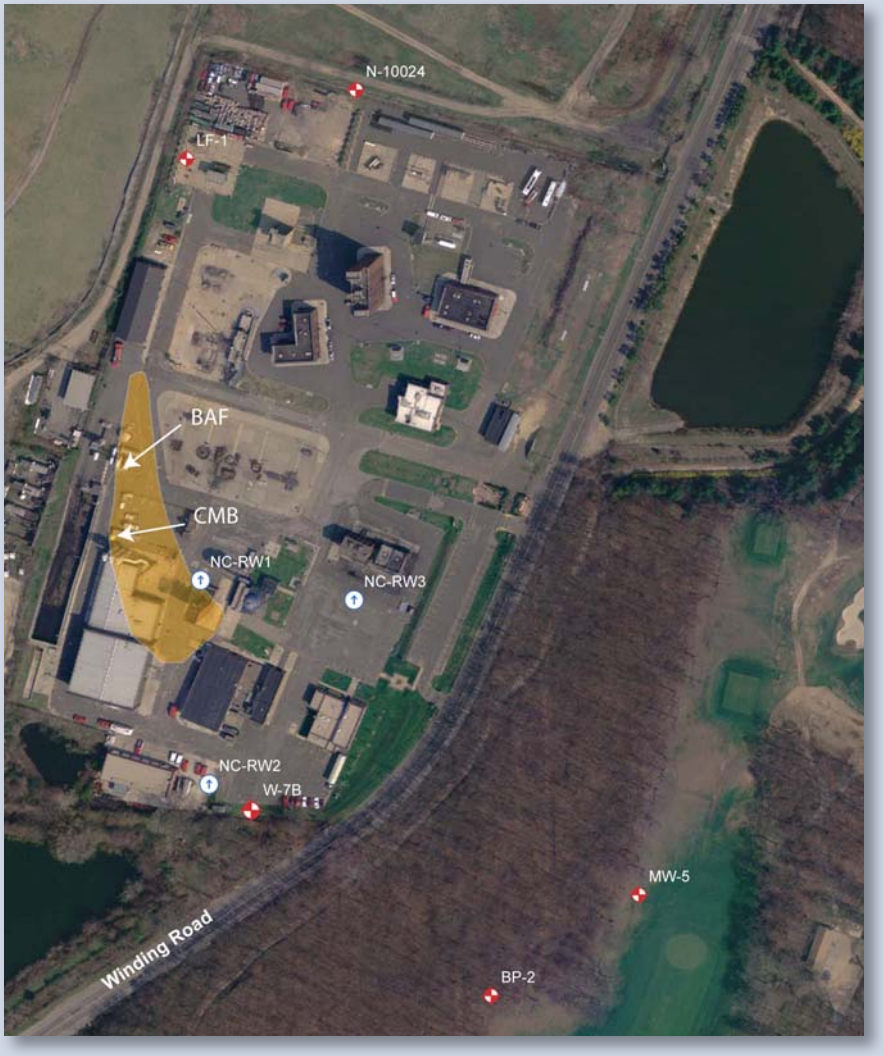
County of Nassau
Department of Public Works

Fireman's Training Center

Evaluation of Groundwater Treatment Status and Achievement of System Termination Criteria



October 2011

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FIREMAN'S TRAINING CENTER

EVALUATION OF GROUNDWATER TREATMENT STATUS AND ACHIEVEMENT OF SYSTEM TERMINATION CRITERIA

Prepared for:

NASSAU COUNTY DEPARTMENT
OF PUBLIC WORKS

Prepared by:

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WOODBURY, NEW YORK

OCTOBER 2011

FIREMAN'S TRAINING CENTER
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1.0 INTRODUCTION

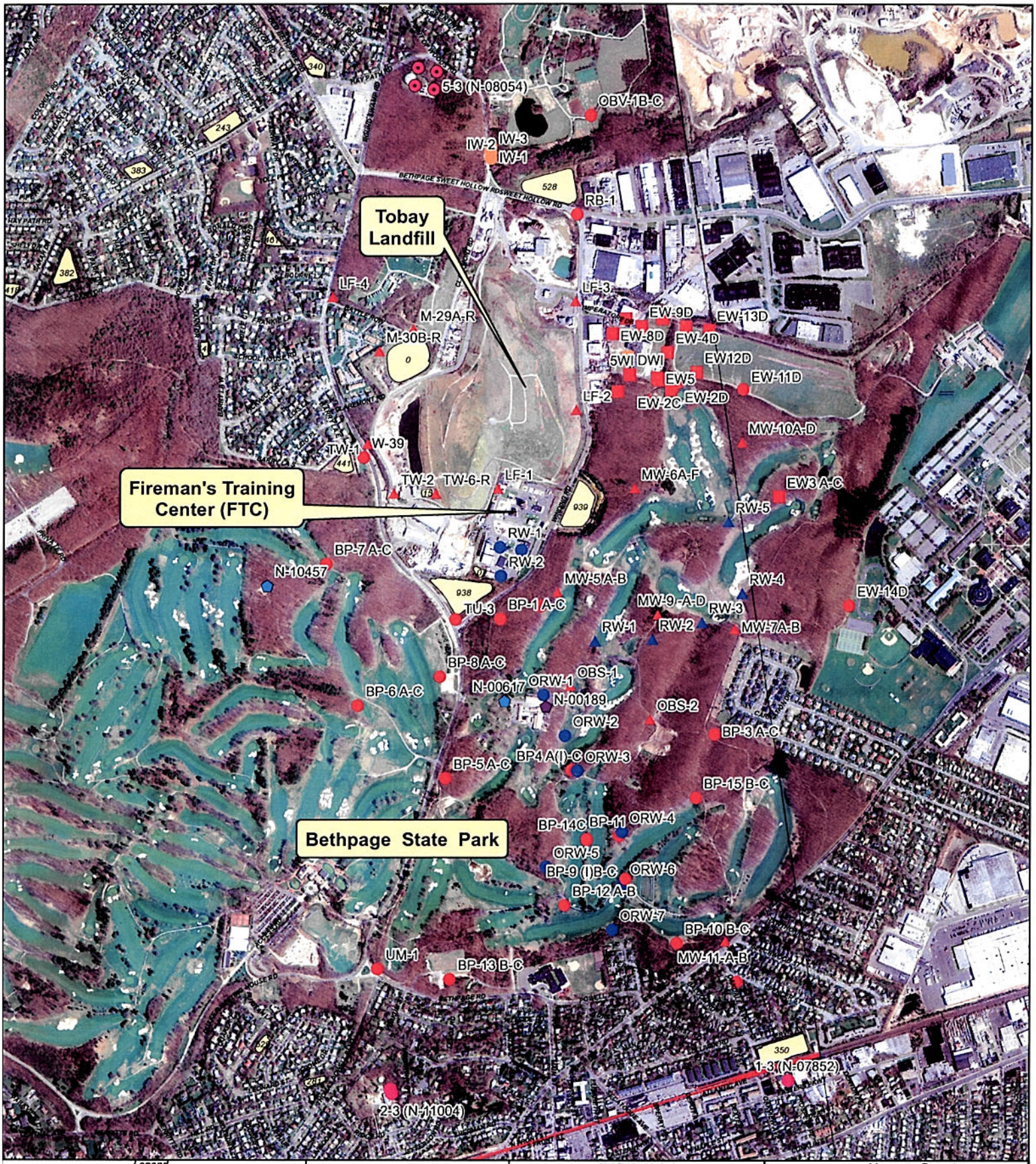
Since 1999, the Nassau County Department of Public Works (the County) has been operating a groundwater treatment system for the Fireman's Training Center (FTC), located in Old Bethpage, New York. In January 2011, Dvirka and Bartilucci Consulting Engineers (D&B) was retained by the County to evaluate the status of groundwater treatment at the FTC, including a review of the termination criteria for the remedial system as outlined in the September 1994 Remediation Monitoring Plan and an evaluation of the associated groundwater monitoring database. The objective of this assignment was to determine if the original termination criteria for the groundwater treatment system had been achieved and to provide recommendations to the County with regard to the future operation of the system. This report presents the findings, conclusions and recommendations of D&B's evaluation.

1.1 Site Description and Remediation History

The following is a brief description of the FTC and a discussion of the remediation activities at the facility. Please refer to the County's 2011 Periodic Review Report (PRR) for additional detail.

The FTC is located on a 12-acre site along Winding Road near Round Swamp Road in Old Bethpage, New York. A map of the study area is provided as Figure 1-1. It is bordered to the north and west by Old Bethpage Landfill and to the south and east by Bethpage State Park. The site has been used since 1960 for fire fighting training exercises conducted in open burn areas and building mock-ups. Between 1970 and 1980, waste solvents, in addition to fuel oil and gasoline, were accepted at the site for use in training. Since 1980, training has been conducted using only fuel oil and gasoline.

Groundwater contamination resulted from training exercises conducted through the mid-1980's. In the open burn areas, fuel was poured directly onto the ground. In the building mock-ups, unburned fuel and solvents were mixed with fire fighting and wash water and flowed into


Tobay Landfill
Fireman's Training Center (FTC)
Bethpage State Park
5-3 (N-08054)
OBV-1B-C
IW-2
IW-3
IW-1
BETHPAGE SWEET HOLLOW RDSWEET HOLLOW RD
RB-1
LF-4
LF-3
M-29A-R
M-30B-R
EW-9D
EW-13D
EW-8D
EW-4D
5WI DWI
EW12D
EW5
EW-11D
LF-2
EW-2C
EW-2D
MW-10A-D
TW-1
W-39
TW-2
TW-6-R
LF-1
MW-6A-F
EW3 A-C
RW-5
RW-1
RW-2
BP-7 A-C
N-10457
MW-5A-B
RW-4
EW-14D
TU-3
BP-1 A-C
MW-9 -A-D
RW-3
RW-1
RW-2
MW-7A-B
BP-8 A-C
BP-6 A-C
N-00617
ORW-1
OBS-1
N-00189
OBS-2
ORW-2
BP-3 A-C
BP-5 A-C
BP4 A(I)-C
ORW-3
BP-15 B-C
BP-14C
BP-11
ORW-4
ORW-5
BP-9 (I)B-C
ORW-6
BP-12 A-B
ORW-7
BP-10 B-C
MW-11-A-B
UM-1
BP-13 B-C
1-3 (N-07852)
2-3 (N-11004)
340
243
383
382
528
939
938
350
Legend
Map Location
FIGURE 1-1
STUDY AREA AND OFF-SITE WELL LOCATIONS
Prepared By : NCDPW - Water/Wastewater Engineering Unit
0 130260 520 780 1,040 1,300 Feet
Nassau County
Geographic Information System
Copyright 1993-2007 County of Nassau, New York
Date: 10/14/06

on-site dry wells. Drainage improvements eliminated these subsurface discharges in the mid-1980's. Groundwater contamination at the FTC primarily consisted of various volatile organic compounds (VOCs) and, to a lesser degree, semivolatile organic compounds (SVOCs) in the dissolved phase. Additionally, significant amounts of floating "petroleum product" or light nonaqueous phase liquid (LNAPL) were observed on the groundwater. A VOC plume emanated from the FTC in a southeasterly direction along with the natural flow of groundwater, principally containing benzene, c-1,2-dichloroethene (1,2-DCE), tetrachloroethene (PCE) and trichloroethene (TCE).

Operating since 1999, the groundwater treatment facility at the FTC was constructed to extract and treat contaminated groundwater. Treated effluent was initially discharged to either an off-site recharge basin or injection wells located north of the facility. However, poor infiltration characteristics in the recharge basin limited the capacity of the treatment system. In 2006, the County connected its plant effluent line to the sanitary sewer system, allowing discharge to both locations and expanding treatment capacity. The original treatment plan consisted of continuous pumping of three on-site (RW-1, 2 and 3) and seven off-site extraction wells (ORW-1 through 7). The locations of the extraction wells are provided on Figure 1-1 and an on-site well location map is provided as Figure 1-2.

After successful LNAPL recovery and with an absence of VOC and SVOC detections, the New York State Department of Environmental Conservation (NYSDEC) allowed the County to cease pumping of RW-2 and 3 in 2002. Although RW-1 continued to operate, the presence of landfill leachate from the adjacent Old Bethpage Landfill produced severe iron fouling of the pump and piping, resulting in a number of system shutdowns and significant additional maintenance costs. In February 2010, an apparent failure in the well screen of RW-1 resulted in the shutdown of on-site treatment.

The off-site groundwater treatment system has been very effective in reducing contaminant concentrations during its 12 years of operation. However, the County suspected that VOCs from non-FTC sources, such as dichlorodifluoromethane, were being captured by the

Legend

- FTC Monitoring Wells
- Recharge Basins
- Firemen's Training Center Area Wells
- Bethpage State Park Inactive Well
- Bethpage State Park Irrigation Well
- Claremont Polychemical Site Diffusion Well
- Claremont Polychemical Site Monitoring Well or Well Cluster
- Nassau County Injection Well
- Nassau County Monitoring Well or Well Cluster
- Nassau County Recovery Well
- Plainview WD Public Supply Well
- T of Oyster Bay Monitoring Well or Well Cluster
- T of Oyster Bay Recovery Well
- V of Farmingdale Public Supply Well

Map Location

FIGURE 1-2
ON-SITE WELL LOCATIONS

Prepared By - NCDPW - Water/Wastewater Engineering Unit

N W E S

0 15 30 60 90 120 150 Feet

Nassau County

Geographic Information System

Date: 7/21/09

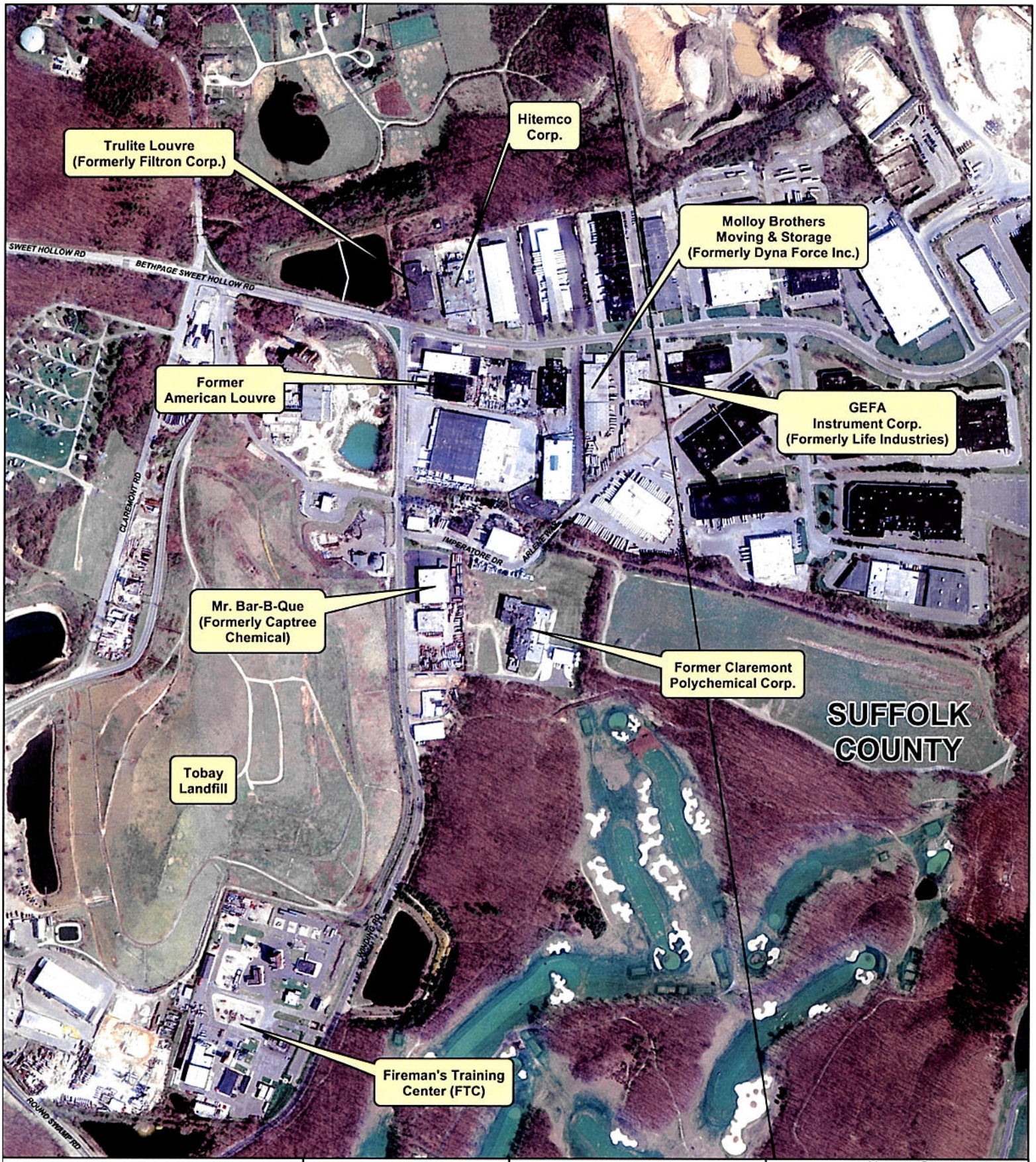
treatment system. See Section 1.2 below for a discussion of these non-FTC sources. A groundwater model developed by Camp, Dresser and McKee (CDM) for the County in 2008 supported the position that non-FTC sources were impacting the off-site treatment system. In addition, the CDM model developed a more efficient off-site pumping strategy utilizing only four (ORW-3, 4, 6 and 7) of the seven original off-site extraction wells. The CDM model is discussed further in Section 1.3.

1.2 Non-FTC Sources of Groundwater Contamination

The FTC is located in an industrial area, with other known groundwater contamination sources located in close proximity to the north and east. Therefore, groundwater in the vicinity of the FTC contains a wide range of VOCs and other contaminants not related to FTC operations. As depicted on Figure 1-3, the closest and most widely studied non-FTC sources of groundwater contamination are two hazardous waste sites, the Old Bethpage Landfill and the former Claremont Polychemical. Both sites have been previously investigated and have active off-site groundwater extraction wells that are likely interacting with the FTC extraction wells to some degree and complicating historical as well as current groundwater flow patterns. The Old Bethpage Landfill is a known source of leachate to groundwater. Claremont Polychemical manufactured pigments for plastics and other materials from 1966 to 1980, and disposed of wastewater in on-site diffusion wells. In addition, soil and groundwater contamination from leaking drums and storage tanks was documented at Claremont by the United States Environmental Protection Agency (USEPA).

Groundwater samples collected from monitoring wells installed upgradient of Claremont Polychemical have indicated that groundwater contamination exists upgradient of the facility. As indicated on Figure 1-3, the County has identified at least six other potential sources of VOC groundwater contamination in the area, including:

- The former American Louvre facility;
- The former Captree Chemical facility;
- Trulite Louvre (formerly Filtron Corporation);



Map
Location

FIGURE 1-3
POTENTIAL NON-FTC SOURCES OF GROUNDWATER CONTAMINATION

Prepared By: - NCDPW - Water/Wastewater
Engineering Unit

N
W E
S

0 60 120 240 360 480 600
Feet

Nassau County

Geographic Information System

Date: 2/06/08

- Hitemco Corporation;
- The former Dyna Force, Inc.; and
- The former Life Industries facility.

It should be noted that these sites have been identified as potential sources based largely on historical storage or handling of the VOCs detected downgradient of the FTC. However, the former American Louvre facility is now considered a State Superfund site with a planned Remedial Investigation to be conducted in 2011. According to the NYSDEC, American Louvre generated solvent waste, including PCE, TCE and 1,1,1-trichloroethane (TCA). In 1997, a contaminated drainage structure was remediated and a 2007 on-site investigation found soil and groundwater contaminated with TCE.

1.3 Previously Completed Groundwater Modeling

The County has suspected that the FTC off-site treatment system was being impacted by VOCs from some of the non-FTC sources as discussed in Section 1.1. In 2008, CDM developed a groundwater model for the County, described in their April 2008 final report entitled, "Fireman's Training Center Groundwater Model." The following is a brief summary of the major findings of the report. Please refer to the report for additional detail.

Groundwater modeling for the FTC and the surrounding area was initially conducted in 1994 as part of the remedial design. That model was based on the Nassau County Regional Groundwater Model originally developed by CDM in the 1980's. In 2008, a revised groundwater model was created with an updated version of the Nassau County regional model that was developed as part of the New York State Source Water Assessment Program (SWAP) in 2003. In addition, the model included any localized stratigraphic information collected from groundwater observation wells installed since the facility was constructed. The model was run and calibrated under transient conditions, utilizing precipitation and pumping data collected between 1960 and 2005. The pumping data included public supply wells, irrigation wells from Bethpage State Park, and extraction wells for the various treatment systems. The stratigraphic framework of the model

reflected the three previously categorized hydrogeological zones utilized by the County, including:

- The A-Zone extending from the water table to an elevation of approximately 85 feet below mean sea level (msl), and consisting of the Upper Glacial aquifer and upper Magothy aquifer. The on-site extraction wells are located within this zone;
- The B-Zone extending to approximately 150 feet below msl, located within the Magothy aquifer. The County and NYSDEC previously determined that the VOC contamination from the FTC was primarily within this zone. Therefore, all off-site extraction wells are screened in the B-Zone. Throughout most of the model area, the base of the B-Zone is a lignitic clay that limits vertical contaminant migration; and
- The C-Zone, consisting of portions of the Magothy aquifer below the lignitic clay.

Results from the transient groundwater flow simulations were incorporated into a contaminant transport model and particle tracking simulations from FTC and other suspected non-FTC sources were conducted.

Contaminant transport simulations indicated that some of the contaminants from Claremont Polychemical or other non-FTC sources (i.e. the eastern plume), could have migrated in both the B-Zone and C-Zone into areas downgradient of the other treatment systems prior to operation. Historical monitoring well data has exhibited B-Zone and C-Zone contamination to the east of the FTC extraction wells. The model runs performed by CDM demonstrated that some of the non-FTC B-Zone contamination would be captured by the FTC off-site groundwater treatment system, primarily by extraction wells ORW-4, 6 and 7. The results supported the County's position that the FTC groundwater extraction wells were capturing groundwater contaminants from non-FTC sources. Furthermore, the non-FTC C-Zone contamination was determined to be largely uncontrolled by the various groundwater treatment systems, including those operating for the Old Bethpage Landfill and the former Claremont Polychemical facility, due to the presence of the lignitic clay and the fact that all of the extraction wells are screened above the clay unit.

The simulations indicated that the FTC extraction wells are capturing groundwater which originates in Suffolk County. Water quality samples collected from groundwater observation

wells installed near the Nassau-Suffolk County boundary (BP-3, BP-15 and EW-14D) indicate that contamination that is being captured by the FTC wells may in fact originate from western Suffolk County or areas to the north and east of the FTC facility.

The modeling suggested that contamination originating from the FTC remains within the B-Zone (i.e. the western plume) and was being effectively captured by the FTC off-site extraction wells. Contaminants from the FTC were restricted vertically from the C-Zone by the lignitic clay. In fact, the modeling results enabled the County to optimize the pumping and capture zones of the FTC groundwater extraction wells. Based on the model simulations, the County and NYSDEC agreed to utilize only four (ORW-3, 4, 6 and 7) of the seven original off-site extraction wells in order to effectively capture all remaining FTC-related contamination.

2.0 SCOPE OF WORK

To evaluate the status of groundwater treatment at the FTC, D&B completed the following tasks:

- Review of Existing Environmental Reports and Data
- Review of FTC Remediation Monitoring Plan
- Evaluation of System Termination Criteria

The following sections describe D&B's approach to each task. It should be noted that there have been significant changes to the FTC monitoring program since the September 1994 Remediation Monitoring Plan was issued. These changes were approved by the NYSDEC and are discussed below, along with their implications for the evaluation of system termination criteria.

2.1 Review of Existing Environmental Reports and Data

D&B reviewed all background information provided by the County concerning the FTC in order to gather the data and information necessary to perform a comprehensive evaluation of the status of groundwater treatment. In addition to the 2008 CDM groundwater modeling report, this included all annual groundwater monitoring reports generated by the County dating back to 1999 and the County's 2009 Periodic Review Report. D&B also conducted a site visit on February 8, 2011 to view existing site conditions and discuss the operational status of the groundwater treatment system with the current operators.

The County provided D&B with over 10 years of groundwater monitoring data associated with the FTC groundwater treatment facility in digital Excel spreadsheet format (see Appendix A). In addition, D&B was provided with historical system influent and extraction well data. A comprehensive analysis of the data was required to ascertain the status of groundwater quality relative to designated cleanup goals, and to provide the County with recommendations regarding

the termination or modification of the current FTC groundwater treatment system. A summary and evaluation of the County data is presented in this report.

2.2 Review of FTC Remediation Monitoring Plan

As part of this task, D&B completed a detailed review of the September 1994 Remediation Monitoring Plan (RMP) for the FTC, focusing on groundwater monitoring requirements and the criteria for termination of the remedial system. The review was an important component in the evaluation of the system termination criteria (see Section 2.3).

Significant changes have occurred in the groundwater monitoring program since the RMP was issued. The County has sampled the monitoring well network since 1999, initially on a quarterly basis as specified by the RMP. The monitoring wells selected for quarterly groundwater sampling in the RMP are listed in Table 2-1. These wells were also selected in the RMP to be evaluated for the termination criteria, and are herein referred to as the "RMP Termination Monitoring Wells".

Table 2-1

RMP TERMINATION MONITORING WELLS

On-Site Wells	Off-Site Wells
FTC-W-4A	BP-2B
FTC-W-4B	BP-4B
FTC-W-7A	BP-4C
FTC-W-7B	BP-9B
FTC-W-7C	BP-9C
FTC-W-9A	BP-10B
FTC-W-9B	BP-10C
FTC-W-14A	BP-12B
FTC-W-14B	
FTC-W-32	
FTC-W-35	

Groundwater samples collected from these wells were analyzed for VOCs, with the on-site wells also analyzed for SVOCs. An expanded well list was sampled annually and analyzed for additional parameters, including inorganics. The RMP termination monitoring well list does not include all wells that were regularly sampled by the County, such as those located to the east of the FTC off-site extraction wells and impacted by non-FTC sources (e.g. the BP-3 well cluster). In addition, well clusters were installed and regularly sampled by the County after the issuance of the RMP in order to further delineate VOC contamination from a variety of potential sources. These well clusters include BP-13, 14 and 15.

In March 2008, the County implemented a modified groundwater monitoring program with NYSDEC approval in order to more efficiently monitor the effectiveness of the remedial system. The modified program, outlined in the NYSDEC letter provided in Appendix B, includes sampling of some of the newer delineation wells and a reduced sampling frequency, with semiannual sampling of seven on-site and off-site monitoring wells and fifth quarter sampling of an additional 17 wells. Thirteen wells were dropped from active sampling due to the absence of VOCs and SVOCs in groundwater.

2.3 Evaluation of Termination Criteria

D&B performed an evaluation of the FTC groundwater monitoring database to determine if and to what degree the remedial system termination criteria described in the 1994 RMP had been achieved. The criteria listed in Section 2.5 of the RMP (Remedial System Termination) include:

- Specific groundwater cleanup objectives for selected VOCs and SVOCs that must be achieved at the RMP Termination Monitoring Wells over a 2-year period (or eight quarters based on the original quarterly sampling program).

- A zero slope condition for all RMP Termination Monitoring Wells which do not meet the groundwater cleanup objectives, where the concentration of total VOCs plotted against time over a period of 2 years exhibits a slope statistically indistinguishable from zero.

D&B's approach to each criterion is described below. Given the changes that have occurred since the 1994 RMP described in Section 2.2, D&B evaluated all monitoring wells with the available data. The results of D&B's evaluation are presented in Section 3.0 focusing on the findings relative to the RMP Termination Monitoring Wells.

Comparison of Groundwater Data to Cleanup Objectives

The RMP presents groundwater cleanup objectives for specific VOCs and SVOCs that must be achieved over a 2-year period in order to terminate operation of the groundwater treatment system. In the monitoring well data provided in Appendix A, the selected VOCs and SVOCs from the RMP are shaded. Any of these compounds not listed for a given well in Appendix A were never detected during monitoring. The cleanup objectives in the RMP generally correspond to NYSDEC Class GA Groundwater Standards and Guidance Values and New York State drinking water standards. For other compounds, the data has been compared to Class GA standards. Any exceedances have been noted in bold and outlined in Appendix A.

The RMP specifies that the groundwater cleanup objectives must be achieved over a 2-year period, which consists of 8 quarters under the original monitoring scheme. As described earlier, the groundwater monitoring program was changed to semiannual and fifth quarter sampling in 2008. To strike a balance between the number and age of the data points, D&B compared the groundwater data to the cleanup objectives over a period of 2 years, but required a minimum of 4 sampling rounds. If identified as a lab contaminant, compounds such as methylene chloride were not included in the evaluation. A summary of the results of this evaluation for each well is provided in Section 3.0.

Statistical Analysis

In accordance with the specifications outlined in Section 2.5 of the RMP, D&B performed a zero slope condition analysis for wells that did not meet the groundwater cleanup objectives. For each well, the analysis determined if the total VOC concentrations had leveled off and were no longer significantly increasing or decreasing. The methods for this analysis are

described below and detailed calculations are provided for each well in Appendix C. It should be noted that the concentrations of any identified lab contaminants, such as methylene chloride, were subtracted from the total VOC concentrations.

The initial step specified in the RMP was to plot the total VOC concentration for each well over the last 2 years. Two years of data equated to 8 sampling events under the original quarterly monitoring scheme for the FTC. To ensure that the statistical analysis met this standard of validity, D&B utilized the eight most recent sampling events for each well. If total VOC concentrations had leveled off in a given well within the last few years, then it could be assumed that the statistical analysis was working with data that modeled more of a linear equation than a power or logarithmic equation.

The next step described in the RMP was to test for normality (i.e. that the data was normally distributed). Under the assumption that the data primarily fit a linear equation, D&B performed a simple statistical test to determine if any individual data points fell outside a normal (95%) range of data. To determine this, the mean and standard deviation were calculated and any data points that fell outside the normal range of the mean plus 1.96 times the standard deviation were considered to be outliers and excluded from further statistical analysis. However, these data points were still utilized when evaluating overall groundwater quality and the status of treatment.

Probability charts were prepared to determine if the total VOC concentration data for each well were normally distributed. A normal distribution of the total VOC data over time with a strong correlation ($R^2 > 0.9$) would indicate that the data more closely modeled a linear equation as opposed to power or logarithmic equation. For those wells with a lower correlation ($R^2 < 0.9$), probability charts were prepared using the log of the total VOC concentrations to determine if the data more closely modeled a logarithmic equation. Wells with total VOC concentrations that modeled a logarithmic equation or without a clear correlation to time were excluded from further consideration of the zero slope condition.

Finally, a best fit line was applied to the plotted total VOC data for each well, and the slope of the line calculated in ug/l/year. A slope within the range of -5 to +5 ug/l/year was determined to be a zero slope. This range was selected due to the fact that a slope of ±5 ug/l/year is equivalent to ±25 ug/l after 5 years (or half the total VOC cleanup objective of 50 ug/l). A slope exceeding ±5 ug/l/year indicates that total VOC concentrations could be expected to eventually increase above (or decrease below) the cleanup objective. Monitoring wells with normally distributed data and a slope in this range were determined to have a zero slope condition and have therefore achieved termination criteria. A summary of the results of this evaluation is provided in Section 3.0.

The RMP indicates that the County may also seek termination of remediation if contamination can be attributed to off-site (non-FTC) sources, such as those discussed in Sections 1.2 and 1.3. Therefore, D&B has determined the likely source of observed contamination through multiple forms of evidence, including the chemical signature of the contamination, CDM's modeling report and our analysis of the hydrogeology of the area. This is discussed further in Section 4.0, along with the overall status of treatment.

3.0 EVALUATION OF TERMINATION CRITERIA

This section presents D&B's evaluation of the termination criteria for the FTC groundwater remedial system, conducted in accordance with the 1994 RMP. The evaluation was conducted as described in Section 2.3, and included a comparison of the groundwater data from the monitoring well network to selected cleanup objectives. For any monitoring wells that failed the comparison, a statistical analysis was completed to determine if a zero slope condition has been achieved.

The results for each on-site and off-site monitoring well are summarized in Table 3-1 and Table 3-2, respectively, and are discussed below. The RMP Termination Monitoring Wells are included in Table 3-1 and Table 3-2. Monitoring wells which meet termination criteria are highlighted in green. These tables also include information regarding the sampling program for each monitoring well and observations about the data, such as concentration trends and the source of contamination. Total VOC trend graphs for selected monitoring wells are provided in Appendix D. As discussed in Section 2.0, the complete data set for each monitoring well is provided on compact disc in Appendix A and details of the statistical analysis are provided in Appendix C.

3.1 On-Site

3.1.1 Comparison of Groundwater Data to Cleanup Objectives

As indicated on Table 3-1, two of the 11 on-site Termination Monitoring Wells identified in the 1994 RMP exhibited the selected VOCs or SVOCs at concentrations exceeding groundwater cleanup objectives within the last 2 years (or last four sampling events). These two wells include W-32 and W-35, located in the vicinity of extraction well RW-1. In September 2009, well W-32 exhibited benzene at a concentration of 1.2 ug/l, slightly above the cleanup objective of 1 ug/l. VOC concentrations were higher in W-35, with a maximum total VOC concentration of 157 ug/l detected in September 2009, exceeding the cleanup objective of

TABLE 3-1
FIREMAN'S TRAINING CENTER
ON-SITE MONITORING WELLS
SUMMARY OF DATA ANALYSIS

: Monitoring Well Meets Termination Criteria

Well ID	Sampling Period (Thru Most Recent Sample)	No. of Sampling Events	Current Sampling Program	Exceedances of Groundwater Cleanup Objectives in Last 2 Years of Sampling [1]			Normally Distributed Data [2]	Zero-Slope Condition [3]	Observations
				Contaminant ID	Concentration Range (ug/l)	Cleanup Objective (ug/l)			
RMP Termination Monitoring Wells									
W-4A	1999-2008	26	5th Quarter Well	None	---	---	---	---	No VOCs detected above cleanup objectives in sampling period.
W-4B	1999-2008	33	5th Quarter Well	None	---	---	---	---	Impacted by landfill leachate. Only VOCs typically indicative of leachate (1,2 and 1,4-dichlorobenzene) were detected above cleanup objectives since 2003.
W-7A	1999-2007	15	Not sampled	None	---	---	---	---	No VOCs detected above cleanup objectives in sampling period.
W-7B	1999-2008	32	5th Quarter Well	None	---	---	---	---	Impacted by landfill leachate. Only VOCs typically indicative of leachate (1,2 and 1,4-dichlorobenzene) were detected above cleanup objectives since 2003.
W-7C	1999-2007	31	Not sampled	None	---	---	---	---	Impacted by landfill leachate. No VOCs detected above cleanup objectives since 2004.
W-9A	1999-2008	23	5th Quarter Well	None	---	---	---	---	No VOCs detected above cleanup objectives in sampling period. Two SVOCs (methylphenols) were detected above cleanup objectives in 2006.
W-9B	1999-2007	31	Not sampled	None	---	---	---	---	Some possible impacts by landfill leachate. No VOCs detected above cleanup objectives since 2003.
W-14A	1999-2008	32	Not sampled	None	---	---	---	---	No VOCs detected above cleanup objectives in sampling period.
W-14B	1999-2008	32	5th Quarter Well	None	---	---	---	---	No VOCs detected above cleanup objectives in sampling period.
W-32	2000-2011	38	Semi-Annual	Benzene	BDL - 1.2	1	No, R^2=79%	No, Slope=-18 ug/l/yr	Impacted by landfill leachate. Only benzene detected slightly above cleanup objective since 2008. Spikes in VOC concentrations in December 2005 and September 2007 may be related to water level intersecting residual soil contamination zone.
W-35	1999-2011	38	Semi-Annual	o-Xylene	BDL - 5.6	5	Yes, R^2=94%	No, Slope=-15 ug/l/yr	Impacted by landfill leachate. Spikes in VOC concentrations in 2006 and 2008 may be related to water level intersecting residual soil contamination zone.
				Total VOCs	3.3 - 157.4	50			
Additional Monitoring Wells									
W-7D	1999-2007	9	Not sampled	None	---	---	---	---	Some possible impacts by landfill leachate. No VOCs detected above cleanup objectives since 2000.
W-31	1999-2010	12	5th Quarter Well	Benzene	BDL - 1.6	1	No, R^2=41%	Yes, Slope=-0.3 ug/l/yr	Impacted by landfill leachate. Only benzene detected slightly above cleanup objective since 2006. Spike in VOC concentrations in June 2006 may be related to water level intersecting residual soil contamination zone.

Notes:

[1] Exceedances evaluated for last 2 years or last 4 sampling rounds, whichever is longer.

[2] An R^2 value of 90% or greater was determined to be normally distributed data.

[3] In general, a slope of +/- 5 ug/l/year total VOCs was determined to be zero

---: Further statistical analysis not necessary as exceedances of groundwater cleanup objectives were not detected.

BDL: Below Detection Limit

Statistical analysis conducted using data from last 8 sampling events, discounting statistical outliers.

Data includes baseline sampling rounds.

Methylene chloride has been identified as a lab contaminant and not included in this analysis.

TABLE 3-2
FIREMAN'S TRAINING CENTER
OFF-SITE MONITORING WELLS
SUMMARY OF DATA ANALYSIS

: Monitoring Well Meets Termination Criteria

Well ID	Sampling Period (Thru Most Recent Sample)	No. of Sampling Events	Current Sampling Program	Exceedances of Groundwater Cleanup Objectives in Last 2 Years of Sampling [1]			Normally Distributed Data [2]	Zero-Slope Condition [3]	Observations
				Contaminant ID	Concentration Range (ug/l)	Cleanup Objective (ug/l)			
RMP Termination Monitoring Wells									
BP-2B	1999-2008	29	Not sampled	None	---	---	---	---	Just one VOC detected above cleanup objective (PCE in 2004).
BP-4B	1999-2011	38	Semi-Annual	None	---	---	---	---	VOC concentrations decreased sharply in early 2000s and have since leveled off. No VOCs detected above cleanup objectives since March 2008. FTC was the likely source.
BP-4C	1999-2011	30	Not sampled	Benzene	BDL - 4.1	1	Yes, R^2=90%	No, Slope=-15 ug/l/yr	VOC concentrations decreased sharply in early 2000s and were decreasing when sampling ended (as directed by NYSDEC) in 2007. Sampling in March 2011 indicated no VOC exceedances. Similar suite of VOCs detected in BP-4B. FTC contamination not expected in "C" zone.
				PCE	2.3 - 26	5			
				1,2-DCE	0.68 - 17	5			
BP-9B	1999-2011	33	5th Quarter Well	Benzene	0.64 - 2.2	1	No, R^2=84%	No, Slope=-7 ug/l/yr	Slow VOC decrease from 2003 to 2008 with total VOC concentrations generally below 50 ug/l. Sampling in March 2011 indicated no VOC exceedances. Location, chemical signature and historic Freon detections suggest mix of FTC and other sources.
				VC	BDL - 4.1	2			
				1,2-DCE	BDL - 14	5			
BP-9C	1999-2007	25	Not sampled	None	---	---	---	---	Just one VOC detected above cleanup objective (PCE in 2003).
BP-10B	1999-2008	30	Not sampled	None	---	---	---	---	No VOCs detected above cleanup objectives in sampling period.
BP-10C	1999-2011	35	5th Quarter Well	None	---	---	---	---	No VOCs detected above cleanup objectives in sampling period. Slowly increasing chlorinated VOCs detected since 2004 from non-FTC source.
BP-12B	1999-2011	38	Semi-Annual	None	---	---	---	---	VOC concentrations decreased through 2006, with no VOCs detected above cleanup objectives since that time. Source was likely FTC and well has cleaned up.

TABLE 3-2
FIREMAN'S TRAINING CENTER
OFF-SITE MONITORING WELLS
SUMMARY OF DATA ANALYSIS

: Monitoring Well Meets Termination Criteria

Well ID	Sampling Period (Thru Most Recent Sample)	No. of Sampling Events	Current Sampling Program	Exceedances of Groundwater Cleanup Objectives in Last 2 Years of Sampling [1]			Normally Distributed Data [2]	Zero-Slope Condition [3]	Observations
				Contaminant ID	Concentration Range (ug/l)	Cleanup Objective (ug/l)			
Additional Monitoring Wells									
BP-2A	1999-2007	9	Not sampled	None	---	---	---	---	No VOCs detected above cleanup objectives in sampling period.
BP-3A*	1990, 2003-2011	13	Not sampled	None	---	---	---	---	No VOCs detected above cleanup objectives in sampling period.
BP-3B*	1990, 2002-2011	29	Semi-Annual	PCE	3.4 - 16	5	Yes, R^2=94%	Yes, Slope=-5 ug/l/yr	VOC concentrations decreased sharply in early 2000s and have since leveled off. Non-FTC source (see BP-3C).
BP-3C*	1990, 2002-2011	28	Semi-Annual	PCE	1.6 - 6.6	5	No, R^2=88%	No, Slope=-21 ug/l/yr	VOC concentrations decreasing since 2006, with total VOC concentration detected below 50 ug/l in March 2011 for the first time since 2003. "C" zone depth, eastern location and presence of VOCs like Freon suggest non-FTC source. CDM modeling supports this conclusion, suggests that this VOC contamination is being captured by recovery wells, especially 6 and 7.
				1,2-DCE	15 - 80	5			
				TCE	BDL - 8.5	5			
				Total VOCs	23.9 - 96.9	50			
BP-12A	1999-2007	29	Not sampled	None	---	---	---	---	No VOCs detected above cleanup objectives in sampling period.
BP-12C	2000-2007	31	Not sampled	None	---	---	---	---	No VOCs detected above cleanup objectives in sampling period.
BP-13B	2000-2008	32	5th Quarter Well	None	---	---	---	---	No VOCs detected above cleanup objectives in sampling period.
BP-13C	2000-2008	32	5th Quarter Well	None	---	---	---	---	No VOCs detected above cleanup objectives in sampling period.
BP-14B	2002-2011	31	Semi-Annual	Benzene	9.8 - 110	1	Yes, R^2=97%	No, Slope=-216 ug/l/yr	VOC concentrations have decreased sharply through monitoring period (from over 1,000 ug/l total to less than 50 ug/l). March 2011 is the first sampling event in which total VOCs were detected below 50 ug/l. Possible other sources but historically a FTC-impacted well.
				VC	BDL - 2.8	2			
				PCE	15 - 120	5			
				1,2-DCE	5.4 - 65	5			
				TCE	1.4 - 12	5			
				Total VOCs	36.5 - 333	50			
BP-14C	2002-2011	27	5th Quarter Well	PCE	2.4 - 6.4	5	Yes, R^2=93%	Yes, Slope=-1.8 ug/l/yr	Occasional slight VOC exceedances detected through 2008. Sampling in March 2011 indicated no VOC exceedances. FTC contamination not expected in "C" zone.
				1,2-DCE	1.1 - 9.4	5			
				1,1,1-TCA	BDL - 9.7	5			

TABLE 3-2
FIREMAN'S TRAINING CENTER
OFF-SITE MONITORING WELLS
SUMMARY OF DATA ANALYSIS

: Monitoring Well Meets Termination Criteria

Well ID	Sampling Period (Thru Most Recent Sample)	No. of Sampling Events	Current Sampling Program	Exceedances of Groundwater Cleanup Objectives in Last 2 Years of Sampling [1]			Normally Distributed Data [2]	Zero-Slope Condition [3]	Observations
				Contaminant ID	Concentration Range (ug/l)	Cleanup Objective (ug/l)			
Additional Monitoring Wells (continued)									
BP-15B	2005-2011	17	Semi-Annual	Benzene	3.7 - 8.9	1	Yes, R^2=94%	Yes, Slope=-2 ug/l/yr	Total VOC concentration fluctuated through 2010 to a maximum of nearly 400 ug/l. Decreased to 160 ug/l in March 2011. Analysis indicates zero slope although long-term trends are unclear. Eastern location and presence of VOCs like Freon suggest non-FTC source. CDM modeling supports this conclusion, suggests that this VOC contamination is being captured by recovery wells, especially 6 and 7.
				VC	20 - 47	2			
				PCE	11 - 43	5			
				1,2-DCE	71 - 180	5			
				TCE	5.5 - 14	5			
				1,1-DCA	14 - 36	5			
				1,1,1-TCA	1.9 - 12	5			
				o-Xylene	3.0 - 5.2	5			
				Total VOCs	161 - 399	50			
BP-15C	2005-2011	12	5th Quarter Well	None	---	---	---	---	No VOCs detected above cleanup objectives in sampling period.
U-6A	1999-2007	8	Not sampled	None	---	---	---	---	No VOCs detected above cleanup objectives in sampling period.
OBV-1B	2005-2008	11	5th Quarter Well	None	---	---	---	---	No VOCs detected above cleanup objectives in sampling period.
OBV-1C	2005-2008	11	5th Quarter Well	1,1-DCA	4.7 - 6.6	5	Yes, R^2=93%	Yes, Slope=+1.3 ug/l/yr	Upgradient well that suggests regional input of chlorinated VOCs to "C" zone. Total VOCs generally detected around 10-20 ug/l.
RB-1	1999-2007	9	Not sampled	None	---	---	---	---	Just two VOCs detected above their respective cleanup objectives (PCE in 1999 and MTBE in 2003).

Notes:

[1] Exceedances evaluated for last 2 years or last 4 sampling rounds, whichever is longer.
[2] An R^2 value of 90% or greater was determined to be normally distributed data.
[3] In general, a slope of +/- 5 ug/l/year total VOCs was determined to be zero
*: Well cluster BP-3 recognized by NYSDEC as impacted by non-FTC sources in ROD.
Statistical analysis conducted using data from last 8 sampling events, discounting statistical outliers.
Data includes baseline sampling rounds.
Methylene chloride has been identified as a lab contaminant and not included in this analysis.
---: Further statistical analysis not necessary as exceedances of groundwater cleanup objectives were not detected.

Abbreviations:

VC: Vinyl Chloride
PCE: Tetrachloroethene
TCE: Trichloroethene
1,1-DCA: 1,1-Dichloroethane
1,1-DCE: 1,1-Dichloroethene
1,1,1-TCA: 1,1,1-Trichloroethane
1,2-DCE: 1,2-Dichloroethene
BDL: Below Detection Limit

50 ug/l. The concentration of o-xylene also exceeded its cleanup objective in this time period. Both W-32 and W-35 are currently sampled semiannually.

3.1.2 Statistical Analysis

For the two on-site Termination Monitoring Wells that failed to meet cleanup objectives (W-32 and W-35), total VOC concentrations were evaluated for a zero slope condition in accordance with the RMP. The distribution of the data is marked by generally low VOC and SVOC concentrations during most sampling events with occasional "spikes" in VOC concentrations. Spikes in total VOC concentrations in 2006 and 2007 were as high as 1,778 ug/l in well W-32 and 5,600 ug/l in well W-35, and consisted generally of BTEX and benzene-containing compounds. As a result, the data for Termination Monitoring Well W-32 was not normally distributed. For Termination Monitoring Well W-35, the data was normally distributed, but exceeded a slope of 5 ug/l/year for total VOCs. Therefore, these two Termination Monitoring Wells did not meet the zero slope criterion.

3.1.3 Summary

In summary, two of the 11 on-site Termination Monitoring Wells failed to meet the termination criteria specified in the RMP, including:

- W-32
- W-35

For Termination Monitoring Well W-32, total VOC concentrations were below the cleanup objective of 50 ug/l, with a one-time exceedance of the cleanup objective for benzene detected within the last 2 years (or last four sampling events). Total VOC concentrations were higher in W-35, above 50 ug/l several times within the past 2 years. In general, the data for these two wells is characterized by low VOC and SVOC concentrations with occasional "spikes" in VOC concentrations. A discussion regarding the source of the contaminants and the overall status of on-site treatment is presented in Section 4.1.

3.2 Off-Site

3.2.1 Comparison of Groundwater Data to Cleanup Objectives

As indicated on Table 3-1, two of the eight off-site Termination Monitoring Wells identified in the 1994 RMP exhibited the selected VOCs or SVOCs at concentrations exceeding groundwater cleanup objectives within the last 2 years (or last four sampling events). These two wells include BP-4C, located immediately west of extraction well ORW-3, and BP-9B, located immediately northwest of extraction well ORW-6. BP-4C exhibited benzene, PCE and 1,2-DCE above their respective cleanup objectives in quarterly sampling conducted through 2007. In March 2008, the NYSDEC agreed to discontinue sampling of this well. VOC concentrations had been steadily decreasing in BP-4C when sampling ended, and total VOC concentrations were below the cleanup objective of 50 ug/l. In March 2011, the County sampled this well to obtain new groundwater quality data, and VOCs were not detected above cleanup objectives.

Sampling of well BP-9B conducted through 2007 occasionally exhibited benzene, vinyl chloride and 1,2-DCE above their respective cleanup objectives, but total VOC concentrations below the cleanup objective of 50 ug/l. After 2007, this well has been sampled on a 5th quarter basis. During the most recent sampling conducted in March 2011, VOCs were not detected above cleanup objectives.

3.2.2 Statistical Analysis

For the two off-site Termination Monitoring Wells that failed to meet cleanup objectives, total VOC concentrations were evaluated for a zero slope condition in accordance with the RMP. These two wells (BP-4C and BP-9B) have exhibited a recent decreasing trend in total VOC concentrations. Therefore, these wells did not achieve the zero slope condition.

3.2.3 Summary

In summary, two of the eight off-site Termination Monitoring Wells failed to meet the criteria specified in the RMP, including:

- BP-4C
- BP-9B

Although a number of individual VOCs exceeded cleanup objectives in the two Termination Monitoring Wells (BP-4C and BP-9B) through 2007, total VOC concentrations were below the cleanup objective of 50 ug/l. In addition, VOCs were not detected above individual cleanup objectives during the most recent sampling round conducted in March 2011. Overall, VOC concentrations in monitoring wells that could possibly be associated with the FTC plume, including the two Termination Monitoring Wells and BP-14B, have generally exhibited sharp decreases since the start of treatment and have decreased below the cleanup objective for total VOCs of 50 ug/l. The highest VOC concentrations are currently associated with eastern wells impacted by non-FTC sources, including BP-3C and especially BP-15B. A further discussion regarding the source of the contaminants and the overall status of off-site treatment is presented in Section 4.2.

4.0 STATUS OF TREATMENT

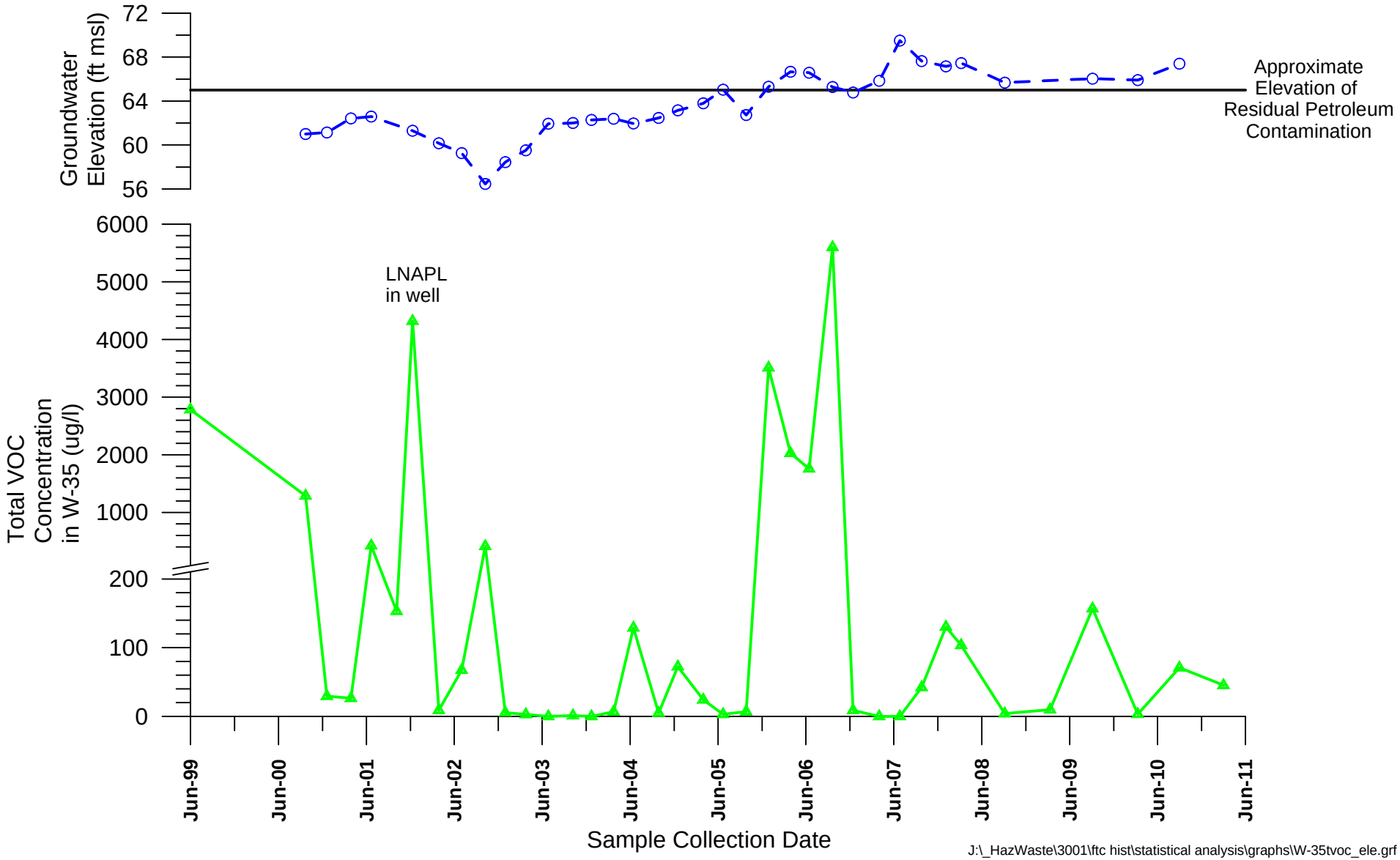
This section presents an evaluation of the status of groundwater treatment for the FTC site and the off-site groundwater plume. The evaluation includes a discussion of the effectiveness of the treatment based on the achievement of termination criteria as presented in Section 3.0, as well as on the past and current concentrations of contaminants in the on-site and off-site groundwater monitoring well network, extraction wells and system influent. As previously discussed, historical monitoring well data is provided on compact disc in Appendix A and total VOC trend graphs for selected monitoring wells are provided in Appendix D.

The possible source of observed groundwater contamination is also considered. There are multiple non-FTC sources of groundwater contamination located in close proximity to the FTC site which are impacting FTC monitoring and extraction wells. This is important since the RMP indicates that the County may also seek termination of the treatment system if contamination is attributable to sources other than the FTC.

4.1 On-Site

As discussed in Section 3.1, a total of two on-site Termination Monitoring Wells (W-32 and W-35) failed to meet the termination criteria specified in the RMP. The distribution of the data is marked by generally low VOC and SVOC concentrations during most recent sampling events with occasional “spikes” in VOC concentrations (see trend graphs for W-32 and W-35 in Appendix D). Wells W-32 and W-35 are located in the vicinity of extraction well RW-1 in the former flammable liquids area. The type of VOCs that have been observed, generally BTEX and benzene-containing compounds, are consistent with historical impacts in this area.

The County and NYSDEC are aware of an isolated area of residual petroleum contamination that is present in the soil in the vicinity of RW-1 at an elevation of approximately 65 feet above mean sea level (msl). In fact, the County and the NYSDEC utilize a previously negotiated groundwater elevation of 65 feet as a “trigger value” to require additional analyses of the groundwater samples, such as SVOCs. Figure 4-1 depicts the total VOC concentrations and



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FIREMAN'S TRAINING CENTER
ON-SITE MONITORING WELLS
TOTAL VOCs vs. WATER ELEVATION IN W-35

Figure
4-1

groundwater elevation in well W-35 over time. In general, total VOC concentrations detected in well W-35 tend to be significantly higher when the water elevation is around 65 feet above msl, such as in 2006. This data suggests that the residual petroleum contamination is the source of VOCs detected in wells W-32 and W-35. Recent sampling of groundwater from nearby wells W-11 and W-28 did not detect VOCs or SVOCs above cleanup objectives, suggesting that impact to groundwater from the residual petroleum contamination is limited in the area immediately around RW-1.

The history of on-site groundwater treatment further supports this residual petroleum contamination as the source of the on-site VOC contamination in groundwater. On-site groundwater treatment was initiated in 1999 with the pumping of three extraction wells (RW-1, 2 and 3). Due to low concentrations of VOCs detected in these extraction wells, on-site treatment was suspended from November 2002 through September 2006. As discussed in Section 1.1, on-site LNAPL recovery had been completed by that time. In addition, local groundwater levels were well below the elevation of the residual petroleum contamination (see Figure 4-1). When groundwater levels rose to an elevation of approximately 65 feet msl in 2006, increased VOCs were detected in the well W-35 and extraction well RW-1, and treatment was resumed.

The initial on-site treatment included the recovery of over 4,500 gallons of LNAPL from RW-3, with measurable LNAPL not observed after 2002. As the LNAPL was recovered from the FTC site, concentrations of VOCs detected in the closest monitoring wells located downgradient of the FTC site decreased significantly. For example, total VOC concentrations in downgradient Termination Monitoring Well BP-4B decreased from over 1,000 ug/l in 1999 to a non-detectable concentration in 2010. See Section 4.2 below for a discussion regarding the off-site FTC groundwater plume. The off-site results suggest that the completed treatment, including LNAPL recovery from extraction well RW-3 and groundwater treatment at extraction wells RW-1 and RW-2, was successful in effectively eliminating the source of the off-site FTC groundwater plume. The impact to groundwater from the residual petroleum contamination in the vicinity of RW-1 appears to be confined to this area and does not appear to have migrated off-site.

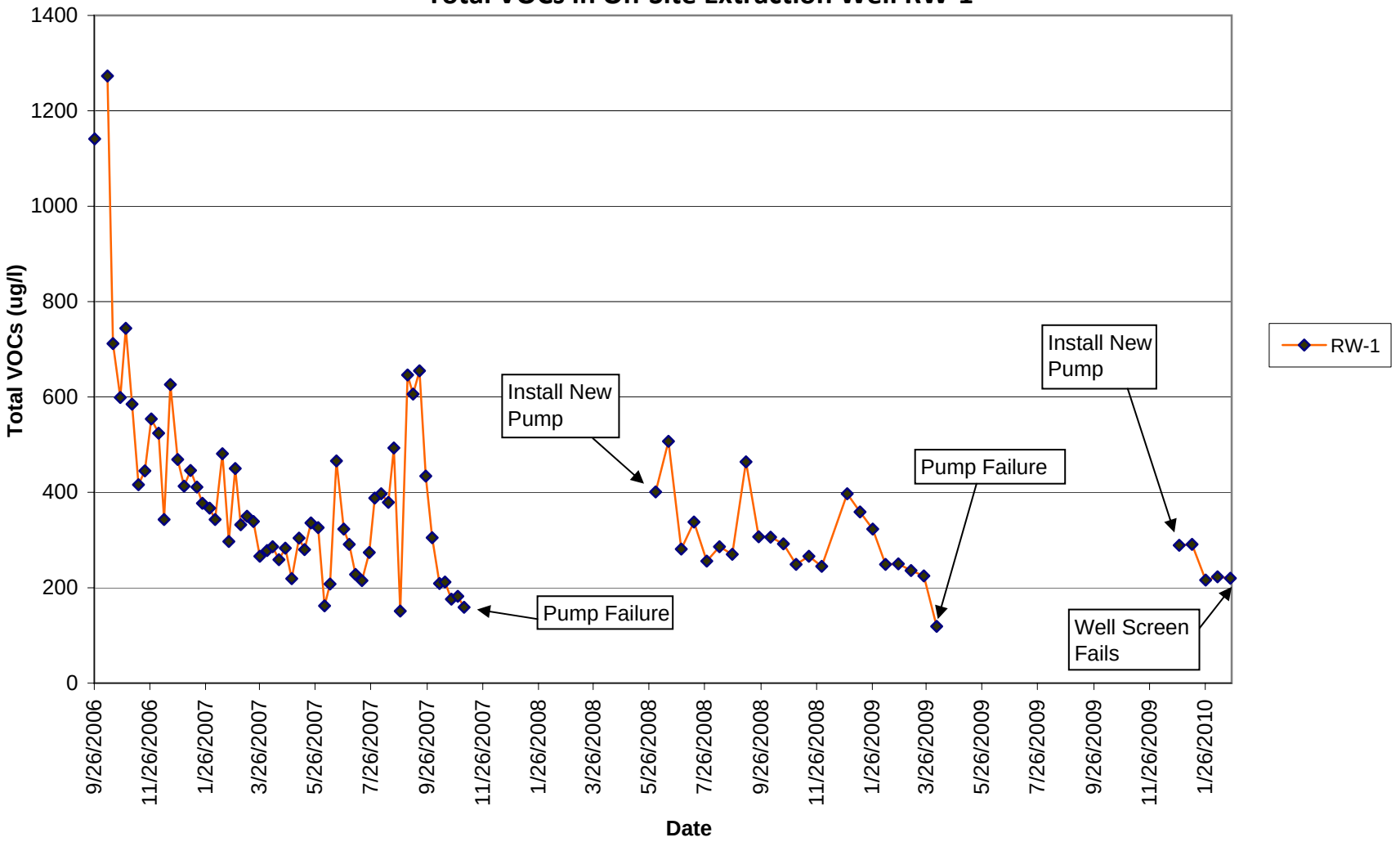
Regarding recent treatment, the presence of landfill leachate from the adjacent Old Bethpage Landfill has produced severe iron fouling of the pump and piping, resulting in a number of system shutdowns and significant additional maintenance costs. All on-site treatment has been suspended since February 2010 due to an apparent failure in the well screen for RW-1. Total VOC concentrations in RW-1 since treatment was resumed in 2006 are provided as Figure 4-2. As depicted on Figure 4-2, total VOC concentrations in RW-1 decreased once treatment was resumed but were consistently detected at approximately 200 ug/l at the time of the well screen failure in 2010. This data suggests that any further improvement from additional treatment would be minimal. Recommendations regarding the future of groundwater treatment on-site are presented in Section 5.0.

4.2 Off-Site

As discussed in Section 3.2, a total of two off-site Termination Monitoring Wells (BP-4C and BP-9B) failed to meet the termination criteria specified in the RMP. An off-site monitoring well location map is provided as Figure 1-1. Based on their western location, chemical signature and the previously completed groundwater modeling, these two Termination Monitoring Wells, in addition to monitoring well BP-14B, could have been affected by the FTC plume. Figures 4-3, 4-4 and 4-5 depict total VOC concentrations over time in monitoring wells BP-4C, BP-9B and BP-14B, respectively. As indicated on Figures 4-3, 4-4 and 4-5, these wells have generally exhibited sharp decreases in total VOCs since the start of treatment and have decreased below the cleanup objective for total VOCs of 50 ug/l. In fact, Termination Monitoring Wells BP-4C and BP-9B did not exhibit any individual VOCs above cleanup objectives during the most recent sampling round conducted in March 2011.

Overall, the historical data and trend graphs provided in Appendix A and Appendix D, respectively, indicate sharp decreases in total VOCs for all monitoring wells that were impacted by the FTC plume. For example, Termination Monitoring Well BP-4B, located adjacent to extraction well ORW-3, has not exhibited a total VOC concentration above 50 ug/l since 2004.

Figure 4-2
Fireman's Training Center
Total VOCs in On-Site Extraction Well RW-1



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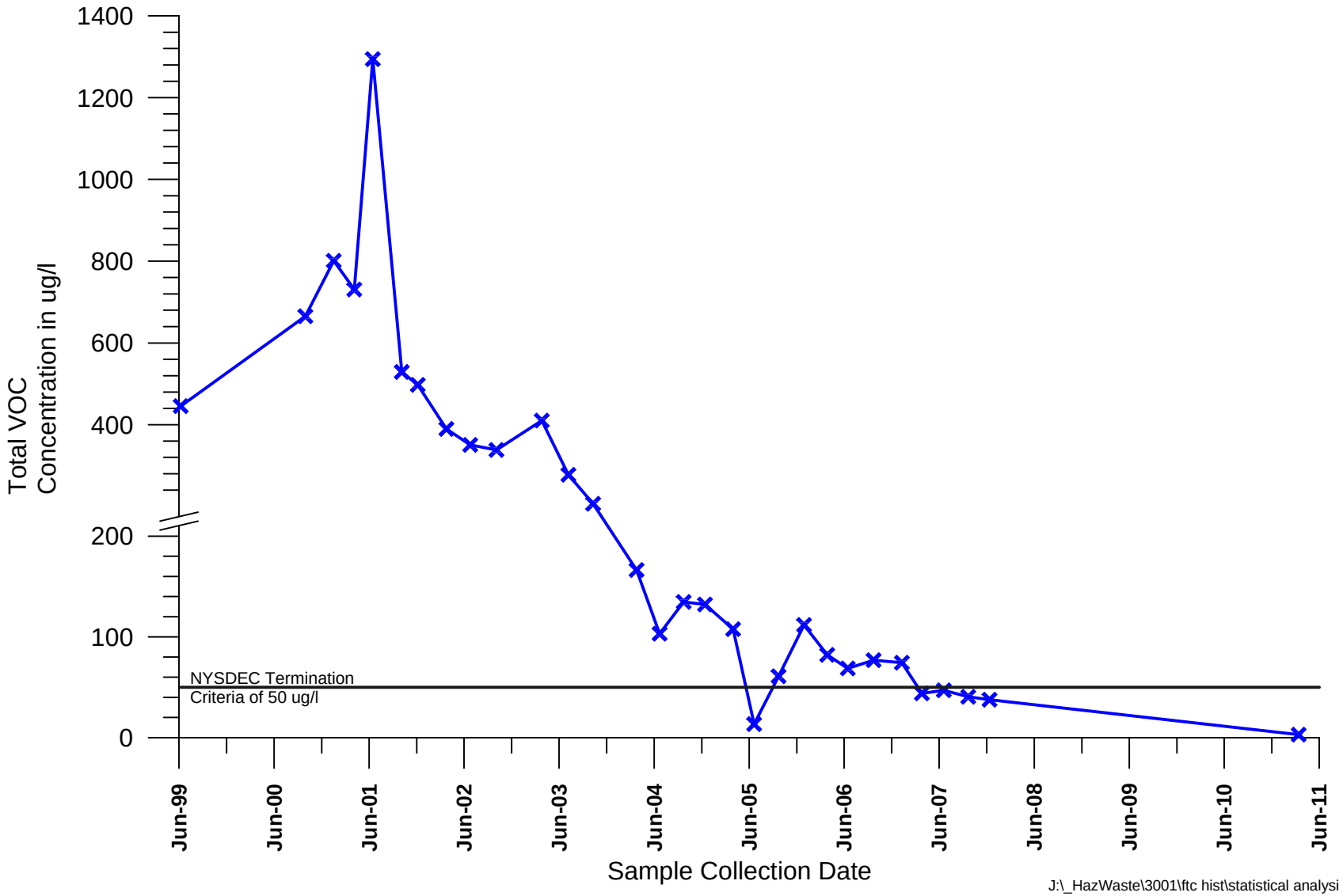

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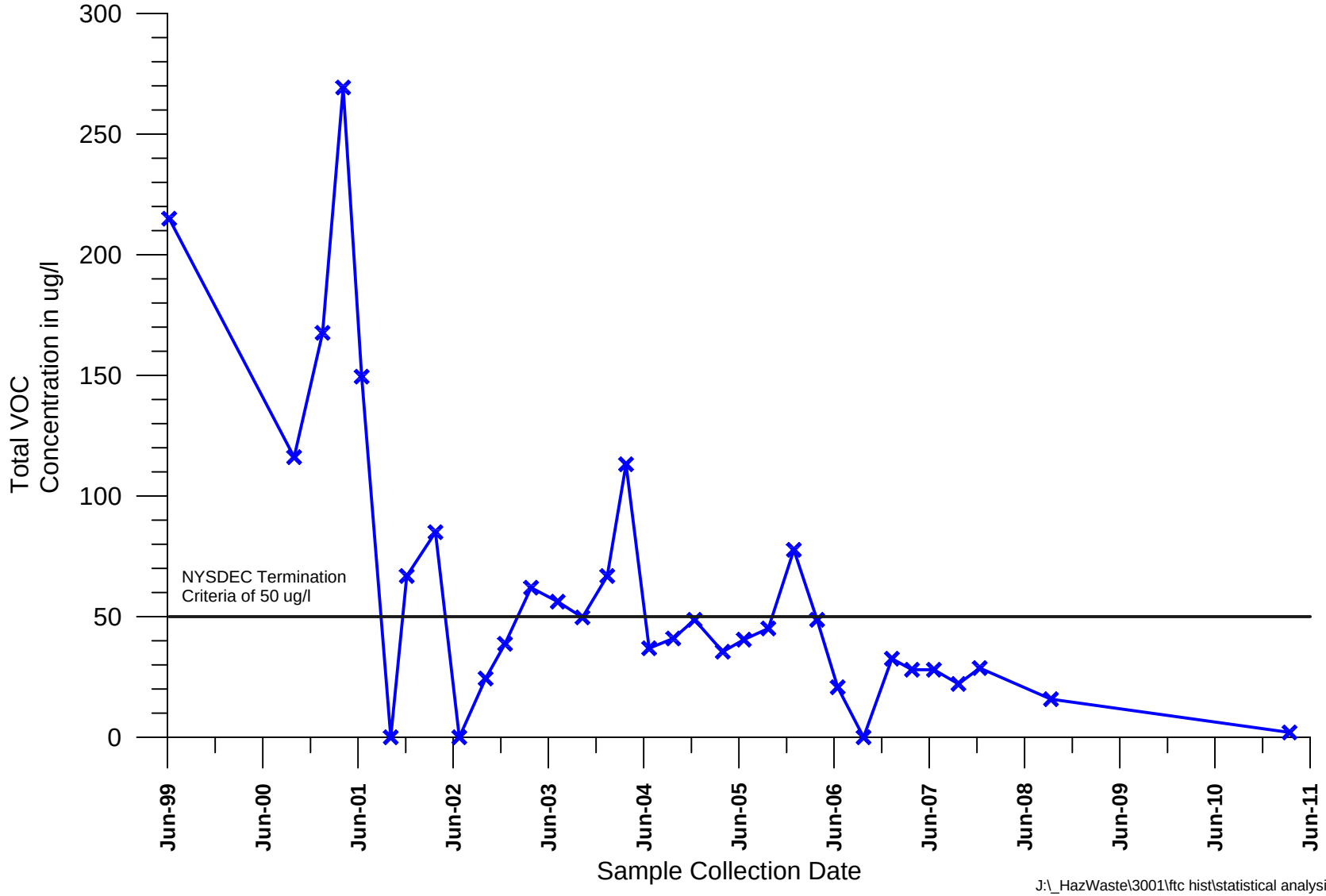
FIREMAN'S TRAINING CENTER
OFF-SITE MONITORING WELLS
TOTAL VOC DATA FOR WELL BP-4C

Figure
4-3



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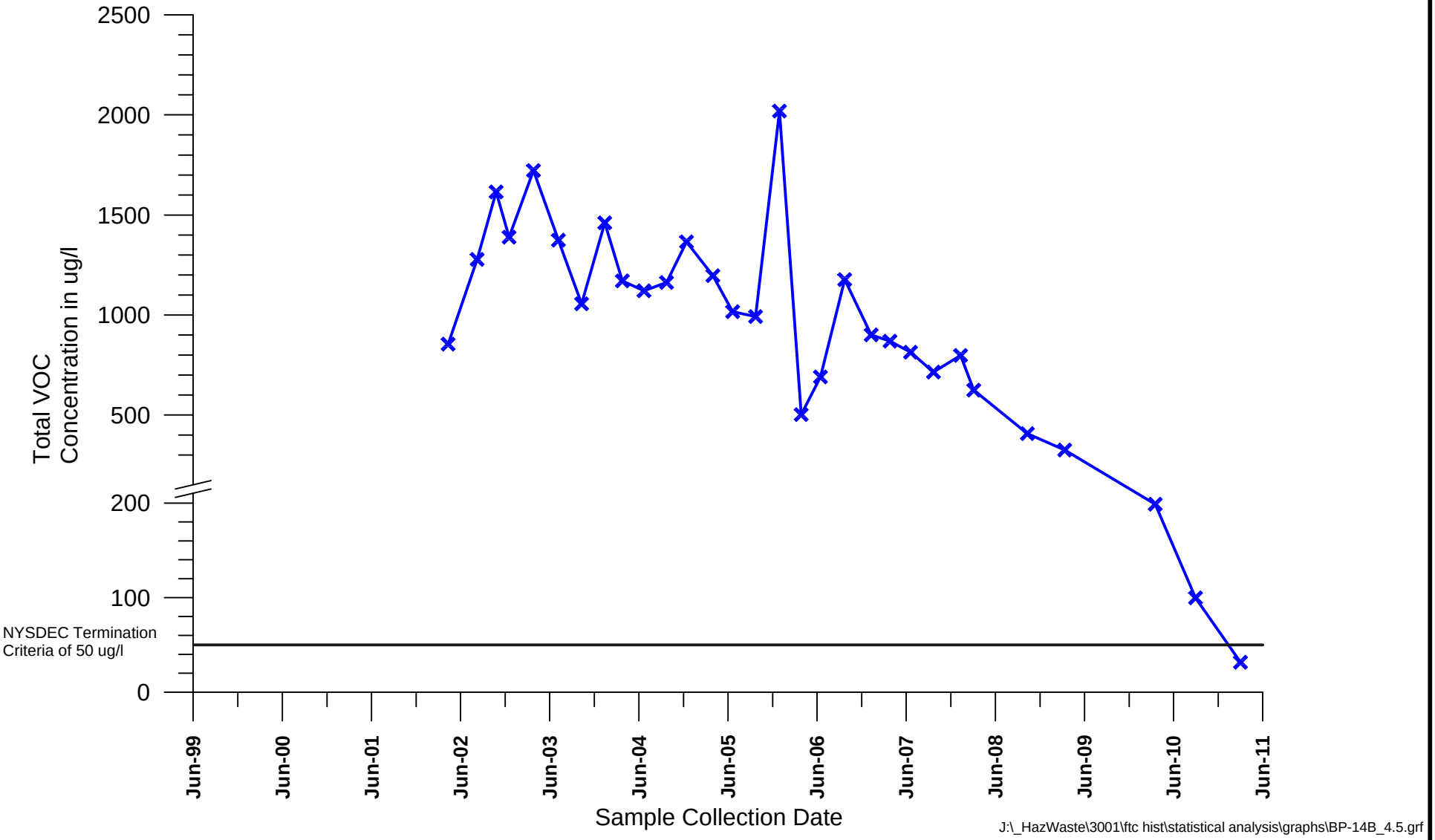
OFF-SITE MONITORING WELLS
TOTAL VOC DATA FOR WELL BP-9B

Figure
4-4



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FIREMAN'S TRAINING CENTER
OFF-SITE MONITORING WELLS
TOTAL VOC DATA FOR WELL BP-14B

Figure
4-5

BP-4B had exhibited total VOC concentrations above 1,000 ug/l just 3 years prior in 2001. Similar results are exhibited by Termination Monitoring Well BP-12B, located southwest of extraction well ORW-6.

These significant improvements in VOC concentrations suggest that the remedial system has been successful in capturing and remediating the FTC plume. Furthermore, any residual of the FTC plume appears to be confined to the area between ORW-3 and ORW-6, and at relatively low concentrations below the cleanup objective for total VOCs of 50 ug/l.

Based on their eastern location, chemical signature (such as the presence of dichlorodifluoromethane) and the previously completed groundwater modeling, monitoring wells BP-3C and BP-15B are impacted by non-FTC sources. As indicated on the trend graphs in Appendix D, the total VOC concentrations in these two wells (especially BP-15B) are generally higher than in wells impacted by the FTC plume and exhibit less improvement. Well BP-15B, located closest to the FTC extraction wells, has exhibited total VOC concentrations as high as 399 ug/l in the past 2 years, well above the cleanup objective of 50 ug/l. As discussed in Section 1.3, previously completed groundwater modeling runs demonstrated that some eastern groundwater impacted by non-FTC sources of VOC contamination was being captured by the FTC extraction wells. This is illustrated in Figure 4-6, provided by CDM, which depicts groundwater flow vectors in the B-Zone with pumping of the various remedial systems. As indicated in Figure 4-6, the area to the east of the FTC extraction wells that is impacted by non-FTC VOC contamination provides a large component of the system influent, especially to the southernmost extraction wells ORW-4, 6 and 7.

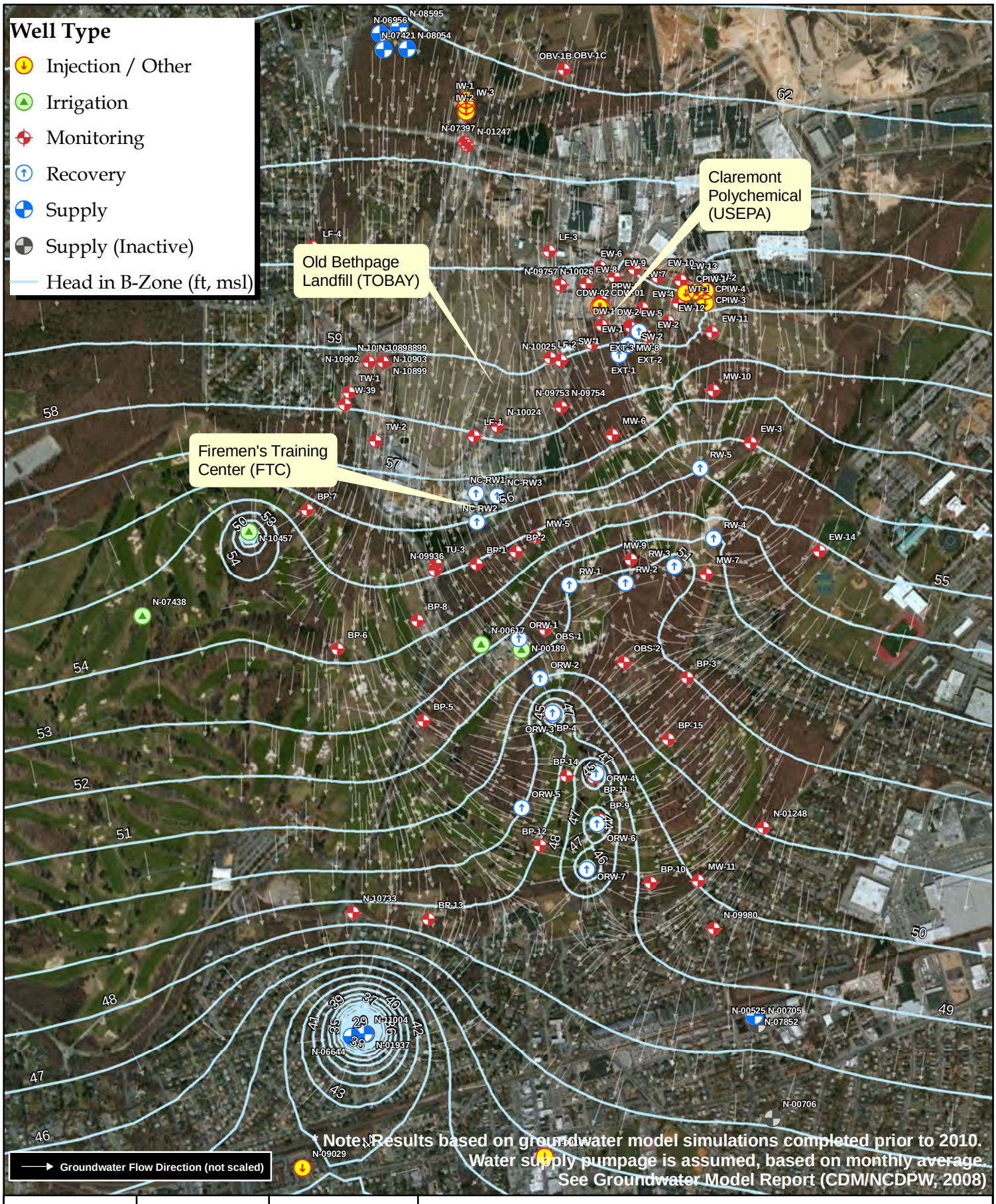
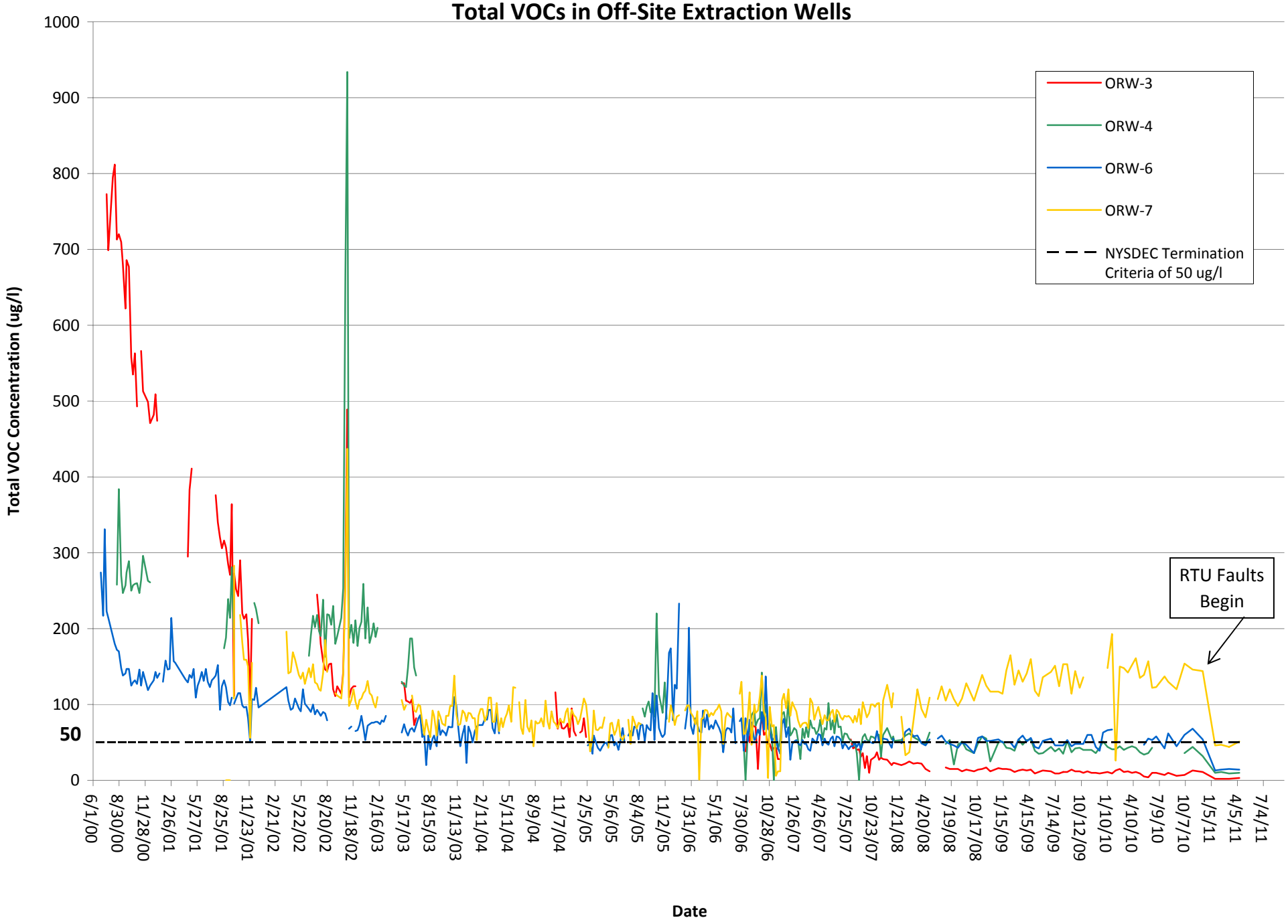


Figure 4-6
Vector Groundwater Flow Diagram
Simulated Head in B-Zone: July 2010
Supply Pumping Inferred*

Given the successful remediation of the FTC plume and the modeling results discussed above, it can be assumed that most of the remaining VOCs being captured by the FTC off-site extraction wells are from non-FTC sources. A graph depicting total VOC concentration trends from 2000 through 2011 for active off-site extraction wells ORW-3, 4, 6 and 7 is provided as Figure 4-7. The graph shows a general decreasing trend, especially for the first few years of treatment, reflecting the remediation of the FTC plume. For example, total VOC concentrations in ORW-3, the northernmost active extraction well and closest to the FTC site, were initially the highest at over 800 ug/l in 2000, but decreased to approximately 10 ug/l by 2010, below the cleanup objective of 50 ug/l. However, the highest recent total VOC concentrations have been detected in the extraction wells located further to the east and south. ORW-7, the southernmost extraction well and south of any remaining residual of the FTC plume, has consistently exhibited total VOC concentrations over 100 ug/l. This data is consistent with the modeling results discussed above, which suggested that eastern groundwater impacted by non-FTC sources was being captured primarily by the southernmost FTC extraction wells (Figure 4-6).

It should be noted that the off-site extraction system has been operating sporadically throughout most of 2011 due to mechanical problems. The lack of steady pumpage has reduced the size of the combined capture zone created by the four active extraction wells. The total VOC data depicted on Figure 4-7 indicates a sharp decrease in concentrations in 2011, with all four active extraction wells exhibiting total VOC concentrations below the cleanup objective of 50 ug/l. It can be concluded that the reduced capture zone has resulted in a decrease in the capture of eastern non-FTC contamination, manifested in the observed decrease in total VOC concentrations. Therefore, this decrease in VOC concentrations provides further evidence that the FTC extraction wells have been primarily capturing non-FTC contamination.

Figure 4-7
Fireman's Training Center
Total VOCs in Off-Site Extraction Wells



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5.0 CONCLUSIONS AND RECOMMENDATIONS

Presented below are conclusions based on D&B's evaluation of groundwater treatment at the FTC, and recommendations regarding the future of groundwater treatment. A summary of findings is provided where needed for explanatory purposes.

5.1 On-Site

- Two of the 11 on-site Termination Monitoring Wells (W-32 and W-35) failed to meet the criteria specified in the RMP. These wells exhibited generally low VOC and SVOC concentrations with occasional "spikes" in VOC concentrations generally consisting of BTEX and benzene-containing compounds.

- A comparison of water level data to VOC concentrations suggests that the source of these VOCs is an isolated area of residual petroleum contamination present in the soil in the vicinity of extraction well RW-1. VOC concentrations tend to spike when the water table intersects this residual petroleum contamination.

- The initial on-site treatment included the recovery of over 4,500 gallons of LNAPL from extraction well RW-3 and groundwater treatment at extraction wells RW-1 and RW-2. Based on observed decreases in VOC concentrations downgradient of the FTC site, it appears that this treatment was successful in effectively eliminating the source of the off-site FTC groundwater plume.

- Given the improving groundwater quality downgradient of the FTC site, the groundwater impact from the residual petroleum contamination appears to be confined to the area around RW-1 and does not appear to have migrated off-site. The detection of VOCs at a consistent concentration in extraction well RW-1 at the time of the failure of the well screen in 2010 suggests that any further improvement in on-site groundwater quality from additional treatment would be minimal.

- Over the course of on-site treatment, the presence of landfill leachate from the adjacent Old Bethpage Landfill has produced severe iron fouling of the pump and piping. This fouling has resulted in numerous system shutdowns and significant additional maintenance costs. The treatment system is currently shut down due to the well screen failure of RW-1.

- Based on the removal of the source of the off-site FTC groundwater plume, there is no longer any benefit to continued on-site groundwater treatment.

- It is recommended that the County petition the NYSDEC to terminate on-site groundwater treatment and monitoring. Additional on-site groundwater monitoring is

not recommended given the elimination of the source of the off-site FTC groundwater plume.

5.2 Off-Site

- Two of the eight off-site Termination Monitoring Wells (BP-4C and BP-9B) failed to meet the criteria specified in the RMP. However, these wells have generally exhibited sharp decreases in total VOCs since the start of treatment and have decreased below the cleanup objective for total VOCs of 50 ug/l. In fact, these two Termination Monitoring Wells did not exhibit any VOCs above cleanup objectives during the most recent sampling round conducted in March 2011.

- All monitoring wells that were impacted by the FTC plume have exhibited sharp decreases in total VOCs, with most of the wells no longer exhibiting any individual VOCs above cleanup objectives. The data suggests that the remedial system has been very successful in capturing and remediating the FTC plume, with any residual of the plume confined to the area between extraction wells ORW-3 and ORW-6, and at relatively low total VOC concentrations below the cleanup objective of 50 ug/l.

- Monitoring wells BP-3C and BP-15B are located to the east of the FTC extraction wells and have been impacted by non-FTC sources. Several possible sources have been identified by the County in the area (e.g. Claremont Polychemical). Previously completed groundwater modeling runs demonstrated that some eastern groundwater in the B-Zone that is impacted by non-FTC sources of VOC contamination, such as observed in well BP-15B, would be captured by the FTC extraction wells, especially the southernmost extraction wells (e.g. ORW-7).

- Given the successful remediation of the FTC plume, it can be assumed that the remaining VOCs being captured by the FTC off-site extraction wells are from non-FTC sources. The total VOC concentration data for the extraction wells are consistent with this assumption, with higher total VOC concentrations in the southernmost extraction wells. In addition, total VOC concentrations in the extraction wells dropped sharply in 2011 as the remedial system has been experiencing sporadic shutdowns, reflecting a decrease in the zone of capture and a sharp reduction in the capture of eastern non-FTC contamination.

- Given the successful remediation of the FTC plume and the fact that treatment system is now capturing primarily non-FTC contamination, it is recommended that the County petition the NYSDEC to terminate off-site groundwater treatment and begin post termination monitoring. Post termination monitoring would include the eight Termination Monitoring Wells specified in the RMP.

APPENDIX A

HISTORICAL MONITORING WELL DATA
(ON COMPACT DISC)

TABLE 1
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
ON-SITE MONITORING WELL DATA
WELL NUMBER FTC-W-4A

FTC-W-4A	DATE SAMPLED																													NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/10/99	6/14/00	9/25/00	12/27/00	3/27/01	6/21/01			6/26/03	10/7/03	12/19/03	3/23/04	6/17/04	9/27/04	12/15/04	4/1/05	6/21/05	9/26/05	12/22/05	3/20/06	6/14/06	9/25/06	12/14/06	3/27/07	6/18/07	9/17/07	12/17/07		9/4/08	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	Well Dry No Sample for Sept	Well Dry No Sample for Sept	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	Not Smpld 5th Qtr. Well	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Trichloroethene	NA	NA	NA	NA	NA	NA			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Acetone	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	50
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,3,5-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.7	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
sec-Butyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
p-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL			**BDL**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	3
Hexachlorobutadiene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	0.5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	14.2	BDL	BDL	BDL	BDL	BDL	BDL		BDL	50
1,2,3-Trichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	10
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA		NA	1
1,2,4,5-Tetramethylbenzene	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	50
4-Isopropyltoluene	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
Chloroform	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	7
tert-Butyl Benzene	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL		BDL	5
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA		NA	5
Methylene Chloride	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	LA	LA	LA			3.3 B	5
N-Butylbenzene	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	BDL	BDL	BDL	BDL		BDL	--
p-Diethylbenzene	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
p-Ethyltoluene	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
Total VOCs	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4	0.0	0.0	0.0	0.0	0.0	0.0		3.3	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)	0.0																													
Acenaphthene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	20
Di-n-Butyl Phthalate	BDL	BDL	BDL	BDL	BDL	BDL			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							50
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	3
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	3
Nitrobenzene	NA	NA	NA	NA	NA	NA			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	0.4
N-Nitrosodi-n-Propylamine	NA	NA	NA	NA	NA	NA			NA	NA	NA	**17.1**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	--
Bis(2-Ethylhexyl)Phthalate	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	5
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	NA	NA	NA		BDL	50
2-Methylphenol	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	NA	NA	NA		BDL	1
3+4-Methylphenol	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	NA	NA	NA		BDL	1
Diethyl Phthalate	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	NA	NA			BDL	50
Assorted Semi-Vol. Org. Compounds	BDL	BDL	BDL	BDL	BDL	BDL			NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA							--
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	3
2,4-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	5
Fluorene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	50
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	17.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	--
INORGANIC PARAMETERS (mg/l)																														
ph	6.73	6.33	NA	NA	NA	6.15			7.27	NA	NA	NA	6.69	NA	NA	NA	7.65	NA	NA	NA	6.57	NA	NA	NA	6.05	NA	NA		NA	--
Specific Conductance	264	2	NA	NA	NA	340			217	NA	NA	NA	234	NA	NA	NA	199	NA	NA	NA	226	NA	NA	NA	172	NA	NA		NA	--
Alkalinity as Calcium Carbonate	BDL	10.0	NA	NA	NA	5.0			24.0	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	8	NA	NA	NA	26	NA	NA		NA	--
B.O.D.	BDL	BDL	NA	NA	NA	BDL			BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Chemical Oxygen Demand	BDL	BDL	NA	NA	NA	BDL			BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Hardness, Total	79.5	50.1	NA	NA	NA	95.8			49.4	NA	NA	NA	59.3	NA	NA	NA	41.0	NA	NA	NA	59	NA	NA	NA	48.6	NA	NA		NA	--
Nitrate as N	**18.48**	**14.4**	NA	NA	NA	**28.5**			**12.4**	NA	NA	NA	10.0	NA	NA	NA	10.0	NA	NA	NA	**15.5**	NA	NA	NA	1.36	NA	NA		NA	10
Total Phosphorus as P	BDL	BDL	NA	NA	NA	BDL			BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Sodium, Total	14.5	16.9	NA	NA	NA	16.7			18.0	NA	NA	NA	14.9	NA	NA	NA	17.4	NA	NA	NA	13.2	NA	NA	NA	17.4	NA	NA		5.79	20
Total Kjeldahl as N	0.33	0.35	NA	NA	NA	0.16			0.18	NA	NA	NA	0.28	NA	NA	NA	BDL	NA	NA	NA	0.25	NA	NA	NA	BDL	NA	NA		NA	--
Ammonia as N	BDL	BDL	NA	NA	NA	BDL			BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	2
Sulfate	32.7	32.4	NA	NA	NA	32.8			20.6	NA	NA	NA	27.7	NA	NA	NA	24.6	NA	NA	NA	31.7	NA	NA	NA	30.3	NA	NA		NA	250
Chloride	5	BDL	NA	NA	NA	BDL			BDL	NA	NA	NA	7.5	NA	NA	NA	5.0	NA	NA	NA	5.0	NA	NA	NA	13.0	NA	NA		NA	250
Total Dissolved Solids	190	158	NA	NA	NA	287			155	NA	NA	NA	179	NA	NA	NA	130	NA	NA	NA	134	NA	NA	NA	90	NA	NA		NA	--
Total Suspended Solids	BDL	1.5	NA	NA	NA	BDL			1.0	NA	NA	NA	1.0	NA	NA	NA	1.0	NA	NA	NA	1.0	NA	NA	NA	1.0	NA	NA		NA	--
Arsenic	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		BDL	0.025
Aluminum, Total	BDL	0.021	NA	NA	NA	0.012			0.033	NA	NA	NA	BDL	NA	NA	NA	0.005	NA	NA	NA	0.011	NA	NA	NA	0.009	NA	NA		0.014	--
Iron, Total	0.052	0.196	NA	NA	NA	0.185			**0.782**	NA	NA	NA	**1.060**	NA	NA	NA	0.097	NA	NA	NA	0.240	NA	NA	NA	0.195	NA	NA		**0.476**	0.3
Manganese, Total	0.034	0.025	NA	NA	NA	0.025			0.222	NA	NA	NA	0.257	NA	NA	NA	0.044	NA	NA	NA	0.074	NA	NA	NA	0.046	NA	NA		0.038	0.3
Nickel, Total	0.010	BDL	NA	NA	NA	0.001			0.003	NA	NA	NA	0.002	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA		BDL	0.1
Chromium, Total	BDL	BDL	NA	NA	NA	0.001			0.004	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	0.002	NA	NA	NA	0.001	NA	NA		BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specified for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 2
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
ON-SITE MONITORING WELL DATA
WELL NUMBER FTC-W-4B

FTC-W-4B	DATE SAMPLED																																		NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/10/99	9/27/00	12/27/00	3/27/01	4/27/01	6/21/01	9/26/01	12/10/01	3/28/02	6/21/02	10/7/02	12/19/02	3/24/03	6/26/03	10/7/03	12/19/03	3/23/04	6/17/04	9/27/04	12/15/04	4/1/05	6/21/05	9/26/05	12/22/05	3/20/06	6/14/06	9/25/06	12/14/06	3/27/07	6/18/07	9/17/07	12/17/07		9/4/08	
Vinyl Chloride	BDL	1.9	BDL	1.4	BDL	**2.2**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA		NA	1
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
c-1,2-Dichloroethene	BDL	2.1	BDL	BDL	BDL	1.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	Not Smpld 5th Qtr. Well	BDL	5
1,2,4,5-Tetramethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	50
4-Isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
Benzene	BDL	**1.3**	BDL	**1.1**	BDL	**2.2**	BDL	**1.2**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Trichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**10.3**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chlorobenzene	1.8	2.5	BDL	2.0	BDL	4.1	BDL	3.0	2.1	BDL	BDL	1.8	BDL	BDL	1.8	1.9	4.1	1.6	2.6	2.8	1.7	BDL	1.3	1.9	2.0	2.4	BDL	BDL	BDL	BDL	BDL		BDL	5
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	7
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA		NA	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
N-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	BDL	BDL	BDL	BDL		BDL	--
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	50
1,3,5-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.9	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	LA	LA	BDL		4.0 B	5
sec-Butyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
p-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
tert-Butyl Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
p-Diethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
1,4-Dichlorobenzene	**7.2**	**4.5**	BDL	BDL	BDL	**3.3**	BDL	**7.8**	**6.1**	BDL	BDL	BDL	2.6	BDL	BDL	BDL	BDL	BDL	BDL	**3.2**	BDL	2.1	BDL	BDL	**3.1**	BDL	**3.2**	BDL	BDL	BDL	BDL		BDL	3
1,2-Dichlorobenzene	2.1	BDL	BDL	BDL	BDL	BDL	BDL	2.9	BDL	BDL	2.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4	1.6	BDL	1.7	BDL	1.0	BDL	BDL	BDL	BDL		BDL	3
Hexachlorobutadiene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	0.5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	50
1,2,3-Trichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.8	BDL	2.2	BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	10
Total VOCs	11.1	12.3	0.0	4.5	0.0	13.5	0.0	14.9	8.2	0.0	2.4	1.8	10.3	0.0	4.4	1.9	4.1	4.4	2.6	5.0	4.9	0.0	4.8	3.5	2.0	8.1	0.0	4.2	0.0	0.0	0.0		4.0	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																																		
Acenaphthene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	20
Di-n-Butyl Phthalate	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	50
1,2-Dichlorobenzene	2.3	**27.8**	BDL	BDL	BDL	BDL	BDL	**13.5**	BDL	2.1	**5.5**	**7.8**	**5.2**	**4.7**	BDL	BDL	BDL	**8.1**	BDL	BDL	BDL	1.3	2.0	**3.1**	BDL	BDL	BDL	BDL	BDL	BDL	BDL		1.3	3
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	1.4	1.8	2.0	1.4	BDL	BDL	BDL	2.3	BDL	BDL	BDL	BDL	BDL	1.4	BDL	BDL	BDL	BDL	NA	NA		BDL	3
Nitrobenzene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	**1.4**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	0.4
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	50
Anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	50
N-Nitrosodi-n-Propylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	--
Bis(2-Ethylhexyl)Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Diethyl Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	50
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	50
2-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	1
3+4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	1
Assorted Semi-Vol. Org. Compounds	BDL	6.1*	BDL	BDL	3.0*	BDL	3.0*	5.7*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA		NA	--
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	**9.6**	BDL	**9.6**	1.0	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	3
2,4-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Fluorene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	50
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	50
Total Semi-VOCs	2.3	27.8	0.0	0.0	9.6	0.0	9.6	14.5	0.0	2.1	0.0	6.9	9.6	8.6	6.1	0.0	14.2	0.0	10.4	0.0	0.0	2.4	0.0	1.3	2.0	4.5	0.0	0.0	0.0	0.0	0.0		1.3	--
INORGANIC PARAMETERS (mg/l)																																		
ph	7.02	NA	NA	NA	NA	6.79	NA	NA	NA	6.74	NA	NA	NA	6.86	NA	NA	NA	6.64	NA	NA	NA	6.99	NA	NA	NA	7.26	NA	NA	NA	6.41	NA	NA		NA	--
Specific Conductance	1460	NA	NA	NA	NA	1260	NA	NA	NA	1050	NA	NA	NA	1330	NA	NA	NA	1150	NA	NA	NA	1160	NA	NA	NA	988	NA	NA	NA	949	NA	NA		NA	--
Alkalinity as Calcium Carbonate	414	NA	NA	NA	NA	350	NA	NA	NA	222	NA	NA	NA	380	NA	NA	NA	244	NA	NA	NA	288	NA	NA	NA	226	NA	NA	NA	234	NA	NA		NA	--
B.O.D.	3	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	3	NA	NA	NA	2.6	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Chemical Oxygen Demand	60	NA	NA	NA	NA	57	NA	NA	NA	33.4	NA	NA	NA	64	NA	NA	NA	43	NA	NA	NA	43	NA	NA	NA	45	NA	NA	NA	40.4	NA	NA		NA	--
Hardness, Total	151	NA	NA	NA	NA	175	NA	NA	NA	105	NA	NA	NA	165	NA	NA	NA	125	NA	NA	NA	120	NA	NA	NA	102	NA	NA	NA	75.5	NA	NA		NA	--
Nitrate as N	1.02	NA	NA	NA	NA	0.91	NA	NA	NA	0.19	NA	NA	NA	0.77	NA	NA	NA	0.99	NA	NA	NA	1.09	NA	NA	NA	0.63	NA	NA	NA	BDL	NA	NA		NA	10
Total Phosphorus as P	BDL	NA	NA	NA	NA	BDL	NA	NA	NA	0.08	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Sodium, Total	**142**	NA	NA	NA	NA	**89.5**	NA	NA	NA	**77.4**	NA	NA	NA	**108**	NA	NA	NA	**101**	NA	NA	NA	**109**	NA	NA	NA	**100**	NA	NA	NA	**94.5**	NA	NA		**29.1**	20
Total Kjeldahl as N	45.1	NA	NA	NA	NA	39.1	NA	NA	NA	26.8	NA	NA	NA	51.5	NA	NA	NA	29.5	NA	NA	NA	44.6	NA	NA	NA	27.1	NA	NA	NA	3.05	NA	NA		NA	--
Ammonia as N	**35.3**	NA	NA	NA	NA	**39.1**	NA	NA	NA	**17.1**	NA	NA	NA	**48.5**	NA	NA	NA	**28**	NA	NA	NA	**17.4**	NA	NA	NA	**27.7**	NA	NA	NA	**23.8**	NA	NA		NA	2
Sulfate	29.5	NA	NA	NA	NA	BDL	NA	NA	NA	27.5	NA	NA	NA	21.7	NA	NA	NA	15.6	NA	NA	NA	14.3	NA	NA	NA	10.7	NA	NA	NA	34.2	NA	NA		NA	250
Chloride	162	NA	NA	NA	NA	155	NA	NA	NA	158	NA	NA	NA	160	NA	NA	NA	170	NA	NA	NA	132	NA	NA	NA	138	NA	NA	NA	153	NA	NA		NA	250
Total Dissolved Solids	630	NA	NA	NA	NA	549	NA	NA	NA	434	NA	NA	NA	583	NA	NA	NA	508	NA	NA	NA	477	NA	NA	NA	428	NA	NA	NA	340	NA	NA		NA	--
Total Suspended Solids	5.5	NA	NA	NA	NA	12	NA	NA	NA	22	NA	NA	NA	19	NA	NA	NA	24	NA	NA	NA	19	NA	NA	NA	27	NA	NA	NA	33	NA	NA		NA	--
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.010	NA	NA	NA	0.009	NA	NA		BDL	0.025
Aluminum, Total	BDL	NA	NA	NA	NA	0.013	NA	NA	NA	0.145	NA	NA	NA	0.016	NA	NA	NA	BDL	NA	NA	NA	0.006	NA	NA	NA	BDL	NA	NA	NA	0.005	NA	NA		0.027	--
Iron, Total	**2.4**	NA	NA	NA	NA	**6.55**	NA	NA	NA	**8.14**	NA	NA	NA	**12.3**	NA	NA	NA	**16.9**	NA	NA	NA	**10**	NA	NA	NA	**13.2**	NA	NA	NA	**20.7**	NA	NA		**16.9**	0.3
Manganese, Total	**3.09**	NA	NA	NA	NA	**4.26**	NA	NA	NA	**2.64**	NA	NA	NA	**2.54**	NA	NA	NA	**1.59**	NA	NA	NA	**1.41**	NA	NA	NA	**1.23**	NA	NA	NA	**1.31**	NA	NA		**1.26**	0.3
Nickel, Total	0.022	NA	NA	NA	NA	0.015	NA	NA	NA	0.014	NA	NA	NA	0.014	NA	NA	NA	0.010	NA	NA	NA	0.013	NA	NA	NA	0.012	NA	NA	NA	0.013	NA	NA		0.014	0.1
Chromium, Total	0.002	NA	NA	NA	NA	BDL	NA	NA	NA	0.002	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	0.003	NA	NA	NA	0.002	NA	NA		BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specified for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 3
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
ON-SITE MONITORING WELL DATA
WELL NUMBER FTC-W-7A

FTC-W-7A	SAMPLED																				NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS	6/10/99	6/14/00				6/18/04		12/13/04	3/30/05	6/24/05	9/22/05	12/19/05	3/20/06	7/3/06	9/18/06	12/14/06	4/5/07	7/2/07	9/17/07	12/13/07	
Vinyl Chloride	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,2-Trichloroethane	NA	NA				NA		NA	NA	NA		NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	1
1,2,4,5-Tetramethylbenzene	NA	NA				NA		NA	NA	NA		NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	--
c-1,2-Dichloroethene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Benzene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Toluene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Trichloroethene	NA	NA				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Tetrachloroethene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorobenzene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Acetone	NA	NA				NA		NA	NA	NA		NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	50
Dichlorodifluoromethane	NA	NA				NA		NA	NA	NA		NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	5
Ethyl Benzene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloroform	NA	NA				NA		NA	NA	NA		NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
m,p-Xylene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Isopropylbenzene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Methylene Chloride	NA	NA				NA		NA	NA	NA		NA	BDL	BDL	BDL	BDL	BDL	LA	LA	BDL	5
n-Propylbenzene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
N-Butylbenzene	NA	NA				NA		NA	NA	NA		NA	NA	NA	BDL	NA	BDL	BDL	BDL	BDL	--
4-Isopropyltoluene	NA	NA				NA		NA	NA	NA		NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	--
1,3,5-Trimethylbenzene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
sec-Butyl Benzene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Isopropyltoluene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,4-Dichlorobenzene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Hexachlorobutadiene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5
Naphthalene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
tert-Butyl Benzene	NA	NA				NA		NA	NA	NA		NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	5
2-Methylnaphthalene	NA	NA				NA		NA	NA	NA		NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	50
1,2,3-Trichlorobenzene	BDL	BDL				BDL		BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Diethylbenzene	NA	NA				NA		NA	NA	NA		NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	--
p-Ethyltoluene	NA	NA				NA		NA	NA	NA		NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	--
Methyl t-Butylether (MTBE)	BDL	BDL				BDL		BDL	BDL	BDL		BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Total VOCs	0.0	0.0				0.0		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50
SEMI-VOLATILE ORGANIC COMPOUNDS																					
Acenaphthene	BDL	BDL				BDL		BDL	LA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	20
Di-n-Butyl Phthalate	BDL	BDL				NA		NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	50
1,2-Dichlorobenzene	BDL	BDL				BDL		BDL	LA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	3
1,3-Dichlorobenzene	NA	NA				BDL		BDL	LA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	3
2-Methylnaphthalene	NA	NA				NA		NA	NA	NA		NA	NA	NA	BDL	BDL	NA	BDL	NA	NA	50
2-Methylphenol	NA	NA				NA		NA	NA	NA		NA	NA	NA	BDL	BDL	NA	BDL	NA	NA	1
3+4-Methylphenol	NA	NA				NA		NA	NA	NA		NA	NA	NA	BDL	BDL	NA	BDL	NA	NA	1
Nitrobenzene	NA	NA				BDL		BDL	LA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	0.4
N-Nitrosodi-n-Propylamine	NA	NA				BDL		6.7	LA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	--
Bis(2-Ethylhexyl)Phthalate	NA	NA				NA		NA	LA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	5
Assorted Semi-Vol. Org. Compounds	BDL	BDL				NA		NA	LA	BDL		BDL	NA	NA	NA	NA	NA	NA	NA	NA	--
Diethyl Phthalate	NA	NA				NA		NA	NA	NA		NA	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	50
1,4-Dichlorobenzene	BDL	BDL				BDL		BDL	LA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	3
2,4-Dinitrotoluene	BDL	BDL				BDL		BDL	LA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	5
Fluorene	BDL	BDL				BDL		BDL	LA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	50
Naphthalene	BDL	BDL				BDL		BDL	LA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	50
Total Semi-VOCs	0.0	0.0				0.0		6.7	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS																					
ph	5.57	5.76				NA		NA	NA	6.03		NA	NA	5.5	NA	NA	NA	5.55	NA	NA	--
Specific Conductance	263	254				NA		NA	NA	76		NA	NA	100	NA	NA	NA	80	NA	NA	--
Alkalinity as Calcium Carbonate	16	21.9				NA		NA	NA	12		NA	NA	5	NA	NA	NA	14	NA	NA	--
B.O.D.	BDL	BDL				NA		NA	NA	BDL		NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Chemical Oxygen Demand	BDL	BDL				NA		NA	NA	BDL		NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Hardness, Total	55.3	52.2				NA		NA	NA	19.5		NA	NA	19.9	NA	NA	NA	18.6	NA	NA	--
Nitrate as N	1.69	0.76				NA		NA	NA	0.27		NA	NA	0.29	NA	NA	NA	BDL	NA	NA	10
Total Phosphorus as P	BDL	BDL				NA		NA	NA	BDL		NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Sodium, Total	**21.9**	18.2				NA		NA	NA	4.87		NA	NA	9.39	NA	NA	NA	8.7	NA	NA	20
Total Kjeldahl as N	0.21	BDL				NA		NA	NA	BDL		NA	NA	0.21	NA	NA	NA	BDL	NA	NA	--
Ammonia as N	BDL	BDL				NA		NA	NA	BDL		NA	NA	BDL	NA	NA	NA	BDL	NA	NA	2
Sulfate	29	28.9				NA		NA	NA	10.3		NA	NA	10	NA	NA	NA	4.97	NA	NA	250
Chloride	37.5	37.5				NA		NA	NA	5		NA	NA	15	NA	NA	NA	23	NA	NA	250
Total Dissolved Solids	137	149				NA		NA	NA	47		NA	NA	69	NA	NA	NA	60	NA	NA	--
Total Suspended Solids	BDL	8.5				NA		NA	NA	3		NA	NA	BDL	NA	NA	NA	28	NA	NA	--
Arsenic	NA	NA				NA		NA	NA	BDL		NA	NA	BDL	NA	NA	NA	BDL	NA	NA	0.025
Aluminum, Total	BDL	0.237				NA		NA	NA	0.022		NA	NA	0.113	NA	NA	NA	0.023	NA	NA	--
Iron, Total	0.005	0.174				NA		NA	NA	0.012		NA	NA	0.046	NA	NA	NA	BDL	NA	NA	0.3
Manganese, Total	0.003	0.012				NA		NA	NA	0.003		NA	NA	0.01	NA	NA	NA	0.009	NA	NA	0.3
Nickel, Total	0.012	0.009				NA		NA	NA	BDL		NA	NA	BDL	NA	NA	NA	0.001	NA	NA	0.1
Chromium, Total	BDL	0.012				NA		NA	NA	BDL		NA	NA	0.002	NA	NA	NA	0.001	NA	NA	0.05

Well Dry No Sample for Sept

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
: Analytes and groundwater cleanup criteria specified for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 4
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
ON-SITE MONITORING WELL DATA
WELL NUMBER FTC-W-7B

FTC-W-7B	DATE SAMPLED																																NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/10/99	9/21/00	12/27/00	3/27/01	6/19/01	9/27/01	12/7/01	3/29/02	6/21/02	10/7/02	1/9/03	3/24/03	6/27/03	10/7/03	1/9/03	3/23/04	6/18/04	9/27/04	12/13/04	3/30/05	6/24/05	9/22/05	12/19/05	3/20/06	7/3/06	9/18/06	12/14/06	4/5/07	7/2/07	9/17/07	12/13/07		9/5/08	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	1
1,2,4,5-Tetramethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
c-1,2-Dichloroethene	2.1	2.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.7	1.5	1.3	BDL	BDL	BDL	BDL	2.8	BDL	BDL	Not Smpld 5th Qtr. Well	BDL	5
Benzene	**1.6**	**2.0**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.1	BDL	BDL	BDL	**1.1**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
4-Isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.3	BDL	BDL	BDL	1.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Trichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	5.6	BDL	BDL		BDL	50
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	2.4	1.8	2.4	2.5	BDL	1.6	1.9	BDL	BDL	1.5	1.9	BDL	BDL	2.0	1.8	BDL	1.5	0.8	2.5	2.9	BDL	2.6	BDL	BDL	BDL	BDL	2.0		3.6	5
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	7
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
m,p-Xylene	**6.6**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Isopropylbenzene	1.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.8	BDL	BDL	BDL	BDL	LA	LA	BDL		**5.3 B**	5
n-Propylbenzene	1.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
N-Butylbenzene	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~BDL~~	~~NA~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~		~~BDL~~	--
1,3,5-Trimethylbenzene	BDL	1.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,2,4-Trimethylbenzene	2.7	**5.8**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
sec-Butyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
p-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	2.2	BDL	BDL	BDL	BDL	BDL	BDL	**3.3**	**3.9**	BDL	BDL	BDL	2.5	BDL	2.5	1.7	**4.2**	**4.1**	BDL	**3.6**	2.3	BDL	2.0	BDL	BDL		**4.2**	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.5	BDL	BDL	**3.9**	BDL	BDL	BDL	BDL	BDL	BDL	1.1	BDL	BDL	BDL	1.5	1.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	3
Hexachlorobutadiene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	0.5
tert-Butyl Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	5
Naphthalene	BDL	21.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	50
1,2,3-Trichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
p-Diethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	--
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	--
Methyl t-Butylether (MTBE)	BDL	3.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	10
Total VOCs	15.9	36.5	0.0	0.0	2.4	1.8	4.6	5.0	0.0	1.6	8.2	0.0	0.0	4.8	8.2	0.0	1.1	2.0	4.3	0.0	5.0	3.2	9.7	11.0	0.0	6.2	2.3	0.0	10.4	0.0	2.0		13.1	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																																	
Acenaphthene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	20
Di-n-Butyl Phthalate	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												50
1,2-Dichlorobenzene	BDL	1.0	BDL	BDL	BDL	BDL	1.4	1.7	BDL	BDL	1.7	**5.5**	**5.7**	BDL	1.7	BDL	BDL	**13.2**	1.3	1.9	1.2	BDL	BDL	1.9	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	3
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	BDL	1.6	BDL	BDL	1.4	1.8	BDL	BDL	BDL	BDL	2.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	3
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA		BDL	50
2-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA		BDL	1
3+4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA		BDL	1
Nitrobenzene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	**1.0**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	0.4
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	50
Diethyl Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		4.9 J	50
N-Nitrosodi-n-Propylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	--
Bis(2-Ethylhexyl)Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	5
Assorted Semi-Vol. Org. Compounds	BDL	1.2*	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	--
1,4-Dichlorobenzene	BDL	1.3	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		2.3 J	3
2,4-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	5
Fluorene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	50
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	50
Total Semi-VOCs	0.0	2.3	0.0	0.0	0.0	0.0	1.4	1.7	1.6	0.0	1.7	6.9	8.5	0.0	1.7	16.3	0.0	15.5	1.3	1.9	1.2	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0		7.2	--
INORGANIC PARAMETERS (mg/l)																																	
ph	6.51	NA	NA	NA	5.63	NA	NA	NA	6.63	NA	NA	NA	6.64	NA	NA	NA	6.59	NA	NA	NA	6.46	NA	NA	NA	6.57	NA	NA	NA	6.61	NA	NA		NA	--
Specific Conductance	698	NA	NA	NA	871	NA	NA	NA	826	NA	NA	NA	1080	NA	NA	NA	1070	NA	NA	NA	1280	NA	NA	NA	1040	NA	NA	NA	908	NA	NA		NA	--
Alkalinity as Calcium Carbonate	158	NA	NA	NA	19	NA	NA	NA	182	NA	NA	NA	242	NA	NA	NA	272	NA	NA	NA	330	NA	NA	NA	300	NA	NA	NA	242	NA	NA		NA	--
B.O.D.	3	NA	NA	NA	3.8	NA	NA	NA	BDL	NA	NA	NA	2.8	NA	NA	NA	BDL	NA	NA	NA	3	NA	NA	NA	3.8	NA	NA	NA	2.4	NA	NA		NA	--
Chemical Oxygen Demand	45	NA	NA	NA	28	NA	NA	NA	BDL	NA	NA	NA	45	NA	NA	NA	33.4	NA	NA	NA	38	NA	NA	NA	41	NA	NA	NA	13.9	NA	NA		NA	--
Hardness, Total	87.7	NA	NA	NA	52.5	NA	NA	NA	42.3	NA	NA	NA	104	NA	NA	NA	133	NA	NA	NA	168	NA	NA	NA	152	NA	NA	NA	148	NA	NA		NA	--
Nitrate as N	BDL*	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	10
Total Phosphorus as P	0.09	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Sodium, Total	**61.6**	NA	NA	NA	**96.7**	NA	NA	NA	**87.8**	NA	NA	NA	**86.1**	NA	NA	NA	**83**	NA	NA	NA	**107**	NA	NA	NA	**77.5**	NA	NA	NA	**68.3**	NA	NA		**35.8**	20
Total Kjeldahl as N	8.84	NA	NA	NA	19.5	NA	NA	NA	19	NA	NA	NA	34.5	NA	NA	NA	30.8	NA	NA	NA	40.9	NA	NA	NA	30.4	NA	NA	NA	27.5	NA	NA		NA	--
Ammonia as N	**8.84**	NA	NA	NA	**19.5**	NA	NA	NA	**14**	NA	NA	NA	**34.3**	NA	NA	NA	**30.3**	NA	NA	NA	**35.8**	NA	NA	NA	**12**	NA	NA	NA	1.74	NA	NA		NA	2
Sulfate	31.5	NA	NA	NA	33.8	NA	NA	NA	38	NA	NA	NA	41.7	NA	NA	NA	22.3	NA	NA	NA	25	NA	NA	NA	26.8	NA	NA	NA	26.1	NA	NA		NA	250
Chloride	95	NA	NA	NA	123	NA	NA	NA	105	NA	NA	NA	145	NA	NA	NA	140	NA	NA	NA	160	NA	NA	NA	110	NA	NA	NA	105	NA	NA		NA	250
Total Dissolved Solids	310	NA	NA	NA	400	NA	NA	NA	360	NA	NA	NA	466	NA	NA	NA	494	NA	NA	NA	548	NA	NA	NA	454	NA	NA	NA	438	NA	NA		NA	--
Total Suspended Solids	44	NA	NA	NA	34	NA	NA	NA	26	NA	NA	NA	31	NA	NA	NA	20	NA	NA	NA	31	NA	NA	NA	24	NA	NA	NA	20	NA	NA		NA	--
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.017	NA	NA	NA	0.012	NA	NA		BDL	0.025
Aluminum, Total	BDL	NA	NA	NA	BDL	NA	NA	NA	0.011	NA	NA	NA	0.006	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.006	NA	NA		BDL	--
Iron, Total	**31.3**	NA	NA	NA	**19.7**	NA	NA	NA	**13.8**	NA	NA	NA	**20.3**	NA	NA	NA	**19.3**	NA	NA	NA	**18.9**	NA	NA	NA	**14**	NA	NA	NA	**15.8**	NA	NA		**9.36**	0.3
Manganese, Total	**3.1**	NA	NA	NA	**2.11**	NA	NA	NA	**2.49**	NA	NA	NA	**2.62**	NA	NA	NA	**2.24**	NA	NA	NA	**2.12**	NA	NA	NA	**156**	NA	NA	NA	**1.76**	NA	NA		**1.49**	0.3
Nickel, Total	0.008	NA	NA	NA	0.007	NA	NA	NA	0.006	NA	NA	NA	0.008	NA	NA	NA	0.007	NA	NA	NA	0.009	NA	NA	NA	0.007	NA	NA	NA	0.007	NA	NA		0.013	0.1
Chromium, Total	0.009	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA		BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
J: Estimated value
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specified for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 5
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
ON-SITE MONITORING WELL DATA
WELL NUMBER FTC-W-7C

FTC-W-7C	DATE SAMPLED																													NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/8/99	9/21/00	12/27/00	3/27/01	6/19/01	9/27/01	12/7/01	3/29/02	6/21/02	10/7/02	1/9/03	3/24/03	6/27/03	10/9/03	1/9/04	3/23/04	6/18/04	9/27/04	12/13/04	3/30/05	6/24/05	9/22/05	12/19/05	3/20/06	7/3/06	9/18/06	12/14/06	4/5/07	7/2/07	9/17/07	12/13/07	
Vinyl Chloride	1.2	BDL	BDL	1.1	BDL	1.6	**3.4**	**2.5**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	1.6	1.9	BDL	1.3	BDL	1.1	2.0	1.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	1
1,2,4,5-Tetramethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	--
c-1,2-Dichloroethene	4.7	3.6	BDL	2.3	1.5	3.2	**5.9**	**5.1**	BDL	1.9	1.6	BDL	BDL	1.3	1.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Benzene	**3.2**	1.7	BDL	BDL	BDL	0.9	1.0	0.8	BDL	BDL	**1.1**	BDL	BDL	BDL	**1.1**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.2	BDL	BDL	BDL	1.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Trichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Tetrachloroethene	1.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorobenzene	1.2	BDL	BDL	BDL	1.3	1.7	2.9	2.3	BDL	BDL	1.5	BDL	BDL	BDL	1.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	50
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	50
4-Isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	--
Isopropylbenzene	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	7
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	NA	NA	NA	5
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
sec-Butyl Benzene	1.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	LA	5
N-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	BDL	BDL	BDL	BDL	--
p-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,4-Dichlorobenzene	2.2	BDL	BDL	BDL	BDL	1.4	**7.1**	**5.4**	BDL	BDL	2.8	BDL	BDL	BDL	2.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Hexachlorobutadiene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
1,2,3-Trichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
tert-Butyl Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	5
p-Diethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	--
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	--
Methyl t-Butylether (MTBE)	5.7	2.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Total VOCs	25.5	9.3	0.0	4.7	2.8	9.9	22.3	17.8	0.0	1.9	8.2	0.0	0.0	1.3	8.2	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																															
Acenaphthene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	20
Di-n-Butyl Phthalate	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
1,2-Dichlorobenzene	1.0	**3.7**	BDL	BDL	BDL	BDL	BDL	**5.5**	**4.3**	BDL	BDL	**3.7**	BDL	3.0	BDL	BDL	BDL	2.4	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	3
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	1.5	1.1	BDL	BDL	1.1	BDL	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	3
Nitrobenzene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	0.4
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
N-Nitrosodi-n-Propylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	--
Bis(2-Ethylhexyl)Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	5
Diethyl Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	50
Assorted Semi-Vol. Org. Compounds	BDL	1.4	BDL	BDL	1.3	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	1.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	3
2,4-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	5
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	NA	NA	50
2-Methylpheno	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	NA	NA	1
3+4-Methylpheno	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	NA	NA	1
Fluorene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	50
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	50
Total Semi-VOCs	1.0	5.1	0.0	0.0	1.3	0.0	0.0	7.0	5.4	0.0	0.0	4.8	1.4	4.0	0.0	16.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)																															
ph	5.71	NA	NA	NA	6.07	NA	NA	NA	6.2	NA	NA	NA	6.38	NA	NA	NA	6.23	NA	NA	NA	6.04	NA	NA	NA	6.52	NA	NA	NA	6.47	NA	NA	--
Specific Conductance	781	NA	NA	NA	840	NA	NA	NA	815	NA	NA	NA	776	NA	NA	NA	740	NA	NA	NA	735	NA	NA	NA	795	NA	NA	NA	836	NA	NA	--
Alkalinity as Calcium Carbonate	59	NA	NA	NA	110	NA	NA	NA	140	NA	NA	NA	136	NA	NA	NA	95	NA	NA	NA	130	NA	NA	NA	90	NA	NA	NA	109	NA	NA	--
B.O.D.	2	NA	NA	NA	2	NA	NA	NA	BDL	NA	NA	NA	2.4	NA	NA	NA	BDL	NA	NA	NA	2	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Chemical Oxygen Demand	BDL	NA	NA	NA	31	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	40.6	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	14.6	NA	NA	--
Hardness, Total	181	NA	NA	NA	201	NA	NA	NA	146	NA	NA	NA	124	NA	NA	NA	100	NA	NA	NA	1.2	NA	NA	NA	154	NA	NA	NA	183	NA	NA	--
Nitrate as N	0.23	NA	NA	NA	0.18	NA	NA	NA	BDL	NA	NA	NA	0.05	NA	NA	NA	0.18	NA	NA	NA	0.32	NA	NA	NA	0.7	NA	NA	NA	0.125	NA	NA	10
Total Phosphorus as P	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Sodium, Total	**60.4**	NA	NA	NA	0.017	NA	NA	NA	**72.9**	NA	NA	NA	**62.9**	NA	NA	NA	**56.7**	NA	NA	NA	**62.5**	NA	NA	NA	**42.7**	NA	NA	NA	**45.6**	NA	NA	20
Total Kjeldahl as N	5.86	NA	NA	NA	5.51	NA	NA	NA	10.2	NA	NA	NA	16.3	NA	NA	NA	16.9	NA	NA	NA	18.6	NA	NA	NA	18.9	NA	NA	NA	16.9	NA	NA	--
Ammonia as N	**5.86**	NA	NA	NA	**5.1**	NA	NA	NA	**8.5**	NA	NA	NA	**16.2**	NA	NA	NA	**16.7**	NA	NA	NA	**18.0**	NA	NA	NA	**10.1**	NA	NA	NA	**10.8**	NA	NA	2
Sulfate	185	NA	NA	NA	159	NA	NA	NA	72	NA	NA	NA	38.9	NA	NA	NA	37.4	NA	NA	NA	49.2	NA	NA	NA	74.2	NA	NA	NA	130	NA	NA	250
Chloride	70	NA	NA	NA	90	NA	NA	NA	110	NA	NA	NA	115	NA	NA	NA	130	NA	NA	NA	105	NA	NA	NA	65	NA	NA	NA	83	NA	NA	250
Total Dissolved Solids	425	NA	NA	NA	504	NA	NA	NA	405	NA	NA	NA	375	NA	NA	NA	419	NA	NA	NA	364	NA	NA	NA	397	NA	NA	NA	474	NA	NA	--
Total Suspended Solids	BDL	NA	NA	NA	1.0	NA	NA	NA	2	NA	NA	NA	1.0	NA	NA	NA	BDL	NA	NA	NA	2.0	NA	NA	NA	BDL	NA	NA	NA	16.0	NA	NA	--
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	0.025
Aluminum, Total	BDL	NA	NA	NA	0.022	NA	NA	NA	0.049	NA	NA	NA	0.068	NA	NA	NA	0.076	NA	NA	NA	0.005	NA	NA	NA	0.009	NA	NA	NA	0.012	NA	NA	--
Iron, Total	0.023	NA	NA	NA	**1.10**	NA	NA	NA	**0.904**	NA	NA	NA	**1.03**	NA	NA	NA	**0.34**	NA	NA	NA	**0.48**	NA	NA	NA	0.108	NA	NA	NA	0.090	NA	NA	0.3
Manganese, Total	**4.46**	NA	NA	NA	**5.40**	NA	NA	NA	**4**	NA	NA	NA	**2.63**	NA	NA	NA	**2.28**	NA	NA	NA	**2.29**	NA	NA	NA	**2.97**	NA	NA	NA	**3.90**	NA	NA	0.3
Nickel, Total	**0.694**	NA	NA	NA	0.001	NA	NA	NA	0.027	NA	NA	NA	0.012	NA	NA	NA	0.009	NA	NA	NA	0.007	NA	NA	NA	0.010	NA	NA	NA	0.013	NA	NA	0.1
Chromium, Total	BDL	NA	NA	NA	0.001	NA	NA	NA	0.004	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
: Analytes and groundwater cleanup criteria specified for termination of remedial systen
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 6
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
ON-SITE MONITORING WELL DATA
WELL NUMBER FTC-W-7D

FTC-W-7D	DATE SAMPLED									NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/8/99	6/14/00	6/19/01	6/21/02	6/27/03	6/18/04	6/24/05	7/3/06	7/2/07	
Vinyl Chloride	**2.4**	**3.3**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	1.3	3.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	BDL	NA	1
1,2,4,5-Tetramethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	--
c-1,2-Dichloroethene	3.6	**14.2**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Benzene	BDL	**5.9**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Trichloroethene	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	5
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorobenzene	BDL	2.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	BDL	50
Chloroform	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	7
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	BDL	NA	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	50
4-Isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	--
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
sec-Butyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,4-Dichlorobenzene	1.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	BDL	LA	5
N-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	--
Hexachlorobutadiene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
tert-Butyl Benzene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	5
1,2,3-Trichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Diethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	--
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Total VOCs	8.7	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)										
Acenaphthene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	20
Di-n-Butyl Phthalate	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	50
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,3-Dichlorobenzene	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	3
Nitrobenzene	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	0.4
Phenanthrene	NA	NA	NA	BDL	NA	NA	NA	NA	NA	50
N-Nitrosodi-n-Propylamine	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	--
Diethyl Phthalate	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	50
Bis(2-Ethylhexyl)Phthalate	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	5
Assorted Semi-Vol. Org. Compounds	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	--
1,4-Dichlorobenzene	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	3
2,4-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	50
2-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	BDL	1
3+4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	BDL	1
Fluorene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)										
ph	5.17	5.64	6.69	5.79	5.72	5.31	6.05	6.16	6.82	--
Specific Conductance	486	464	248	260	288	382	410	425	415	--
Alkalinity as Calcium Carbonate	14	39.8	187	22	10.0	7.0	6.0	8.0	20.00	--
B.O.D.	2	2.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Chemical Oxygen Demand	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Hardness, Total	68.2	34.0	25.8	32.9	41.1	55.6	58.8	57.9	58.1	--
Nitrate as N	1.57	2.05	2.74	2.42	2.39	2.43	2.34	2.45	0.226	10
Total Phosphorus as P	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Sodium, Total	**57.7**	**54.4**	0.017	**22.9**	**29.3**	**39.4**	**46.8**	**45.6**	**51.1**	20
Total Kjeldahl as N	1.15	3.77	2.80	2.96	1.41	1.42	1.46	1.75	1.82	--
Ammonia as N	0.88	**2.92**	**2.80**	**2.67**	1.26	1.39	1.34	1.30	0.874	2
Sulfate	49.4	46.0	16.4	8.93	8.1	7.7	10.5	11.9	10.5	250
Chloride	80	75.0	35	50	62.5	87.5	93.0	100	110	250
Total Dissolved Solids	248	251	125	120	1.74	2.31	268	262	286	--
Total Suspended Solids	BDL	5	11	1	BDL	BDL	BDL	1	12.0	--
Arsenic	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	0.025
Aluminum, Total	BDL	0.200	0.583	0.049	0.133	0.020	BDL	BDL	0.01	--
Iron, Total	0.013	0.093	0.252	0.056	0.064	0.017	0.005	0.016	BDL	0.3
Manganese, Total	0.104	0.080	0.060	0.072	0.083	0.098	0.107	0.116	0.121	0.3
Nickel, Total	0.012	0.003	0.001	BDL	0.003	0.005	0.003	BDL	0.002	0.1
Chromium, Total	BDL	BDL	0.001	BDL	0.001	BDL	BDL	BDL	BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
: Analytes and groundwater cleanup criteria specified for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 7
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
ON-SITE MONITORING WELL DATA
WELL NUMBER FTC-W-9A

FTC-W-9A	DATE SAMPLED																									NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/10/99	9/19/00	3/27/01	6/18/01			10/7/03	12/23/03	3/23/04	6/14/04	9/27/04	12/13/04	3/30/05	6/20/05	9/26/05	12/19/05	3/20/06	6/14/06	9/18/06	12/14/06	4/2/07	6/19/07	9/17/07	12/19/07		9/4/08	
Vinyl Chloride	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,1,2-Trichloroethane	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA		NA	1
1,2,4,5-Tetramethylbenzene	NA	NA	NA	NA	Well Dry No Sample for Sept	Well Dry No Sample for Sept	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	NA	BDL	BDL	BDL	Not Smpld 5th Qtr. Well	BDL	--
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Benzene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	1
Toluene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Trichloroethene	NA	NA	NA	NA			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Tetrachloroethene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Acetone	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		BDL	50
2-Methylnaphthalene	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	NA	BDL	BDL	BDL		BDL	50
4-Isopropyltoluene	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	NA	BDL	BDL	BDL		BDL	--
m,p-Xylene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
o-Xylene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
n-Propylbenzene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chloroform	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	7
Dichlorodifluoromethane	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	NA	NA	NA	NA		NA	5
1,3,5-Trimethylbenzene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
sec-Butyl Benzene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
p-Isopropyltoluene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4	BDL	BDL	BDL	BDL		BDL	3
Hexachlorobutadiene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	0.5
Methylene Chloride	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	LA	LA	LA	BDL		3.5 B	5
Naphthalene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	50
tert-Butyl Benzene	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		BDL	5
N-Butylbenzene	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	BDL	BDL	BDL		BDL	--
1,2,3-Trichlorobenzene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
p-Diethylbenzene	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	NA	BDL	BDL	BDL		BDL	--
p-Ethyltoluene	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	NA	BDL	BDL	BDL		BDL	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	10
Total VOCs	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0		3.5	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																											
Acenaphthene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	20
Di-n-Butyl Phthalate	BDL	BDL	BDL	BDL			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	50
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	3
1,3-Dichlorobenzene	NA	NA	NA	NA			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	3
Nitrobenzene	NA	NA	NA	NA			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	0.4
Bis(2-Ethylhexyl)Phthalate	NA	NA	NA	NA			NA	NA	BDL	BDL	BDL	BDL	3.6	BDL	BDL	BDL	3.6	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	5
N-Nitrosodi-n-Propylamine	NA	NA	NA	NA			NA	NA	BDL	BDL	BDL	2.7	BDL	BDL	BDL	NA	BDL	2.0	BDL	BDL	BDL	BDL	NA	NA		BDL	--
Diethyl Phthalate	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	3.4	BDL	BDL	BDL	3.4	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	50
Assorted Semi-Vol. Org. Compounds	BDL	BDL	BDL	BDL			NA	NA	BDL	BDL	3.5	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	--
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	3
2,4-Dinitrotoluene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	5
2-Methylnaphthalene	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA		BDL	50
2-Methylphenol	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**5.5**	BDL	BDL	BDL	NA	NA		BDL	1
3+4-Methylphenol	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**5.8**	BDL	BDL	BDL	NA	NA		BDL	1
Fluorene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	50
Naphthalene	BDL	BDL	BDL	BDL			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	50
Total Semi-VOCs	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	3.5	2.7	7.0	0.0	0.0	0.0	7.0	2.0	11.3	0.0	0.0	0.0	0.0	0.0		0.0	--
INORGANIC PARAMETERS (mg/l)																											
ph	6.28	NA	NA	6.02			NA	NA	NA	5.99	NA	NA	NA	5.87	NA	NA	NA	5.91	NA	NA	NA	6.02	NA	NA		NA	--
Specific Conductance	324	NA	NA	527			NA	NA	NA	784	NA	NA	NA	607	NA	NA	NA	508	NA	NA	NA	326	NA	NA		NA	--
Alkalinity as Calcium Carbonate	88	NA	NA	73			NA	NA	NA	81	NA	NA	NA	86	NA	NA	NA	82	NA	NA	NA		NA	NA		NA	--
B.O.D.	BDL	NA	NA	BDL			NA	NA	NA	2.8	NA	NA	NA	4.0	NA	NA	NA	9.0	NA	NA	NA	BDL	NA	NA		NA	--
Chemical Oxygen Demand	BDL	NA	NA	BDL			NA	NA	NA	28.6	NA	NA	NA	48	NA	NA	NA	81	NA	NA	NA	BDL	NA	NA		NA	--
Hardness, Total	95.7	NA	NA	123			NA	NA	NA	145	NA	NA	NA	109	NA	NA	NA	102	NA	NA	NA	74.2	NA	NA		NA	--
Nitrate as N	0.6	NA	NA	2.95			NA	NA	NA	2.09	NA	NA	NA	3.65	NA	NA	NA	2.15	NA	NA	NA	4.28	NA	NA		NA	10
Total Phosphorus as P	0.05	NA	NA	0.12			NA	NA	NA	0.07	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Sodium, Total	**125**	NA	NA	**51.0**			NA	NA	NA	**82.0**	NA	NA	NA	**67.7**	NA	NA	NA	**53.5**	NA	NA	NA	**42.9**	NA	NA		19.7	20
Total Kjeldahl as N	0.62	NA	NA	0.38			NA	NA	NA	0.29	NA	NA	NA	0.29	NA	NA	NA	1.13	NA	NA	NA	BDL	NA	NA		NA	--
Ammonia as N	0.35	NA	NA	BDL			NA	NA	NA	BDL	NA	NA	NA	0.2	NA	NA	NA	0.67	NA	NA	NA	0.0553	NA	NA		NA	2
Sulfate	24	NA	NA	31.4			NA	NA	NA	40.5	NA	NA	NA	34.7	NA	NA	NA	30.6	NA	NA	NA	24.7	NA	NA		NA	250
Chloride	22.5	NA	NA	85			NA	NA	NA	157	NA	NA	NA	87.5	NA	NA	NA	70	NA	NA	NA	62.5	NA	NA		NA	250
Total Dissolved Solids	164	NA	NA	292			NA	NA	NA	476	NA	NA	NA	322	NA	NA	NA	293	NA	NA	NA	236	NA	NA		NA	--
Total Suspended Solids	6	NA	NA	58			NA	NA	NA	20	NA	NA	NA	3	NA	NA	NA	8	NA	NA	NA	1.0	NA	NA		NA	--
Arsenic	NA	NA	NA	NA			NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		BDL	0.025
Aluminum, Total	BDL	NA	NA	0.268			NA	NA	NA	0.221	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA		0.009	--
Iron, Total	**0.638**	NA	NA	**0.889**			NA	NA	NA	**1.730**	NA	NA	NA	**1.340**	NA	NA	NA	**5.35**	NA	NA	NA	BDL	NA	NA		0.02	0.3
Manganese, Total	**0.565**	NA	NA	0.011			NA	NA	NA	0.037	NA	NA	NA	**0.362**	NA	NA	NA	**0.533**	NA	NA	NA	0.203	NA	NA		0.011	0.3
Nickel, Total	0.023	NA	NA	0.054			NA	NA	NA	0.029	NA	NA	NA	0.036	NA	NA	NA	0.012	NA	NA	NA	BDL	NA	NA		BDL	0.1
Chromium, Total	BDL	NA	NA	0.031			NA	NA	NA	0.189	NA	NA	NA	0.003	NA	NA	NA	0.002	NA	NA	NA	0.001	NA	NA		BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specified for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 8
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
ON-SITE MONITORING WELL DATA
WELL NUMBER FTC-W-9B

FTC-W-9B	DATE SAMPLED																																NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/10/99	9/19/00	12/29/00	3/27/01	6/18/01	9/26/01	12/7/01	3/28/02	6/21/02	10/7/02	12/30/02	3/24/03	6/26/03	10/7/03	12/23/03	3/23/04	6/14/04	9/27/04	12/13/04	3/30/05	6/20/05	9/26/05	12/19/05	3/20/06	6/14/06	9/18/06	12/14/06	4/2/07	6/19/07	9/17/07	12/19/07	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA		1
1,2,4,5-Tetramethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	50
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Trichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**9.1**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**38**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
4-Isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	5
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
sec-Butyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Hexachlorobutadiene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	LA	BDL	LA	BDL	BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
N-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	BDL	BDL	BDL	BDL	BDL	--
tert-Butyl Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	5
1,2,3-Trichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Diethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Total VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																																	
Acenaphthene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		20
Di-n-Butyl Phthalate	BDL	BDL	1.3	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	**5.2**	BDL	1.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		3
1,3-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	1.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		3
Nitrobenzene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		0.4
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		50
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		3
Bis(2-Ethylhexyl)Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		5
N-Nitrosodi-n-Propylamine	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	23.2	**BDL**	**BDL**	**BDL**	**BDL**	**BDL**	**BDL**	**BDL**	**BDL**	**BDL**	**BDL**	**BDL**	**BDL**	**BDL**	**NA**	**NA**		**--**
Diethyl Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		50
Assorted Semi-Vol. Org. Compounds	BDL	BDL	1.9	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		--
2,4-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		5
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	NA	NA	50
2-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	NA	NA	1
3+4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	NA	NA	1
Fluorene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		50
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		50
Total Semi-VOCs	0.0	0.0	3.2	0.0	0.0	0.0	6.5	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	23.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		--
INORGANIC PARAMETERS (mg/l)																																	
ph	6.65	NA	NA	NA	6.76	NA	NA	NA	6.42	NA	NA	NA	6.65	NA	NA	NA	6.56	NA	NA	NA	6.13	NA	NA	NA	6.24	NA	NA	NA	6.34	NA	NA		--
Specific Conductance	564	NA	NA	NA	597	NA	NA	NA	926	NA	NA	NA	466	NA	NA	NA	470	NA	NA	NA	442	NA	NA	NA	448	NA	NA	NA	346	NA	NA		--
Alkalinity as Calcium Carbonate	40	NA	NA	NA	66	NA	NA	NA	156	NA	NA	NA	56	NA	NA	NA	43	NA	NA	NA	34	NA	NA	NA	40	NA	NA	NA	LA	NA	NA		--
B.O.D.	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		--
Chemical Oxygen Demand	BDL	NA	NA	NA	BDL	NA	NA	NA	97.9	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		--
Hardness, Total	61.5	NA	NA	NA	79.6	NA	NA	NA	188	NA	NA	NA	80	NA	NA	NA	57.2	NA	NA	NA	48.5	NA	NA	NA	53.1	NA	NA	NA	50.7	NA	NA		--
Nitrate as N	BDL*	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		10
Total Phosphorus as P	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.09	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		--
Sodium, Total	**65.2**	NA	NA	NA	0.017	NA	NA	NA	**82.7**	NA	NA	NA	**51.7**	NA	NA	NA	**52.6**	NA	NA	NA	**51.0**	NA	NA	NA	**54.9**	NA	NA	NA	**53.4**	NA	NA		20
Total Kjeldahl as N	4.74	NA	NA	NA	2.90	NA	NA	NA	6.34	NA	NA	NA	2.59	NA	NA	NA	1.99	NA	NA	NA	1.26	NA	NA	NA	0.99	NA	NA	NA	BDL	NA	NA		--
Ammonia as N	**4.26**	NA	NA	NA	**2.89**	NA	NA	NA	**5.61**	NA	NA	NA	**2.47**	NA	NA	NA	1.86	NA	NA	NA	0.17	NA	NA	NA	0.91	NA	NA	NA	1.0	NA	NA		2
Sulfate	25.1	NA	NA	NA	35.0	NA	NA	NA	75.2	NA	NA	NA	27.7	NA	NA	NA	25.1	NA	NA	NA	22.9	NA	NA	NA	23.1	NA	NA	NA	BDL	NA	NA		250
Chloride	120	NA	NA	NA	113	NA	NA	NA	140	NA	NA	NA	95	NA	NA	NA	95	NA	NA	NA	82	NA	NA	NA	90	NA	NA	NA	87.5	NA	NA		250
Total Dissolved Solids	264	NA	NA	NA	337	NA	NA	NA	476	NA	NA	NA	274	NA	NA	NA	262	NA	NA	NA	204	NA	NA	NA	220	NA	NA	NA	326	NA	NA		--
Total Suspended Solids	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	1.0	NA	NA	NA	1.0	NA	NA	NA	0.5	NA	NA		--
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		0.025
Aluminum, Total	BDL	NA	NA	NA	BDL	NA	NA	NA	0.008	NA	NA	NA	0.006	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		--
Iron, Total	0.013	NA	NA	NA	0.034	NA	NA	NA	0.051	NA	NA	NA	0.029	NA	NA	NA	0.022	NA	NA	NA	0.018	NA	NA	NA	0.020	NA	NA	NA	0.010	NA	NA		0.3
Manganese, Total	**2.84**	NA	NA	NA	**5.02**	NA	NA	NA	**9.67**	NA	NA	NA	**4.16**	NA	NA	NA	**2.79**	NA	NA	NA	**2.42**	NA	NA	NA	**2.36**	NA	NA	NA	**2.39**	NA	NA		0.3
Nickel, Total	BDL	NA	NA	NA	0.001	NA	NA	NA	0.004	NA	NA	NA	0.002	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.002	NA	NA		0.1
Chromium, Total	BDL	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.002	NA	NA	NA	0.001	NA	NA		0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
: Analytes and groundwater cleanup criteria specified for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 9
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
ON-SITE MONITORING WELL DATA
WELL NUMBER FTC-W-14A

FTC-W-14A	DATE SAMPLED																																NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/10/99	9/25/00	1/17/01	3/27/01	6/15/01	9/27/01	12/6/01	3/28/02	6/21/02	10/8/02	12/30/02	3/24/03	6/26/03	10/8/03	12/23/03	3/23/04	6/23/04	9/27/04	12/15/04	4/4/05	6/23/05	9/26/05	12/23/05	3/31/06	7/3/06	9/25/06	12/15/06	4/6/07	7/2/07	9/24/07	12/19/07	9/4/08	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA		1
1,2,4,5-Tetramethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	LA	BDL	BDL	BDL	50
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.2	BDL	BDL	BDL	BDL	BDL	5
Trichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
4-Isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
sec-Butyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Hexachlorobutadiene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	LA	LA	BDL	BDL	3.3 B	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.1	BDL	BDL	BDL	BDL	50
tert-Butyl Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	5
N-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	BDL	BDL	--
1,2,3-Trichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	`	BDL	5
p-Diethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	--
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Total VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	3.3	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																																	
Acenaphthene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	20
Di-n-Butyl Phthalate	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	3
1,3-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	3
Nitrobenzene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	0.4
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	BDL	3
Bis(2-Ethylhexyl)Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	1.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.7	BDL	BDL	BDL	NA	NA	BDL	5
N-Nitrosodi-n-Propylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	--
Diethyl Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	50
Assorted Semi-Vol. Org. Compounds	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
2,4-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	5
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	50
2-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	1
3+4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	1
Fluorene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	50
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)																																	
ph	6.42	NA	NA	NA	6.01	NA	NA	NA	6.03	NA	NA	NA	5.82	NA	NA	NA	5.94	NA	NA	NA	6.1	NA	NA	NA	6.24	NA	NA	NA	6.48	NA	NA	NA	--
Specific Conductance	158	NA	NA	NA	270	NA	NA	NA	352	NA	NA	NA	309	NA	NA	NA	248	NA	NA	NA	265	NA	NA	NA	196	NA	NA	NA	225	NA	NA	NA	--
Alkalinity as Calcium Carbonate	46	NA	NA	NA	47	NA	NA	NA	41	NA	NA	NA	22	NA	NA	NA	42	NA	NA	NA	45	NA	NA	NA	29	NA	NA	NA	75	NA	NA	NA	--
B.O.D.	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	--
Chemical Oxygen Demand	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	--
Hardness, Total	47.5	NA	NA	NA	46.7	NA	NA	NA	7.8	NA	NA	NA	60.4	NA	NA	NA	52.2	NA	NA	NA	47.4	NA	NA	NA	43.9	NA	NA	NA	51.1	NA	NA	NA	--
Nitrate as N	0.44	NA	NA	NA	1.47	NA	NA	NA	2.8	NA	NA	NA	1.24	NA	NA	NA	1.89	NA	NA	NA	1.15	NA	NA	NA	1.1	NA	NA	NA	0.114	NA	NA	NA	10
Total Phosphorus as P	0.07	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.25	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	--
Sodium, Total	11.4	NA	NA	NA	0.017	NA	NA	NA	2.83	NA	NA	NA	**26.6**	NA	NA	NA	**23.1**	NA	NA	NA	**30.6**	NA	NA	NA	15.5	NA	NA	NA	**26.1**	NA	NA	5.79	20
Total Kjeldahl as N	0.4	NA	NA	NA	0.33	NA	NA	NA	0.32	NA	NA	NA	0.16	NA	NA	NA	0.12	NA	NA	NA	BDL	NA	NA	NA	0.34	NA	NA	NA	0.549	NA	NA	NA	--
Ammonia as N	0.15	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	2
Sulfate	7.28	NA	NA	NA	22.4	NA	NA	NA	35.6	NA	NA	NA	23	NA	NA	NA	22.6	NA	NA	NA	17.8	NA	NA	NA	10.1	NA	NA	NA	12.7	NA	NA	NA	250
Chloride	7.5	NA	NA	NA	30	NA	NA	NA	42.5	NA	NA	NA	50	NA	NA	NA	27.5	NA	NA	NA	27.5	NA	NA	NA	28	NA	NA	NA	33.0	NA	NA	NA	250
Total Dissolved Solids	92	NA	NA	NA	158	NA	NA	NA	181	NA	NA	NA	183	NA	NA	NA	132	NA	NA	NA	136	NA	NA	NA	115	NA	NA	NA	162	NA	NA	NA	--
Total Suspended Solids	20	NA	NA	NA	31	NA	NA	NA	19	NA	NA	NA	BDL	NA	NA	NA	11	NA	NA	NA	BDL	NA	NA	NA	6	NA	NA	NA	36	NA	NA	NA	--
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	BDL	0.025
Aluminum, Total	BDL	NA	NA	NA	0.169	NA	NA	NA	0.087	NA	NA	NA	0.094	NA	NA	NA	0.101	NA	NA	NA	0.048	NA	NA	NA	0.125	NA	NA	NA	0.201	NA	NA	0.014	--
Iron, Total	**0.38**	NA	NA	NA	**0.546**	NA	NA	NA	0.3	NA	NA	NA	0.246	NA	NA	NA	**0.478**	NA	NA	NA	0.184	NA	NA	NA	**0.371**	NA	NA	NA	**0.849**	NA	NA	**0.476**	0.3
Manganese, Total	**0.59**	NA	NA	NA	0.232	NA	NA	NA	0.111	NA	NA	NA	0.081	NA	NA	NA	0.160	NA	NA	NA	0.029	NA	NA	NA	0.085	NA	NA	NA	**0.311**	NA	NA	0.038	0.3
Nickel, Total	0.005	NA	NA	NA	0.001	NA	NA	NA	0.005	NA	NA	NA	0.007	NA	NA	NA	0.006	NA	NA	NA	0.007	NA	NA	NA	0.002	NA	NA	NA	0.007	NA	NA	BDL	0.1
Chromium, Total	0.008	NA	NA	NA	0.008	NA	NA	NA	0.007	NA	NA	NA	BDL	NA	NA	NA	0.022	NA	NA	NA	0.020	NA	NA	NA	0.006	NA	NA	NA	0.011	NA	NA	BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specified for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 10
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
ON-SITE MONITORING WELL DATA
WELL NUMBER FTC-W-14B

FTC-W-14B	DATE SAMPLED																																		NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/10/99	10/12/00	1/17/01	3/27/01	6/15/01	9/27/01	12/6/01	3/28/02	6/21/02	10/8/02	12/30/02	3/24/03	6/26/03	10/8/03	12/23/03	3/23/04	6/23/04	9/27/04	12/15/04	4/1/05	6/23/05	9/26/05	12/23/05	3/31/06	7/3/06	9/18/06	12/14/06	4/6/07	7/2/07	9/24/07	12/19/07		9/5/08	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,2,4,5-Tetramethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	Not Smpld 5th Qtr. Well	BDL	5
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	50
4-Isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	LA	BDL		BDL	50
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Trichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	7
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA		NA	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,3,5-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA		NA	1
sec-Butyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
p-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	3
Hexachlorobutadiene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	0.5
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	LA	LA	BDL	BDL		**6.2 B**	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	50
n-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	BDL	BDL	BDL	BDL		BDL	--
tert-Butyl Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	5
1,2,3-Trichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
p-Diethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	10
Total VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		6.2	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																																	
Acenaphthene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	20
Anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	50
Di-n-Butyl Phthalate	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		NA	50
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	3
1,3-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	3
Nitrobenzene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	0.4
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	50
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	3
Bis(2-Ethylhexyl)Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	3.5	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	5
N-Nitrosodi-n-Propylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.1	BDL	BDL	7.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	--
Diethyl Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA		BDL	50
Assorted Semi-Vol. Org. Compounds	BDL	BDL	BDL	BDL	1.0	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	--
2,4-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	5
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA		BDL	50
2-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA		BDL	1
3+4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA		BDL	1
Fluorene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	50
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA		BDL	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	17.1	3.5	0.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	--
INORGANIC PARAMETERS (mg/l)																																	
ph	6.17	NA	NA	NA	6.19	NA	NA	NA	6.24	NA	NA	NA	6.32	NA	NA	NA	6.24	NA	NA	NA	6.10	NA	NA	NA	6.23	NA	NA	NA	6.41	NA	NA		NA	--
Specific Conductance	568	NA	NA	NA	499	NA	NA	NA	681	NA	NA	NA	492	NA	NA	NA	349	NA	NA	NA	399	NA	NA	NA	256	NA	NA	NA	300	NA	NA		NA	--
Alkalinity as Calcium Carbonate	60	NA	NA	NA	70.0	NA	NA	NA	84	NA	NA	NA	22.0	NA	NA	NA	58.0	NA	NA	NA	60.0	NA	NA	NA	47.0	NA	NA	NA	34.0	NA	NA		NA	--
B.O.D.	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Chemical Oxygen Demand	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	28.6	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Hardness, Total	190	NA	NA	NA	158	NA	NA	NA	265	NA	NA	NA	155	NA	NA	NA	106	NA	NA	NA	92.1	NA	NA	NA	48.8	NA	NA	NA	94.2	NA	NA		NA	--
Nitrate as N	2.59	NA	NA	NA	1.89	NA	NA	NA	1.25	NA	NA	NA	0.91	NA	NA	NA	0.092	NA	NA	NA	0.350	NA	NA	NA	0.490	NA	NA	NA	0.565	NA	NA		NA	10
Total Phosphorus as P	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Sodium, Total	**23.9**	NA	NA	NA	17.1	NA	NA	NA	**23.1**	NA	NA	NA	**28.5**	NA	NA	NA	**20.5**	NA	NA	NA	**37.0**	NA	NA	NA	**26.1**	NA	NA	NA	19.6	NA	NA		10.2	20
Total Kjeldahl as N	0.42	NA	NA	NA	0.27	NA	NA	NA	0.82	NA	NA	NA	1.40	NA	NA	NA	0.20	NA	NA	NA	0.18	NA	NA	NA	0.22	NA	NA	NA	BDL	NA	NA		NA	--
Ammonia as N	BDL	NA	NA	NA	BDL	NA	NA	NA	0.43	NA	NA	NA	0.96	NA	NA	NA	0.10	NA	NA	NA	0.18	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	2
Sulfate	158	NA	NA	NA	110	NA	NA	NA	160	NA	NA	NA	83.7	NA	NA	NA	46.1	NA	NA	NA	29.4	NA	NA	NA	30.6	NA	NA	NA	55.2	NA	NA		NA	250
Chloride	20	NA	NA	NA	33	NA	NA	NA	50	NA	NA	NA	42.5	NA	NA	NA	22.5	NA	NA	NA	65.0	NA	NA	NA	20.0	NA	NA	NA	38.0	NA	NA		NA	250
Total Dissolved Solids	347	NA	NA	NA	342	NA	NA	NA	440	NA	NA	NA	305	NA	NA	NA	201	NA	NA	NA	220	NA	NA	NA	148	NA	NA	NA	264	NA	NA		NA	--
Total Suspended Solids	1	NA	NA	NA	1.0	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	1	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	14.0	NA	NA		NA	--
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	NA		BDL	0.025
Aluminum, Total	BDL	NA	NA	NA	BDL	NA	NA	NA	0.01	NA	NA	NA	0.013	NA	NA	NA	0.011	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.008	NA	NA		BDL	--
Iron, Total	**0.422**	NA	NA	NA	0.002	NA	NA	NA	0.039	NA	NA	NA	0.05	NA	NA	NA	0.037	NA	NA	NA	0.007	NA	NA	NA	0.033	NA	NA	NA	0.002	NA	NA		0.025	0.3
Manganese, Total	**4.37**	NA	NA	NA	0.001	NA	NA	NA	**1.03**	NA	NA	NA	**0.94**	NA	NA	NA	**0.492**	NA	NA	NA	**0.585**	NA	NA	NA	0.297	NA	NA	NA	0.249	NA	NA		**0.322**	0.3
Nickel, Total	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA		BDL	0.1
Chromium, Total	0.002	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	0.007	NA	NA	NA	0.001	NA	NA		BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specified for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 11
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
ON-SITE MONITORING WELL DATA
WELL NUMBER FTC-W-23

FTC-W-23	DATE SAMPLED											NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/8/99	6/15/00	6/14/01	7/2/02	6/30/03	6/21/04	6/21/05	6/14/06	6/26/07		9/5/08	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	Not Smpld 5th Qtr. Well	BDL	5
1,2,4,5-Tetramethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	BDL		BDL	--
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	BDL		BDL	50
4-Isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	BDL		BDL	--
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	BDL		BDL	50
Benzene	BDL	**5.2**	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	1
Chloroform	NA	NA	NA	NA	NA	NA	NA	0.8	BDL		BDL	7
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Tetrachloroethene	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL		BDL	5
Chlorobenzene	BDL	**7.0**	1.6	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.2	BDL		BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.3	BDL		BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,3,5-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.3	BDL		BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.2	BDL		BDL	5
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	BDL	BDL	NA		NA	1
sec-Butyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL		BDL	5
p-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5	BDL		BDL	5
1,4-Dichlorobenzene	BDL	**17.8**	**3.1**	BDL	BDL	BDL	BDL	1.1	BDL		BDL	3
1,2-Dichlorobenzene	BDL	**6.4**	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	3
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	BDL	BDL	NA		NA	5
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	BDL	BDL		4.6 B	5
Hexachlorobutadiene	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL		BDL	0.5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	46.1	BDL		BDL	50
n-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	BDL		BDL	--
tert-Butyl Benzene	NA	NA	NA	NA	NA	NA	NA	NA	BDL		BDL	5
1,2,3-Trichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
p-Diethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	BDL		BDL	--
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	BDL		BDL	--
Methyl t-Butylether (MTBE)	BDL	9.8	BDL	BDL	BDL	BDL	BDL	6.5	BDL		BDL	10
Total VOCs	0.0	46.2	4.7	0.0	0.0	0.0	0.0	**62.0**	0.0		4.6	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)												
Acenaphthene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	20
Anthracene	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL		BDL	50
Di-n-Butyl Phthalate	BDL	BDL	BDL	NA	NA	NA	1.0	BDL	BDL		NA	50
1,2-Dichlorobenzene	BDL	1.3	BDL	BDL	**6.5**	BDL	NA	1.2	BDL		BDL	3
1,3-Dichlorobenzene	NA	NA	NA	BDL	1.5	BDL	BDL	BDL	BDL		BDL	3
Nitrobenzene	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	0.4
Phenanthrene	NA	NA	NA	BDL	NA	NA	BDL	BDL	BDL		BDL	50
Bis(2-Ethylhexyl)Phthalate	NA	NA	NA	NA	NA	BDL	NA	NA	NA		NA	5
N-Nitrosodi-n-Propylamine	NA	NA	NA	NA	NA	BDL	NA	NA	NA		NA	--
Diethyl Phthalate	NA	NA	NA	NA	NA	NA	BDL	NA	NA		BDL	50
Assorted Semi-Vol. Org. Compounds	BDL	BDL	BDL	NA	NA	BDL	NA	NA	NA		NA	--
1,4-Dichlorobenzene	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL		BDL	3
2,4-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	BDL		BDL	50
2-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	BDL		BDL	1
3+4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	BDL		BDL	1
Fluorene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	50
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	50
Total Semi-VOCs	0.0	1.3	0.0	0.0	8.0	0.0	1.0	1.2	0.0		0.0	--
INORGANIC PARAMETERS (mg/l)												
ph	6.99	7.19	6.79	7.03	6.65	6.82	6.80	6.71	6.46		NA	--
Specific Conductance	832	1400	1130	577	914	947	850	660	553		NA	--
Alkalinity as Calcium Carbonate	182	402	292	126	240	248	192	136	101		NA	--
B.O.D.	BDL	2.8	2	BDL	2.4	BDL	BDL	BDL	BDL		NA	--
Chemical Oxygen Demand	BDL	50.1	BDL	BDL	36	33.4	29.0	31.0	BDL		NA	--
Hardness, Total	52.6	145	150	51.5	156	98.7	114.0	98.7	71.0		NA	--
Nitrate as N	4.07	3.81	4.30	**11**	0.71	1.14	2.35	1.93	0.322		NA	10
Total Phosphorus as P	BDL	BDL	BDL	BDL	BDL	0.18	BDL	BDL	BDL		NA	--
Sodium, Total	**106**	**135.0**	**82.4**	**44.3**	**87.3**	**93.1**	**78.1**	**75.6**	**76.0**		**32.0**	20
Total Kjeldahl as N	16.9	49.3	28.5	19.3	13.4	25.8	21.2	16.6	2.54		NA	--
Ammonia as N	**16.9**	**41.90**	**10.90**	**18.90**	**13.90**	**24.70**	**12.30**	**16.80**	**2.09**		NA	2
Sulfate	24.9	30.3	25.5	32	42.1	17.2	14.1	22.4	33.8		NA	250
Chloride	100	155	153	35	123	110	100	115	70		NA	250
Total Dissolved Solids	384	636	538	266	484	441	360	343	394		NA	--
Total Suspended Solids	1	2	BDL	2	BDL	BDL	2	BDL	3.5		NA	--
Arsenic	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	0.025
Aluminum, Total	BDL	0.020	BDL	0.135	0.017	0.182	0.002	0.006	0.035		BDL	--
Iron, Total	0.013	0.072	0.148	0.279	0.13	**0.443**	0.185	0.242	0.032		0.028	0.3
Manganese, Total	0.277	**2.23**	**5.73**	**2.76**	**10.90**	**4.14**	**7.21**	**5.93**	**2.69**		**0.57**	0.3
Nickel, Total	0.014	0.016	0.012	0.001	0.011	0.014	0.010	0.008	0.004		BDL	0.1
Chromium, Total	BDL	BDL	0.002	BDL	0.002	0.001	0.001	0.003	0.003		BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specified for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 12
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
ON-SITE MONITORING WELL DATA
WELL NUMBER FTC-W-31

FTC-W-31	DATE SAMPLED													NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS	6/11/99	6/15/00	6/21/01	7/2/02	6/27/03	6/21/04	6/21/05	6/14/06	9/25/06	6/27/07		9/5/08	3/25/10	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	NA		NA		1
1,2,4,5-Tetramethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	17.0	BDL		BDL	13.0	--
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL		BDL	BDL	50
4-Isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL		BDL	BDL	--
c-1,2-Dichloroethene	BDL	2.3	BDL	BDL	BDL	BDL	BDL	**5.9**	BDL	BDL		BDL	BDL	5
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL		BDL	BDL	50
Benzene	BDL	**5.2**	**3.0**	BDL	BDL	BDL	BDL	0.8	BDL	BDL		BDL	**1.6**	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.5	BDL	BDL		BDL	BDL	5
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
Tetrachloroethene	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
Chlorobenzene	BDL	1.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
Chloroform	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL		BDL	BDL	7
Ethyl Benzene	**112**	**113**	**37.4**	BDL	BDL	BDL	BDL	**123**	BDL	BDL		BDL	BDL	5
m,p-Xylene	**415**	**323**	**96.5**	BDL	BDL	BDL	BDL	**117**	BDL	BDL		BDL	BDL	5
o-Xylene	**194**	**149**	**16.4**	BDL	BDL	BDL	BDL	**104**	BDL	BDL		BDL	2	5
Isopropylbenzene	**23.1**	**28.8**	**17.8**	BDL	BDL	BDL	BDL	**19.7**	BDL	BDL		BDL	**6.4**	5
n-Propylbenzene	**65.7**	**77.1**	**50.6**	BDL	BDL	BDL	BDL	**62.7**	BDL	BDL		BDL	**7.4**	5
1,3,5-Trimethylbenzene	**169**	**122**	**86.9**	**5.2**	BDL	BDL	BDL	**120**	BDL	BDL		BDL	BDL	5
1,2,4-Trimethylbenzene	**548**	**594**	**331**	3.9	1.2	BDL	BDL	**167**	BDL	BDL		BDL	BDL	5
sec-Butyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**5.5**	BDL	BDL		BDL	BDL	5
p-Isopropyltoluene	**21.8**	**16.3**	2.0	2.9	BDL	BDL	BDL	4.7	BDL	BDL		BDL	BDL	5
1,4-Dichlorobenzene	BDL	**4.4**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	3
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	NA		NA		5
Hexachlorobutadiene	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL		BDL	BDL	0.5
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	LA		5 B	3.2 B	5
Naphthalene	**106**	26.1	23.3	BDL	BDL	BDL	BDL	**178**	BDL	BDL		BDL	5.4	50
n-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL		BDL	BDL	--
tert-Butyl Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL		BDL	1.6	5
1,2,3-Trichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
p-Diethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL		BDL	4.2	--
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL		BDL	BDL	--
Methyl t-Butylether (MTBE)	BDL	**13.4**	9.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	10
Total VOCs	**1654.6**	**1476.4**	**674.2**	12.0	1.2	0.0	0.0	**912.8**	17.0	0.0		5.0	44.8	50
SEMI-VOLATILE ORGANIC COMPOUNDS														
Acenaphthene	1.3	BDL	7.9	1.4	1.3	BDL	BDL	BDL	BDL	BDL		BDL	4.6 J	20
Anthracene	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	BDL	50
Di-n-Butyl Phthalate	BDL	1.4	BDL	NA	NA	NA	BDL	BDL	BDL	BDL		NA	NA	50
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL		BDL	BDL	3
1,3-Dichlorobenzene	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	3
Nitrobenzene	NA	NA	NA	BDL	BDL	BDL	BDL	**12.4**	BDL	BDL		BDL	BDL	0.4
Phenanthrene	NA	NA	NA	BDL	NA	NA	BDL	BDL	BDL	BDL		BDL	BDL	50
Bis(2-Ethylhexyl)Phthalate	NA	NA	NA	NA	NA	BDL	NA	NA	NA	NA		NA	NA	5
N-Nitrosodi-n-Propylamine	NA	NA	NA	NA	NA	BDL	NA	NA	NA	NA		NA	NA	--
Diethyl Phthalate	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA		16	BDL	50
Assorted Semi-Vol. Org. Compounds	BDL	BDL	14.0	NA	NA	BDL	NA	NA	NA	NA		NA	NA	--
1,4-Dichlorobenzene	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	3
2,4-Dinitrotoluene	3.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	6.2	BDL		BDL	29.0	50
2-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL		BDL	BDL	1
3+4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL		BDL	BDL	1
Fluorene	2.0	BDL	7.5	1.5	1.9	BDL	BDL	BDL	BDL	BDL		BDL	2.4	50
Naphthalene	**61.8**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	4.9 J	50
Total Semi-VOCs	69	1.4	29.4	2.9	3.2	0.0	0.0	12.4	6.2	0.0		16.0	36.0	--
INORGANIC PARAMETERS														
ph	6.48	6.56	6.36	6.5	6.39	6.32	6.28	6.34	NA	6.53		NA	6.57	--
Specific Conductance	632	584	686	727	575	491	541	470	NA	658		NA	445	--
Alkalinity as Calcium Carbonate	71	137	272	140	148	138	153	160	NA	368		NA	197	--
B.O.D.	7	3.2	10.4	BDL	2.4	BDL	7.0	3.0	NA	BDL		NA	BDL	--
Chemical Oxygen Demand	36	43.0	88	50.1	84	54.9	103.0	48.0	NA	27.4		NA	14.6	--
Hardness, Total	50.8	72.4	147	110	115	117	127	140	NA	56.7		NA	119	--
Nitrate as N	BDL*	BDL	0.12	0.16	BDL	0.6	1.32	1.55	NA	0.148		NA	0.84	10
Total Phosphorus as P	0.05	0.10	0.09	0.1	0.05	0.05	0.06	BDL	NA	BDL		NA	BDL	--
Sodium, Total	**80.5**	**53.1**	**39.2**	**61.6**	**49.9**	**30.8**	**40.0**	**25.0**	NA	**91.9**		**21.9**	13.1	20
Total Kjeldahl as N	6.23	9.81	5.68	10.6	9.3	1.57	2.52	2.16	NA	10.90		NA	3.51	--
Ammonia as N	**6.24**	**8.84**	**4.23**	**10.4**	**8.96**	1.15	**2.10**	1.74	NA	**11.30**		NA	1.17	2
Sulfate	33.4	41.6	28.1	26.6	84	45.2	33.5	20.5	NA	19.7		NA	BDL	250
Chloride	80	62.5	28	92.5	25	25	32.5	20.0	NA	80		NA	22	250
Total Dissolved Solids	306	281	331	343	339	287	325	239	NA	404		NA	238	--
Total Suspended Solids	40	59	96	68	66	39	39	36	NA	5		NA	40	--
Arsenic	NA	NA	NA	NA	NA	BDL	**0.043**	**0.036**	NA	BDL		BDL	**0.028**	0.025
Aluminum, Total	BDL	0.191	0.017	BDL	0.018	0.094	0.016	0.033	NA	0.039		0.090	0.006	--
Iron, Total	**24.3**	**29.5**	**72.0**	**42.3**	**42.4**	**31.9**	**20.2**	**30.5**	NA	**2.9**		**6.44**	**24.0**	0.3
Manganese, Total	**2.31**	**1.60**	**3.89**	**2**	**3.07**	**1.05**	**0.806**	**1.320**	NA	**2.05**		**5.79**	**10.60**	0.3
Nickel, Total	0.006	0.004	0.002	0.006	0.011	0.005	0.020	0.012	NA	0.007		BDL	0.012	0.1
Chromium, Total	0.006	BDL	0.001	0.001	0.002	0.019	0.002	0.003	NA	0.003		BDL	BDL	0.05

Not Smpld 5th Qtr. Well

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
J: Estimated value
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specified for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 13
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
ON-SITE MONITORING WELL DATA
WELL NUMBER FTC-W-32

FTC-W-32	DATE SAMPLED																																				NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/15/00	9/27/00	12/29/00	3/29/01	6/21/01	9/26/01	12/10/01	3/29/02	7/2/02	10/8/02	12/30/02	3/25/03	6/27/03	10/8/03	12/19/03	3/24/04	6/22/04	9/27/04	12/15/04	4/1/05	6/22/05	9/26/05	12/19/05	3/20/06	6/14/06	9/18/06	12/14/06	4/3/07	6/29/07	9/19/07	1/7/08	3/11/08	9/4/08	3/9/09	9/4/09	3/11/10	8/30/10	3/3/11	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4,5-Tetramethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	2.7	BDL	370	21.0	12.0	2.1	BDL	6.4	BDL	BDL	BDL	--
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
4-Isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	22.0	6.1	BDL	BDL	BDL	BDL	BDL	BDL	--
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.1	BDL	BDL	BDL	3.6	0.1	BDL	0.9	3.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.1	BDL	BDL	BDL	5
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
Benzene	**17.4**	**11.5**	**1.7**	BDL	2.4	BDL	**4.7**	**5.3**	**3.3**	**3.1**	2.2	**1.6**	BDL	**4.0**	BDL	BDL	**1.6**	**4.1**	**1.1**	BDL	**1.9**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**2.1**	**3.4**	BDL	BDL	**1.2**	BDL	BDL	BDL	1
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
Toluene	2.7	BDL	BDL	BDL	BDL	BDL	1.7	BDL	1.8	BDL	BDL	BDL	BDL	BDL	1.2	2.3	BDL	1.2	1.1	1.6	BDL	0.7	0.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.1	1.0	BDL	BDL	BDL	BDL	BDL	5
Trichloroethene	BDL	3.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Tetrachloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Ethyl Benzene	**13.3**	3.0	4.1	BDL	1.4	**5.4**	**22.1**	**31.5**	3.7	BDL	BDL	BDL	BDL	BDL	2.7	**19.6**	2.9	2.4	**6.0**	**6.3**	BDL	BDL	**56.2**	BDL	BDL	1.5	BDL	BDL	BDL	BDL	2.7	BDL	BDL	BDL	4.9	BDL	BDL	BDL	5
m,p-Xylene	**33.8**	**11.5**	4.5	BDL	BDL	2.7	**8.5**	**62.5**	2.5	BDL	BDL	BDL	BDL	BDL	2.4	**7.9**	BDL	3.1	1.2	**5.3**	BDL	BDL	**883.0**	BDL	4.7	BDL	BDL	BDL	BDL	4.4	BDL	1.3	BDL	BDL	1.6	BDL	BDL	BDL	5
o-Xylene	**10.1**	2.5	BDL	BDL	BDL	BDL	1.5	**21.2**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.9	BDL	2.4	1.8	1.8	BDL	0.6	**77.8**	BDL	1.4	BDL	BDL	BDL	BDL	2.4	2.9	3.3	BDL	BDL	1.1	BDL	BDL	BDL	5
Isopropylbenzene	**17.0**	3.0	4.7	BDL	1.4	3.6	4.4	**7.2**	**9.5**	BDL	BDL	BDL	BDL	BDL	1.6	4.8	1.3	2.1	4.1	2.2	BDL	BDL	**127.0**	BDL	BDL	BDL	BDL	BDL	1.0	4.6	**6.1**	**5.4**	BDL	BDL	0.9	BDL	BDL	BDL	5
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	LA	LA	LA	BDL	3.2 B	BDL	**6.3 B**	3.2 B	**20.0 B**	4.8 B	5
n-Propylbenzene	**39.9**	**9.1**	**8.7**	BDL	**5.7**	**12.5**	**6.0**	**12.4**	**11.8**	BDL	BDL	BDL	BDL	BDL	**7.2**	1.2	1.7	3.5	1.9	BDL	BDL	**66.4**	1.1	0.1	BDL	BDL	BDL	BDL	BDL	**14.0**	**7.7**	**7.6**	BDL	BDL	1.4	BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	**70.9**	**24.1**	**21.4**	2.3	**13.1**	**30.8**	**7.4**	**20.3**	3	BDL	2.2	1.3	1.2	BDL	BDL	**5.6**	BDL	1.8	BDL	**5.9**	BDL	BDL	**409.0**	BDL	2.4	BDL	BDL	BDL	BDL	**190**	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	**209**	**74.0**	**49.7**	**7.6**	**38.6**	**80.9**	**6.2**	**65.6**	**13.9**	1.7	3.5	3.3	3.9	BDL	1.9	2.4	2.1	**12.3**	**11.7**	3.8	BDL	4.4	**587.0**	BDL	**9.0**	BDL	BDL	BDL	1.4	**380**	BDL	BDL	BDL	0.8	BDL	BDL	BDL	BDL	5
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	NA	NA	NA	BDL	1
sec-Butyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.0	2.4	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	**250**	3.4	2.8	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Isopropyltoluene	**12.7**	2.5	3.9	BDL	2.9	3.6	BDL	1.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4	BDL	BDL	BDL	**28.0**	BDL	1.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	1.2	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.91 J	5
Hexachlorobutadiene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	**2.4**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5
Naphthalene	BDL	BDL	42.0	BDL	BDL	BDL	**61.5**	24.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	23.3	BDL	**78.0**	BDL	5.1	**396.0**	BDL	**87.7**	BDL	BDL	BDL	BDL	26.0	5.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
n-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	18.0	6.2	3.9	BDL	BDL	2.2	BDL	BDL	BDL	--
tert-Butyl Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	**37.0**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,3-Trichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Diethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	1.2	270	5.2	3.4	BDL	BDL	0.7	BDL	BDL	BDL	--
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	1.0	190	BDL	3.7	BDL	BDL	0.6	BDL	BDL	BDL	--
Methyl t-Butylether (MTBE)	3.2	7.3	BDL	BDL	BDL	BDL	BDL	BDL	5.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Total VOCs	**430.0**	**140.8**	**140.7**	9.9	**63.1**	**141.9**	**119.3**	**251.4**	**51.5**	10.7	8.8	6.8	6.7	0.0	14.9	**53.7**	7.5	**53.9**	39.5	**109.4**	0.0	13.6	**2637.9**	1.1	**110.3**	0.0	0.0	2.7	4.6	**1778.4**	**73.9**	47.8	5.3	0.0	29.2	3.2	20.0	5.7	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																																							
Acenaphthene	BDL	4.6	4.3	1.0	1.0	2.8	4.9	6.2	9.3	3.3	1.0	BDL	BDL	BDL	6.1	4.7	4.8	9.2	BDL	9.3	9.4	6.2	1.0	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	5.7	BDL	BDL	4.1	BDL	0.66 J	BDL	20
Anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	1.0	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	0.6	50
Di-n-Butyl Phthalate	BDL	1.0	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	BDL	50
1,2-Dichlorobenzene	BDL	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL		BDL	BDL	BDL	BDL	BDL	3
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Nitrobenzene	NA	NA	NA	NA	NA	NA	NA	BDL	**4.1**	BDL	BDL	BDL	BDL	BDL	**1.3**	BDL	BDL	BDL	BDL	**38.6**	NA	NA	**16.5**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	0.4
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	1.8	4.4	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	1.1	2.7	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	0.66	BDL	BDL	BDL	50
Bis(2-Ethylhexyl)Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.7	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	5
N-Nitrosodi-n-Propylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.1	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	--
Diethyl Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	1.4	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	50
Assorted Semi-Vol. Org. Compounds	BDL	2.6	BDL	4.2	7.0	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	15.2	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	--
1,4-Dichlorobenzene	BDL	1.3	BDL	BDL	BDL	BDL	**3.7**	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
2,4-Dinitrotoluene	1.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	**56.0**	BDL	BDL	20.0	BDL	BDL	BDL	50
2-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
3+4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Fluorene	1.9	8.9	5.4	1.3	BDL	4.3	7.1	10.1	12.5	8.2	2.4	1.4	BDL	BDL	7.3	2.5	3.5	8.8	6.7	3.9	4.0	6.2	1.0	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	5.5	0.094 J	BDL	1.7	BDL	BDL	BDL	50
Naphthalene	BDL	BDL	BDL	BDL	BDL	2.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	0.940	BDL	BDL	BDL	50
Total Semi-VOCs	3.6	19.4	9.7	6.5	8.0	9.3	15.7	18.1	31.6	11.5	3.4	1.4	0.0	0.0	13.4	29.6	10.0	34.5	6.7	13.2	15.9	15.1	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.2	0.1	0.0	27.4	0.0	0.7	0.6	--
INORGANIC PARAMETERS																																							
ph	6.64	NA	NA	NA	6.52	NA	NA	NA	6.48	NA	NA	NA	6.55	NA	NA	NA	6.37	NA	NA	NA	6.36	NA	NA	NA	6.5	NA	NA	NA	NA	6.24	NA	NA	NA	NA	6.94	6.68	6.84	6.56	6.34	--
Specific Conductance	776	NA	NA	NA	747	NA	NA	NA	732	NA	NA	NA	407	NA	NA	NA	535	NA	NA	NA	406	NA	NA	NA	454	NA	NA	NA	576	NA	NA	NA	NA	461	446	495	454	466	--
Alkalinity as Calcium Carbonate	179	NA	NA	NA	177	NA	NA	NA	300	NA	NA	NA	106	NA	NA	NA	172	NA	NA	NA	135	NA	NA	NA	174	NA	NA	NA	131	NA	NA	NA	NA	245	231	201	204	197	--
B.O.D.	5.2	NA	NA	NA	2.8	NA	NA	NA	BDL	NA	NA	NA	2	NA	NA	NA	BDL	NA	NA	NA	2	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	NA	BDL	BDL	4.3	--
Chemical Oxygen Demand	54.9	NA	NA	NA	43	NA	NA	NA	74	NA	NA	NA	48	NA	NA	NA	83.5	NA	NA	NA	43	NA	NA	NA	BDL	NA	NA	NA	13.6	NA	NA	NA	NA	BDL	43	BDL	17.70	4.51 J	--
Hardness, Total	108	NA	NA	NA	158	NA	NA	NA	237	NA	NA	NA	123	NA	NA	NA	160	NA	NA	NA	141	NA	NA	NA	154	NA	NA	NA	123	NA	NA	NA	NA	256	137	156	160	152	--
Nitrate as N	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.53	NA	NA	NA	1.02	NA	NA	NA	1.13	NA	NA	NA	0.63	NA	NA	NA	0.101	NA	NA	NA	NA	0.572	0.270	0.482	0.61	0.36	10
Total Phosphorus as P	0.06	NA	NA	NA	0.06	NA	NA	NA	0.1	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	NA	BDL	BDL	BDL	--
Sodium, Total	**56.7**	NA	NA	NA	**47.6**	NA	NA	NA	**33.5**	NA	NA	NA	**20.5**	NA	NA	NA	**28.3**	NA	NA	NA	18.3	NA	NA	NA	**24.2**	NA	NA	NA	**50.7**	NA	NA	NA	8.32	8.61	**21.9**	6.49	15.50	8.13	20
Total Kjeldahl as N	2.70	NA	NA	NA	3.40	NA	NA	NA	4.92	NA	NA	NA	1.65	NA	NA	NA	2.05	NA	NA	NA	1.39	NA	NA	NA	0.25	NA	NA	NA	2.34	NA	NA	NA	NA	0.261	6.14	1.08	1.10	3.85	--
Ammonia as N	**2.69**	NA	NA	NA	**3.12**	NA	NA	NA	**3.55**	NA	NA	NA	1.13	NA	NA	NA	1.62	NA	NA	NA	1.12	NA	NA	NA	0.15	NA	NA	NA	1.9	NA	NA	NA	NA	0.220	1.42	0.855	0.69	0.47	2
Sulfate	48.1	NA	NA	NA	55.5	NA	NA	NA	11.6	NA	NA	NA	72.5	NA	NA	NA	35.7	NA	NA	NA	16.4	NA	NA	NA	36.6	NA	NA	NA	34.3	NA	NA	NA	NA	68.5	10.50	29.90	15.60	6.67	250
Chloride	90.0	NA	NA	NA	75	NA	NA	NA	25	NA	NA	NA	BDL	NA	NA	NA	32.5	NA	NA	NA	7.5	NA	NA	NA	5	NA	NA	NA	100	NA	NA	NA	NA	12	22	20	48	11	250
Total Dissolved Solids	377	NA	NA	NA	372	NA	NA	NA	376	NA	NA	NA	257	NA	NA	NA	306	NA	NA	NA	256	NA	NA	NA	254	NA	NA	NA	312	NA	NA	NA	NA	362	217	276	299	240	--
Total Suspended Solids	102	NA	NA	NA	62	NA	NA	NA	80	NA	NA	NA	43	NA	NA	NA	68	NA	NA	NA	63	NA	NA	NA	10	NA	NA	NA	8	NA	NA	NA	NA	6	70	30	31	37	--
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	0.015	NA	NA	NA	0.02	NA	NA	NA	0.018	NA	NA	NA	**0.0358**	**0.044**	0.025	**0.038**	BDL	NA	0.025
Aluminum, Total	0.012	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.121	NA	NA	NA	0.018	NA	NA	NA	BDL	NA	NA	NA	0.005	NA	NA	NA	0.006	NA	NA	NA	0.0651	0.016	0.074	0.184	0.010	0.01 J	--
Iron, Total	**64.9**	NA	NA	NA	**47.5**	NA	NA	NA	**45.1**	NA	NA	NA	**34.5**	NA	NA	NA	**36.6**	NA	NA	NA	**38.6**	NA	NA	NA	**9.8**	NA	NA	NA	**27.3**	NA	NA	NA	**48.1**	**21**	**46.50**	**26.80**	**29.10**	**33.4**	0.3
Manganese, Total	**5.39**	NA	NA	NA	**3.96**	NA	NA	NA	**4.29**	NA	NA	NA	**1.77**	NA	NA	NA	**1.70**	NA	NA	NA	**1.61**	NA	NA	NA	0.25	NA	NA	NA	**0.653**	NA	NA	NA	**2.210**	**0.909**	**1.49**	**1.71**	**1.29**	**1.48**	0.3
Nickel, Total	0.002	NA	NA	NA	0.001	NA	NA	NA	0.002	NA	NA	NA	0.005	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	0.003	NA	NA	NA	0.00762	BDL	0.014	0.008	BDL	0.01 J	0.1
Chromium, Total	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.002	NA	NA	NA	0.001	NA	NA	NA	BDL	BDL	BDL	0.014	BDL	BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
J: Estimated value
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specified for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 14
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
ON-SITE MONITORING WELL DATA
WELL NUMBER FTC-W-35

FTC-W-35	DATE SAMPLED																																				NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/11/99	9/21/00	12/29/00	3/29/01	6/21/01	9/26/01	12/10/01	3/29/02	7/2/02	10/8/02	12/30/02	3/25/03	6/27/03	10/7/03	12/23/03	3/24/04	6/14/04	9/27/04	12/16/04	4/1/05	6/22/05	9/26/05	12/28/05	3/29/06	6/14/06	9/20/06	12/14/06	4/2/07	6/26/07	9/25/07	1/4/08	3/7/08	9/4/08	3/10/09	9/4/09	3/11/10	8/31/10	3/3/11	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4,5-Tetramethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200	6.5	BDL	BDL	33.0	44.0	36.0	BDL	BDL	48	BDL	29	19	--
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	2.9 J	50
4-Isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24	BDL	BDL	BDL	7.1	2.3	1.8	BDL	BDL	0.65	BDL	BDL	BDL	--
c-1,2-Dichloroethene	BDL	1.9	BDL	**18.2**	**8.9**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**6.4**	3.2	4.7	**12**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
Benzene	BDL	**1.1**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5	0.6	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.8	0.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
Toluene	**392**	**152**	BDL	**9.1**	BDL	163	BDL	1.3	**19.5**	BDL	BDL	BDL	1.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**25.4**	**18.9**	**40.6**	**12**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Trichloroethene	BDL	BDL	BDL	**8.3**	3.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Tetrachloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Ethyl Benzene	**311**	**165**	4.7	BDL	**25.4**	**18.8**	**753**	2.8	**34.9**	**101**	BDL	BDL	BDL	BDL	BDL	BDL	2.1	BDL	1.9	BDL	BDL	BDL	BDL	**286.0**	**162**	**350**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.51 J	5
m,p-Xylene	**823**	**329**	2.4	BDL	**142**	3.6	**1125**	3.7	4.9	**42.3**	BDL	BDL	BDL	BDL	BDL	BDL	**27.9**	BDL	2.3	BDL	BDL	BDL	**157.0**	**614.0**	**165**	**1700**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.8	BDL	BDL	1.7 J	5
o-Xylene	**457**	**149**	4.7	BDL	**92.7**	1.5	**725**	BDL	**5.1**	**21.3**	BDL	BDL	BDL	BDL	BDL	BDL	**19.4**	BDL	**5.3**	2.9	0.5	0.3	**390.0**	**193.0**	**160**	**330**	BDL	BDL	BDL	BDL	BDL	1.3	BDL	1.2	**5.6**	BDL	0.85 B	BDL	5
Isopropylbenzene	BDL	**9.0**	1.3	BDL	3.4	**30.6**	**70.4**	BDL	3.8	**19.7**	BDL	BDL	BDL	BDL	BDL	1.8	3.5	BDL	2.5	BDL	BDL	BDL	**159.0**	54.3	**45.5**	**48**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
n-Propylbenzene	**62.2**	**22.6**	1.4	BDL	BDL	**61.8**	**151**	BDL	**5.6**	**36.2**	BDL	BDL	BDL	BDL	BDL	3.1	2.9	BDL	1.9	BDL	BDL	BDL	**99.5**	BDL	**104**	**64**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	**126**	**56.8**	1.4	BDL	**54.8**	BDL	**232**	BDL	2.7	**25.3**	BDL	BDL	BDL	BDL	BDL	BDL	**25.1**	BDL	**12.3**	1.2	1.4	0.7	**717.0**	**170.0**	**366**	**410**	BDL	BDL	BDL	BDL	**31.0**	**19.0**	BDL	BDL	**19**	BDL	0.74 B	BDL	5
1,2,4-Trimethylbenzene	**465**	**290**	**9.1**	BDL	**66.6**	**5.4**	**734**	2.5	**9.2**	**121.0**	BDL	BDL	BDL	BDL	BDL	1.8	**42.5**	3.5	**14.1**	4.9	1.2	1.1	**741.0**	**251.0**	**193**	**1300**	BDL	BDL	BDL	BDL	**25.0**	**36.0**	BDL	BDL	**40**	**24**	**9.5**	5
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	**37.3**	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	1
sec-Butyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.5	BDL	NA	NA	NA	NA	BDL	**23.6**	BDL	BDL	BDL	BDL	BDL	**15.0**	BDL	BDL	0.70	BDL	BDL	BDL	0.53 J	5
tert-Butyl Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Isopropyltoluene	**7.3**	1.5	BDL	BDL	1.6	**5.4**	**11.8**	BDL	BDL	BDL	1.5	BDL	BDL	BDL	BDL	BDL	BDL	0.5	BDL	BDL	BDL	BDL	**25.8**	**6.6**	**6.0**	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**3.9**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	5
Hexachlorobutadiene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	LA	LA	BDL	LA	LA	4.1 B	**6.4 B**	**8.3 B**	3.3 B	**7.7 B**	**5.3 B**	5
Naphthalene	**140**	**107**	BDL	BDL	13.9	26.1	**354**	BDL	BDL	20.6	BDL	BDL	BDL	BDL	BDL	BDL	5.6	BDL	31.6	15.1	BDL	4.9	**1149**	**428.0**	**485**	**320**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10	BDL	BDL	3.9	50
n-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80	NA	BDL	BDL	BDL	BDL	1.5	BDL	BDL	BDL	BDL	BDL	--
1,2,3-Trichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Diethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	180	2.3	BDL	BDL	2.2	13.0	BDL	BDL	5.5	12	BDL	4	4.1	--
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	570	BDL	BDL	8.0	BDL	BDL	BDL	BDL	2.4	11	BDL	5	3.3	--
Methyl t-Butylether (MTBE)	BDL	2.8	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Total VOCs	**2783.5**	**1287.7**	29.4	26.5	**422.2**	**153.2**	**4319.2**	9.0	**67.5**	**412.9**	5.5	2.9	0.0	1.2	0.0	6.7	**129.0**	5.0	**72.4**	24.1	3.1	7.0	**3508.6**	**2028.1**	**1756.7**	**5600.0**	8.8	0.0	0.0	42.3	**130.3**	**103.6**	4.1	16.2	**157.4**	3.3	**71.1**	**50.7**	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																																						
Acenaphthene	BDL	BDL	BDL	BDL	BDL	BDL	1.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.0	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	0.58 J	20
Anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	50
Di-n-Butyl Phthalate	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	50
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	1.1	**3.8**	**3.1**	BDL	**3.9**	**3.2**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	3
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	BDL	1.8	BDL	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	3
Nitrobenzene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	**7.8**	1.8	BDL	BDL	**3.0**	BDL	**1.3**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**34.8**	**24.8**	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	0.4
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	50
Bis(2-Ethylhexyl)Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
N-Nitrosodi-n-Propylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**18.3**	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
Diethyl Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Assorted Semi-Vol. Org. Compounds	BDL	BDL	BDL	BDL	4.1	BDL	30.0	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	3
2,4-Dinitrotoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	5
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	9.5	BDL	3.7 B	2.9 J	50
2-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
3+4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Fluorene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	50
Naphthalene	**85.8**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	20.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**180**	BDL	BDL	BDL	NA	NA	BDL	BDL	1.7 B	6.3	BDL	6.7	15	50
Total Semi-VOCs	85.8	0.0	0.0	0.0	4.1	0.0	32.8	3.8	4.9	28.4	6.7	3.2	0.0	3.0	0.0	19.6	0.0	0.0	0.0	0.0	1.0	0.0	0.0	35.8	24.8	224.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	15.8	0.0	10.4	18.5	--
INORGANIC PARAMETERS (mg/l)																																						
ph	5.83	NA	NA	NA	6.21	NA	NA	NA	6.67	NA	NA	NA	6.57	NA	NA	NA	6.31	NA	NA	NA	6.31	NA	NA	NA	6.25	NA	NA	NA	5.89	NA	NA	NA	NA	6.10	6.41	6.19	6.08	6.51	--
Specific Conductance	260	NA	NA	NA	473	NA	NA	NA	859	NA	NA	NA	545	NA	NA	NA	350	NA	NA	NA	427	NA	NA	NA	405	NA	NA	NA	323	NA	NA	NA	NA	361	266	252	215	417	--
Alkalinity as Calcium Carbonate	56	NA	NA	NA	74	NA	NA	NA	244	NA	NA	NA	190	NA	NA	NA	72	NA	NA	NA	60	NA	NA	NA	162	NA	NA	NA	82	NA	NA	NA	NA	81.8	76.8	69.7	54.5	101	--
B.O.D.	6	NA	NA	NA	3.6	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	3	NA	NA	NA	BDL	NA	NA	NA	7	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	--
Chemical Oxygen Demand	BDL	NA	NA	NA	38	NA	NA	NA	40.6	NA	NA	NA	52	NA	NA	NA	38.2	NA	NA	NA	BDL	NA	NA	NA	64	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	--
Hardness, Total	45	NA	NA	NA	46.6	NA	NA	NA	105	NA	NA	NA	78.6	NA	NA	NA	34.9	NA	NA	NA	49.4	NA	NA	NA	89.2	NA	NA	NA	96.7	NA	NA	NA	NA	87	60.1	66.3	56.9	90	--
Nitrate as N	1.72	NA	NA	NA	0.08	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.68	NA	NA	NA	0.73	NA	NA	NA	BDL	NA	NA	NA	0.651	NA	NA	NA	NA	0.646	1.78	3.96	1.74	0.82	10
Total Phosphorus as P	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	--
Sodium, Total	16.4	NA	NA	NA	**39.8**	NA	NA	NA	**77.5**	NA	NA	NA	**48.1**	NA	NA	NA	**46.6**	NA	NA	NA	**56.6**	NA	NA	NA	**24**	NA	NA	NA	**28.2**	NA	NA	NA	5.22	11	8.02	5.830	12.3	18	20
Total Kjeldahl as N	0.99	NA	NA	NA	7.34	NA	NA	NA	21.6	NA	NA	NA	16.1	NA	NA	NA	2.31	NA	NA	NA	1.49	NA	NA	NA	2.17	NA	NA	NA	0.079	NA	NA	NA	NA	BDL	BDL	0.294	0.57	2.87	--
Ammonia as N	0.76	NA	NA	NA	**7.34**	NA	NA	NA	**21**	NA	NA	NA	**15.9**	NA	NA	NA	**2.29**	NA	NA	NA	1.28	NA	NA	NA	1.9	NA	NA	NA	0.235	NA	NA	NA	NA	0.203	0.188	0.078	BDL	BDL	2
Sulfate	26	NA	NA	NA	45.1	NA	NA	NA	14.2	NA	NA	NA	30.4	NA	NA	NA	41.8	NA	NA	NA	31.5	NA	NA	NA	BDL	NA	NA	NA	33.3	NA	NA	NA	NA	21.5	19.5	11.2	BDL	6.87	250
Chloride	20	NA	NA	NA	53	NA	NA	NA	95	NA	NA	NA	35	NA	NA	NA	25	NA	NA	NA	52.5	NA	NA	NA	15	NA	NA	NA	53	NA	NA	NA	NA	40	24	14.5	21.5	44	250
Total Dissolved Solids	140	NA	NA	NA	232	NA	NA	NA	384	NA	NA	NA	294	NA	NA	NA	215	NA	NA	NA	223	NA	NA	NA	195	NA	NA	NA	254	NA	NA	NA	NA	174	115	132.0	147.0	207	--
Total Suspended Solids	8	NA	NA	NA	10	NA	NA	NA	8	NA	NA	NA	12	NA	NA	NA	12	NA	NA	NA	17	NA	NA	NA	80	NA	NA	NA	6.5	NA	NA	NA	NA	6	9	12.0	BDL	3.5 J	--
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.035**	NA	NA	NA	BDL	NA	NA	NA	**0.026**	NA	NA	NA	BDL	NA	NA	NA	**0.036**	BDL	BDL	BDL	BDL	BDL	0.025
Aluminum, Total	BDL	NA	NA	NA	0.068	NA	NA	NA	BDL	NA	NA	NA	0.027	NA	NA	NA	0.042	NA	NA	NA	0.011	NA	NA	NA	BDL	NA	NA	NA	0.042	NA	NA	NA	0.281	0.088	0.0779	0.387	BDL	0.01 J	--
Iron, Total	**20.4**	NA	NA	NA	**12.4**	NA	NA	NA	**4.41**	NA	NA	NA	**6.14**	NA	NA	NA	**5.93**	NA	NA	NA	**7.1**	NA	NA	NA	**54.1**	NA	NA	NA	**8.53**	NA	NA	NA	**70.6**	**4.87**	**6.2**	**4.320**	**2.1**	**4.89**	0.3
Manganese, Total	**3.25**	NA	NA	NA	**2.39**	NA	NA	NA	**2.09**	NA	NA	NA	**3.28**	NA	NA	NA	**1.68**	NA	NA	NA	**1.5**	NA	NA	NA	**2.68**	NA	NA	NA	0.173	NA	NA	NA	**0.52**	**0.434**	**0.34**	**0.525**	0.05	**0.49**	0.3
Nickel, Total	0.008	NA	NA	NA	0.007	NA	NA	NA	0.005	NA	NA	NA	0.006	NA	NA	NA	0.003	NA	NA	NA	0.004	NA	NA	NA	BDL	NA	NA	NA	0.004	NA	NA	NA	0.0121	BDL	0.0114	0.008	BDL	BDL	0.1
Chromium, Total	0.005	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	0.002	NA	NA	NA	0.002	NA	NA	NA	0.010	BDL	BDL	0.021	BDL	BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
: Analytes and groundwater cleanup criteria specified for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 15
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-2A

BP-2A	DATE SAMPLED									NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/8/99	6/21/00	6/19/01	7/10/02	7/28/03	6/16/04	6/27/05	6/22/06	6/26/07	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Methylene Chloride	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	LA	5
t -1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
c-1,2-Dichloroethene	BDL	3.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	--
Benzene	BDL	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
n-Propylbenzene	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Trichlorofluoromethane	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	5
1,1,1 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,2 Trichloroethane	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	1
1,2 Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	5
Chloromethane	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA	BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	BDL	--
Total VOCs	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)										
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
2,4-Dinitrotoluene	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	5
Bis(2-Ethylhexyl) Phthalate	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	5
Fluorene	BDL	BDL	NA	BDL	NA	NA	NA	NA	NA	50
Naphthalene	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)										
ph	6.32	6.22	6.57	6.25	6.3	6.33	6.3	6.34	6.15	--
Specific Conductance	471	525	370	363	303	303	374	438	322	--
Alkalinity as Calcium Carbonate	29	30.8	40	33	24	22	16	29	43	--
B.O.D.	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Chemical Oxygen Demand	BDL	38.2	26	BDL	BDL	BDL	BDL	BDL	BDL	--
Hardness, Total	30.9	50.3	56.3	64.6	29.2	BDL	60.1	47	65.1	--
Nitrate as N	1.97	2.27	4.46	2.54	0.23	2.25	2.75	4.73	0.473	10
Total Phosphorus as P	BDL	BDL	BDL	BDL	0.1	BDL	BDL	BDL	BDL	--
Sodium, Total	**49.3**	**53.5**	**35.4**	**34**	**30.7**	0.15	**40.2**	**40.3**	**46.8**	20
Total Kjeldahl as N	7.58	2.82	0.90	0.51	0.99	0.43	0.64	0.46	BDL	--
Ammonia as N	**7.58**	**2.25**	0.87	0.15	BDL	0.33	0.66	0.21	0.028	2
Sulfate	15.8	20.0	21.0	16.4	21	22.9	23.6	28	20.7	250
Chloride	90	110	55	68	55	55	68	85	73	250
Total Dissolved Solids	196	282	206	208	198	180	211	253	212	--
Total Suspended Solids	BDL	2.0	BDL	1.0	122	BDL	BDL	BDL	3.0	--
Aluminum, Total	BDL	0.013	BDL	0.016	0.232	BDL	0.003	0.001	0.005	--
Iron, Total	0.007	0.004	0.014	0.017	**0.519**	0.009	BDL	BDL	BDL	0.3
Manganese, Total	0.275	**0.41**	0.269	**0.311**	**0.42**	0.255	**0.326**	**0.479**	**1.55**	0.3
Nickel, Total	0.009	BDL	0.001	0.002	0.003	0.001	BDL	BDL	0.002	0.1
Chromium, Total	BDL	BDL	BDL	0.001	0.02	BDL	0.001	BDL	0.003	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 16
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-2B

BP-2B	DATE SAMPLED																														NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/8/99	9/29/00	3/29/01	6/19/01	9/28/01	12/5/01	3/25/02	7/10/02	10/1/02	12/17/02	3/25/03	7/2/03	10/9/03		3/29/04	6/16/04	9/24/04	12/16/04	3/31/05	6/27/05	9/22/05	12/21/05	3/21/06	6/22/06	9/19/06	12/18/06	3/28/07	6/26/07	9/18/07	1/8/08	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Methylene Chloride	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	LA	LA	LA	5
t -1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	Site Not Accessable No Sample	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	--
Benzene	BDL	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	**8.2**	BDL	BDL	BDL	0.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,1 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,2 Trichloroethane	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	BDL	BDL	BDL	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	--
Total VOCs	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	8.2	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																															
1,2-Dichlorobenzene	2.3	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	3
2,4-Dinitrotoluene	BDL	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	5
Bis(2-Ethylhexyl) Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	5
Fluorene	BDL	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Naphthalene	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Total Semi-VOCs	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)																															
ph	6.68	NA	NA	6.81	NA	NA	NA	6.54	NA	NA	NA	6.56	NA		NA	6.56	NA	NA	NA	6.71	NA	NA	NA	6.63	NA	NA	NA	6.37	NA	NA	--
Specific Conductance	608	NA	NA	600	NA	NA	NA	562	NA	NA	NA	564	NA		NA	535	NA	NA	NA	497	NA	NA	NA	497	NA	NA	NA	466	NA	NA	--
Alkalinity as Calcium Carbonate	68	NA	NA	49.0	NA	NA	NA	51	NA	NA	NA	53.0	NA		NA	65	NA	NA	NA	LA	NA	NA	NA	50	NA	NA	NA	78	NA	NA	--
B.O.D.	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Chemical Oxygen Demand	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Hardness, Total	37	NA	NA	30.0	NA	NA	NA	32.2	NA	NA	NA	59.9	NA		NA	BDL	NA	NA	NA	72.5	NA	NA	NA	89.2	NA	NA	NA	88.2	NA	NA	--
Nitrate as N	BDL	NA	NA	1.54	NA	NA	NA	BDL	NA	NA	NA	BDL	NA		NA	BDL	NA	NA	NA	0.34	NA	NA	NA	3.48	NA	NA	NA	0.0858	NA	NA	10
Total Phosphorus as P	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA		NA	0.21	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Sodium, Total	**60.9**	NA	NA	**61.0**	NA	NA	NA	**64.8**	NA	NA	NA	**64.5**	NA		NA	0.17	NA	NA	NA	**49.6**	NA	NA	NA	**51.3**	NA	NA	NA	**48.1**	NA	NA	20
Total Kjeldahl as N	16.1	NA	NA	11.6	NA	NA	NA	10.3	NA	NA	NA	8.08	NA		NA	5.59	NA	NA	NA	4.71	NA	NA	NA	1.93	NA	NA	NA	BDL	NA	NA	--
Ammonia as N	**16.1**	NA	NA	**11.6**	NA	NA	NA	**11.1**	NA	NA	NA	**7.02**	NA		NA	**5.50**	NA	NA	NA	**4.66**	NA	NA	NA	1.77	NA	NA	NA	**2.69**	NA	NA	2
Sulfate	15.8	NA	NA	19.5	NA	NA	NA	20.4	NA	NA	NA	24.9	NA		NA	37	NA	NA	NA	27.7	NA	NA	NA	28.7	NA	NA	NA	24.3	NA	NA	250
Chloride	110	NA	NA	123	NA	NA	NA	120	NA	NA	NA	118	NA		NA	90	NA	NA	NA	93	NA	NA	NA	95	NA	NA	NA	98	NA	NA	250
Total Dissolved Solids	237	NA	NA	274	NA	NA	NA	246	NA	NA	NA	296	NA		NA	283	NA	NA	NA	269	NA	NA	NA	269	NA	NA	NA	272	NA	NA	--
Total Suspended Solids	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	2.5	NA	NA	--
Aluminum, Total	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.002	NA	NA	--
Iron, Total	0.021	NA	NA	0.019	NA	NA	NA	0.030	NA	NA	NA	0.035	NA		NA	0.046	NA	NA	NA	0.037	NA	NA	NA	0.009	NA	NA	NA	BDL	NA	NA	0.3
Manganese, Total	**0.846**	NA	NA	**0.613**	NA	NA	NA	**0.625**	NA	NA	NA	**1.13**	NA		NA	**0.826**	NA	NA	NA	**0.751**	NA	NA	NA	**0.838**	NA	NA	NA	**0.861**	NA	NA	0.3
Nickel, Total	BDL	NA	NA	0.003	NA	NA	NA	0.003	NA	NA	NA	0.002	NA		NA	0.001	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	0.002	NA	NA	0.1
Chromium, Total	BDL	NA	NA	BDL	NA	NA	NA	0.002	NA	NA	NA	BDL	NA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.002	NA	NA	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 17
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-3A

BP-3A	DATE SAMPLED																NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	11/00/90	4/14/03	4/21/04	2/24/05	4/14/05	7/21/05		2/2/06	4/13/06	7/27/06		1/18/07		7/12/07	1/9/08	3/2/11	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
Methylene Chloride	BDL	BDL	BDL	BDL	BDL	BDL	Not Part Of Routine Sampling Plan	BDL	BDL	BDL	Not Part Of Routine Sampling Plan	BDL	Not Part Of Routine Sampling Plan	LA	LA	**5.3 B**	5
t -1,2-Dichloroethene	NA	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
c-1,2-Dichloroethene	NA	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL		BDL	NA	NA		NA		NA	NA	BDL	0.6
Benzene	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
Chloroform	BDL	BDL	1.2	1.4	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	7
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	0.6		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
Isopropylbenzene	NA	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
n-Propylbenzene	NA	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
Dichlorodifluoromethane	NA	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
Trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
1,1,1 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
1,1,2 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	1
1,2-Dichloroethane	NA	BDL	BDL	BDL	NA	NA		NA	BDL	BDL		BDL		BDL	BDL	BDL	0.6
1,2 Dibromoethane	NA	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	3
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	NA	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	NA	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	50
1,1,1-Trichloromethane	NA	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	NA	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	10
Carbon Tetrachloride	NA	NA	NA	NA	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
Chloromethane	NA	NA	NA	NA	BDL	BDL		BDL	BDL	BDL		BDL		BDL	BDL	BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA	NA		NA	NA	NA		BDL		BDL	BDL	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA		NA	NA	NA		NA		BDL	BDL	BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA		NA	NA	NA		NA		BDL	BDL	BDL	--
Total VOCs	0.0	0.0	1.2	1.4	0.0	0.6		0.0	0.0	0.0		0.0		0.0	0.0	5.3	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																	
1,2-Dichlorobenzene	BDL	NA	NA	NA	NA	NA		NA	NA	NA		NA		BDL	NA	BDL	3
2,4-Dinitrotoluene	BDL	NA	NA	NA	NA	NA		NA	NA	NA		NA		BDL	NA	NA	5
Bis(2-Ethylhexyl) Phthalate	NA	NA	NA	NA	BDL	BDL		NA	NA	BDL		NA		BDL	NA	NA	5
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0		0.0		0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)																	
ph	NA	NA	NA	NA	NA	NA		NA	NA	5.59		NA		NA	NA	NA	--
Specific Conductance	NA	NA	NA	NA	NA	NA		NA	NA	61		NA		41.1	NA	NA	--
Alkalinity as Calcium Carbonate	NA	NA	NA	NA	NA	NA		NA	NA	5		NA		NA	NA	NA	--
B.O.D.	NA	NA	NA	NA	NA	NA		NA	NA	BDL		NA		NA	NA	NA	--
Chemical Oxygen Demand	NA	NA	NA	NA	NA	NA		NA	NA	BDL		NA		BDL	NA	NA	--
Hardness, Total	NA	NA	NA	NA	NA	NA		NA	NA	11.6		NA		NA	NA	NA	--
Nitrate as N	NA	NA	NA	NA	NA	NA		NA	NA	0.21		NA		BDL	NA	NA	10
Total Phosphorus as P	NA	NA	NA	NA	NA	NA		NA	NA	BDL		NA		2.05	NA	NA	--
Sodium, Total	NA	NA	NA	NA	NA	NA		NA	NA	4.82		NA		NA	NA	NA	20
Total Kjeldahl as N	NA	NA	NA	NA	NA	NA		NA	NA	0.30		NA		0.508	NA	NA	--
Ammonia as N	NA	NA	NA	NA	NA	NA		NA	NA	0.18		NA		BDL	NA	NA	2
Sulfate	NA	NA	NA	NA	NA	NA		NA	NA	11.0		NA		7.51	NA	NA	250
Chloride	NA	NA	NA	NA	NA	NA		NA	NA	BDL		NA		NA	NA	NA	250
Total Dissolved Solids	NA	NA	NA	NA	NA	NA		NA	NA	35		NA		56.0	NA	NA	--
Total Suspended Solids	NA	NA	NA	NA	NA	NA		NA	NA	BDL		NA		NA	NA	NA	--
Aluminum, Total	NA	NA	NA	NA	NA	NA		NA	NA	0.008		NA		NA	NA	NA	--
Iron, Total	NA	NA	NA	NA	NA	NA		NA	NA	0.017		NA		NA	NA	NA	0.3
Manganese, Total	NA	NA	NA	NA	NA	NA		NA	NA	0.006		NA		NA	NA	NA	0.3
Nickel, Total	NA	NA	NA	NA	NA	NA		NA	NA	BDL		NA		NA	NA	NA	0.1
Chromium, Total	NA	NA	NA	NA	NA	NA		NA	NA	0.002		NA		NA	NA	NA	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 18
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-3B

BP-3B	DATE SAMPLED																													NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	11/00/90	10/25/02		4/14/03	7/29/03	10/20/03	10/20/03	4/21/04	7/21/04	10/21/04	2/24/05	4/14/05	7/21/05	10/6/05	2/2/06	4/13/06	7/27/06	10/12/06	1/18/07	5/16/07	7/12/07	10/11/07	1/10/08	4/17/08	10/10/08	4/9/09	10/22/09	4/8/10	7/15/10	3/3/11	
Vinyl Chloride	BDL	**20**		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	BDL	4.0		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Methylene Chloride	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	LA	LA	LA	LA	3.2 B	BDL	4.2 B	2.3 B	4.7 B	1.1 B	3.8 B	5
t -1,2-Dichloroethene	NA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
c-1,2-Dichloroethene	NA	**101**	Site Not Accessable No Sample	**45.1**	**19.4**	**19**	**20.9**	**22.8**	**9.6**	**12.6**	**10.3**	**5.2**	2.2	**6**	4.3	5.0	3.1	2.6	4.2	2.1	1.4	1.6	4.5	**5.3**	3.3	3.6	3.5	3.8	1.9	0.69 J	5
1,2-Dichloroethene	NA	NA		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
Benzene	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Toluene	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloroform	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.39 J	BDL	7
Tetrachloroethene	BDL	BDL		**128**	**64.4**	**59.5**	**70.8**	**72.4**	**52.1**	**49.7**	**41.5**	**47.4**	**16**	**14.6**	**22.6**	**27.6**	**21**	**7.3**	**30**	**12**	**11**	**8.8**	**22**	**19**	**18**	**10**	**15**	**16**	**11**	3.4	5
Chlorobenzene	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Ethyl Benzene	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
m,p-Xylene	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	2.0	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Isopropylbenzene	NA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
n-Propylbenzene	NA	NA		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	NA	BDL		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Dichlorodifluoromethane	NA	**43.7**		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Trichlorofluoromethane	NA	NA		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,1 Trichloroethane	BDL	2.1		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,2 Trichloroethane	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
1,2-Dichloroethane	NA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6
1,2 Dibromoethane	NA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Trichloroethene	BDL	**6.6**		BDL	4.5	4.5	**5.2**	**5.9**	3.1	3.9	2.4	2.9	0.6	1.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	NA	NA		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	NA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	1.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Naphthalene	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
1,1,1-Trichloromethane	NA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	--
Methyl t-Butylether (MTBE)	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Carbon Tetrachloride	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloromethane	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Ethyltoluene	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorodifluoromethane	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Total VOCs	2.0	**177.4**		**173.1**	**88.3**	**83**	**96.9**	**101.1**	**64.8**	**67.6**	**54.2**	**55.5**	18.8	22.7	27.5	32.6	24.1	9.9	34.2	14.1	12.4	10.4	26.5	27.5	21.3	17.8	20.8	24.5	14.4	7.9	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																															
1,2-Dichlorobenzene	BDL	LA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	3
2,4-Dinitrotoluene	BDL	LA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Bis(2-Ethylhexyl) Phthalate	BDL	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Fluorene	NA	LA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Naphthalene	NA	LA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	50
Total Semi-VOCs	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)																															
ph	5.03	LA		NA	5.25	NA	NA	NA	5.24	NA	NA	NA	5.65	NA	NA	NA	5.38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.26	--
Specific Conductance	81.8	LA		NA	106	NA	NA	NA	76	NA	NA	NA	64.5	NA	NA	NA	54	NA	NA	NA	41.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	56.8	--
Alkalinity as Calcium Carbonate	BDL	LA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.09	--
B.O.D.	BDL	LA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	--
Chemical Oxygen Demand	BDL	LA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	5.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	--
Hardness, Total	14.9	LA		NA	16.7	NA	NA	NA	11.6	NA	NA	NA	10.5	NA	NA	NA	8.35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.8	--
Nitrate as N	4.15	LA		NA	2.43	NA	NA	NA	2.03	NA	NA	NA	1.80	NA	NA	NA	1.46	NA	NA	NA	0.168	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.09	10
Total Phosphorus as P	BDL	LA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	1.78	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	--
Sodium, Total	6.30	LA		NA	9.86	NA	NA	NA	7.4	NA	NA	NA	6.44	NA	NA	NA	4.91	NA	NA	NA	NA	NA	NA	NA	2.2	NA	NA	NA	NA	NA	2.68	20
Total Kjeldahl as N	0.24	LA		NA	0.25	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.2	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.82	--
Ammonia as N	BDL	LA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.13	NA	NA	NA	BDL	NA	NA	NA	0.134	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	2
Sulfate	BDL	LA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	3.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	250
Chloride	10.0	LA		NA	20	NA	NA	NA	12.5	NA	NA	NA	BDL	NA	NA	NA	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9	250
Total Dissolved Solids	92	LA		NA	85	NA	NA	NA	36	NA	NA	NA	48	NA	NA	NA	44	NA	NA	NA	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	27	--
Total Suspended Solids	BDL	LA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	2	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	--
Arsenic	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	0.025
Aluminum, Total	BDL	LA		NA	0.008	NA	NA	NA	BDL	NA	NA	NA	0.008	NA	NA	NA	0.011	NA	NA	NA	NA	NA	NA	NA	0.024	NA	NA	NA	NA	NA	0.01 J	--
Iron, Total	0.106	LA		NA	0.03	NA	NA	NA	0.025	NA	NA	NA	0.012	NA	NA	NA	0.020	NA	NA	NA	NA	NA	NA	NA	0.020	NA	NA	NA	NA	NA	0.031	0.3
Manganese, Total	0.011	LA		NA	0.026	NA	NA	NA	0.016	NA	NA	NA	0.015	NA	NA	NA	0.010	NA	NA	NA	NA	NA	NA	NA	0.012	NA	NA	NA	NA	NA	0.01 J	0.3
Nickel, Total	BDL	LA		NA	0.09	NA	NA	NA	0.054	NA	NA	NA	0.051	NA	NA	NA	0.032	NA	NA	NA	NA	NA	NA	NA	0.031	NA	NA	NA	NA	NA	0.014 J	0.1
Chromium, Total	BDL	LA		NA	0.014	NA	NA	NA	0.008	NA	NA	NA	0.007	NA	NA	NA	0.007	NA	NA	NA	NA	NA	NA	NA	0.008	NA	NA	NA	NA	NA	BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
J: Estimated Value
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specifed for termination of remedial system

: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 19
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-3C

BP-3C	DATE SAMPLED																												NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	11/00/90	10/25/02		4/14/03	7/29/03	10/20/03	10/20/03	4/21/04	7/21/04	10/21/04	2/24/05	4/14/05	7/21/05	10/6/05	2/2/06	4/13/06	7/27/06	10/12/06	1/18/07	5/16/07	7/24/07	10/11/07	1/10/08	4/17/08	10/9/08	4/9/09	10/22/09	4/7/10	7/12/10	3/2/11	
Vinyl Chloride	BDL	**21.7**		BDL	**5.1**	**4.3**	**4.1**	**6**	**3.4**	1.9	**4**	1.9	1.9	**4.8**	1.1	1.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.5	BDL	BDL		BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL		BDL	1.5	1.7	1.7	2.0	1.7	1.3	2.1	0.9	1.0	3.8	1.2	1.1	BDL	BDL	1.5	BDL	BDL	BDL	BDL	1.3	BDL	BDL		BDL	BDL	BDL	5
1,1-Dichloroethane	0.9	4.3		**7.5**	**5.3**	**6.2**	**5.9**	**7.1**	**5.1**	3.8	**6.6**	2.7	2.9	**6.2**	3.9	3.0	**7.4**	1.2	3.3	BDL	3.2	BDL	BDL	3.6	BDL	2.5		3.1	3.5	BDL	5
Methylene Chloride	NA	BDL		BDL	2.8	2.4	2.4	BDL	2.0	1.3	3.3	1.4	1.2	4.8	1.2	1.6	BDL	BDL	17.0	LA	LA	LA	BDL	4.3 B	4.8 B	3.9 B	No sample pump failure	**6.2 B**	BDL	**5.2**	5
t -1,2-Dichloroethene	BDL	BDL	Site Not Accessable No Sample	BDL	BDL	4.6	**5.8**	BDL	1.6	BDL	BDL	1.2	1.3	1.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	1.1	BDL	5
c-1,2-Dichloroethene	**11.0**	**110**		**230**	BDL	**165**	**158**	**191**	**138**	**102**	**172**	**74.7**	**84.2**	**208**	**107**	**99.9**	**200**	**38**	**110**	**80**	**94**	**79**	**89**	**95**	**99**	**64**		**80**	**66**	**15**	5
1,2-Dichloroethene	NA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	--
Benzene	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	1
Toluene	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
Chloroform	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	7
Tetrachloroethene	**12.0**	BDL		BDL	3	4.2	4.4	3.4	4.7	7.0	2.8	2.5	2.0	1.9	2.6	3.2	4.7	1.3	3.6	3.7	**5.9**	**7.9**	**14**	**17**	**10**	2.9		**6.6**	**5.2**	1.6	5
Chlorobenzene	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
Ethyl Benzene	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
m,p-Xylene	NA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
o-Xylene	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
Isopropylbenzene	NA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
n-Propylbenzene	NA	NA		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	NA	BDL		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	5
Dichlorodifluoromethane	NA	**49.6**		BDL	**10.5**	**13.6**	**13.1**	**24.7**	BDL	**7.9**	**22.1**	**9.3**	**9.6**	**14.3**	**9.7**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.2	BDL	BDL	BDL		BDL	BDL	BDL	5
Trichlorofluoromethane	NA	NA		BDL	BDL	2.1	1.9	3.2	BDL	1.4	3.0	BDL	BDL	2.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
1,1,1 Trichloroethane	2.0	2.3		BDL	2	4.4	4.2	4.0	3.3	2.3	5.0	1.7	2.0	4.5	1.4	**5.6**	4.3	BDL	2.5	BDL	1.9	1.3	1.4	1.9	1.5	BDL		1.0	0.6	BDL	5
1,1,2 Trichloroethane	NA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	1
1,2-Dichloroethane	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	0.6
1,2 Dibromoethane	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	0.0006
1,4-Dichlorobenzene	NA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	3
1,2-Dichlorobenzene	NA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	3
Trichloroethene	3.0	**7.6**		**17.6**	**14.6**	**19.3**	**18.7**	**23.1**	**19.5**	**14.6**	**14.8**	**15.9**	**7.8**	**15.2**	**12.4**	**13.8**	**15**	**11**	**12**	**9.2**	**10**	BDL	**11**	**9.8**	**12**	3.1		BDL	**8.5**	2.1	5
1,3,5-Trimethylbenzene	NA	NA		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
Naphthalene	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	50
1,1,1-Trichloromethane	NA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	NA	--
Methyl t-Butylether (MTBE)	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	10
Carbon Tetrachloride	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
Chloromethane	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
p-Ethyltoluene	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	1.7	BDL	BDL	BDL		BDL	1.1	BDL	5
Chlorodifluoromethane	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	--
Total VOCs	28.9	**195.5**		**255.1**	44.8	**227.8**	**220.2**	**264.5**	**179.3**	**143.5**	**235.7**	**112.2**	**113.9**	**267.8**	**140.5**	**131.1**	**231.4**	**51.5**	**149.9**	**92.9**	**115.0**	**88.2**	**119.6**	**136.1**	**127.3**	**76.4**		**96.9**	**86.0**	23.9	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																															
1,2-Dichlorobenzene	BDL	LA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA		NA	NA	BDL	3
2,4-Dinitrotoluene	BDL	LA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA		NA	NA	NA	5
Diethyl Phthalate	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	1.8	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA		NA	NA	NA	50
Bis(2-Ethylhexyl) Phthalate	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	5
Fluorene	BDL	LA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	50
Naphthalene	BDL	LA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	BDL	50
Total Semi-VOCs	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)																															
ph	5.64	LA		NA	4.94	NA	NA	NA	4.83	NA	NA	NA	4.98	NA	NA	NA	4.98	NA	NA	NA	5.23	NA	NA	NA	NA	NA		NA	NA	NA	--
Specific Conductance	30.0	LA		NA	276.0	NA	NA	NA	267	NA	NA	NA	244	NA	NA	NA	243	NA	NA	NA	187	NA	NA	NA	NA	NA		NA	NA	NA	--
Alkalinity as Calcium Carbonate	BDL	LA		NA	10	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	5	NA	NA	NA	12	NA	NA	NA	NA	NA		NA	NA	NA	--
B.O.D.	1.0	LA		NA	2	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NR	NA	NA	NA	BDL	NA	NA	NA	NA	NA		NA	NA	NA	--
Chemical Oxygen Demand	40.6	LA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA		NA	NA	NA	--
Hardness, Total	1.9	LA		NA	56.6	NA	NA	NA	49.4	NA	NA	NA	45.3	NA	NA	NA	44.2	NA	NA	NA	55.0	NA	NA	NA	NA	NA		NA	NA	NA	--
Nitrate as N	BDL	LA		NA	1.5	NA	NA	NA	1.44	NA	NA	NA	1.42	NA	NA	NA	1.56	NA	NA	NA	0.19	NA	NA	NA	NA	NA		NA	NA	NA	10
Total Phosphorus as P	BDL	LA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA		NA	NA	NA	--
Sodium, Total	1.91	LA		NA	**25.6**	NA	NA	NA	**23**	NA	NA	NA	**21.7**	NA	NA	NA	**21.1**	NA	NA	NA	**31.0**	NA	NA	NA	8.31	NA		NA	NA	NA	20
Total Kjeldahl as N	0.16	LA		NA	0.35	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.21	NA	NA	NA	BDL	NA	NA	NA	NA	NA		NA	NA	NA	--
Ammonia as N	BDL	LA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA		NA	NA	NA	2
Sulfate	6.4	LA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	3.09	NA	NA	NA	NA	NA		NA	NA	NA	250
Chloride	5.0	LA		NA	75	NA	NA	NA	62.5	NA	NA	NA	5.5	NA	NA	NA	57.5	NA	NA	NA	58.0	NA	NA	NA	NA	NA		NA	NA	NA	250
Total Dissolved Solids	47	LA		NA	208	NA	NA	NA	167	NA	NA	NA	138	NA	NA	NA	158	NA	NA	NA	134	NA	NA	NA	NA	NA		NA	NA	NA	--
Total Suspended Solids	1.0	LA		NA	BDL	NA	NA	NA	BDL	NA	NA	NA	2	NA	NA	NA	1	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	--
Aluminum, Total	0.045	LA		NA	0.019	NA	NA	NA	0.029	NA	NA	NA	0.011	NA	NA	NA	0.042	NA	NA	NA	0.017	NA	NA	NA	0.028	NA		NA	NA	NA	--
Iron, Total	**1.39**	LA		NA	0.034	NA	NA	NA	0.112	NA	NA	NA	0.022	NA	NA	NA	0.135	NA	NA	NA	0.107	NA	NA	NA	0.032	NA		NA	NA	NA	0.3
Manganese, Total	0.006	LA		NA	0.026	NA	NA	NA	0.025	NA	NA	NA	0.021	NA	NA	NA	0.023	NA	NA	NA	0.023	NA	NA	NA	0.024	NA		NA	NA	NA	0.3
Nickel, Total	BDL	LA		NA	0.013	NA	NA	NA	0.014	NA	NA	NA	0.010	NA	NA	NA	0.021	NA	NA	NA	0.027	NA	NA	NA	0.007	NA		NA	NA	NA	0.1
Chromium, Total	BDL	LA		NA	BDL	NA	NA	NA	0.008	NA	NA	NA	0.008	NA	NA	NA	0.016	NA	NA	NA	0.016	NA	NA	NA	BDL	NA		NA	NA	NA	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
J: Estimated Value
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 20
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-4B

BP-4B	DATE SAMPLED																																				NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/8/99	9/29/00	1/16/01	4/5/01	6/15/01	10/5/01	12/5/01	3/25/02	6/25/02	10/3/02	12/17/02	3/27/03	7/7/03	10/10/03	1/13/04	3/25/04	6/22/04	9/22/04	12/13/04	3/31/05	6/20/05	9/22/05	12/29/05	3/28/06	6/15/06	9/22/06	1/9/07	3/27/07	6/19/07	9/21/07	12/12/07	3/4/08	9/10/08	3/12/09	9/10/09	3/18/10	9/2/10	3/7/11	
Vinyl Chloride	**10.6**	**7.2**	**10.2**	**5.3**	BDL	**8.7**	BDL	BDL	BDL	1.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**3.3**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	4.4	BDL	BDL	BDL	BDL	1.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	4.8	3.2	3.3	2.4	BDL	2.5	BDL	2.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**5.2**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6	0.5	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	LA	BDL	BDL	3.7	**7.8 B**	**6.6 B**	BDL	**6.6 B**	**5.8 B**	5
t -1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
c-1,2-Dichloroethene	**117.0**	**206**	**248**	**206.0**	BDL	**174**	**78.9**	**135.6**	**96.8**	**33.3**	**36.8**	**65.1**	**25.6**	**34.1**	**21**	**18.6**	3.6	4.2	**23.8**	**10.0**	1.3	**7.9**	**6.1**	3.2	**13.8**	**5.4**	3.9	3.9	**12.0**	2.0	2.5	1.6	BDL	BDL	0.75	0.41 J	BDL	BDL	5
1,2-Dichloroethene	BDL	BDL	17.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
Benzene	**8.5**	**277**	**453**	**228.0**	**308.0**	**450**	**103**	**228.3**	**149**	**31.3**	**35.1**	BDL	**14.8**	**44.1**	**26.1**	**27.9**	**7.1**	**5.8**	**17.8**	**9.3**	**1.1**	**7.9**	**6.5**	**4.4**	**3.3**	**6.1**	**5.1**	**6.8**	**15.0**	**3.7**	**3.6**	**2.1**	BDL	BDL	0.98	BDL	0.56 J	BDL	1
Toluene	**32.1**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.6	BDL	BDL	BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
Tetrachloroethene	**597.0**	**158**	**175**	**159.0**	**332.0**	**154**	**88.6**	**85.1**	**63.9**	**57.9**	**48.9**	**83.6**	**29.5**	**34.7**	**30**	**31.7**	BDL	**12.4**	**28.6**	**13.6**	1.3	4.4	**7.7**	**5.5**	4.1	**8.5**	3.6	4.4	**9.6**	3.1	**5.2**	2.8	1.8	1.0	0.90	1.10	BDL	BDL	5
Chlorobenzene	**26.2**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Ethyl Benzene	**155.0**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
m,p-Xylene	4.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	**37.3**	**5.5**	**11.5**	3.2	**5.2**	**10.1**	3.1	**9.5**	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Isopropylbenzene	**9.8**	**11.6**	**12.8**	**8.9**	**16.6**	**7.5**	2.3	**7.6**	4.6	BDL	BDL	2.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,1 Trichloroethane	BDL	BDL	BDL	BDL	BDL	3.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,2 Trichloroethane	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	**15.5**	**3.3**	BDL	BDL	BDL	**1.8**	**5.4**	BDL	BDL	0.9	BDL	BDL	BDL	BDL	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	2.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Trichloroethene	BDL	**55.2**	**56.4**	**51.5**	**114.0**	**33.6**	**24.9**	**30.4**	**23.7**	**11.8**	**13.3**	**16.8**	**10.2**	**10.3**	**6.8**	6.3	BDL	2.6	**5.7**	3.6	BDL	2.7	2.0	1.0	3.6	1.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	**9.1**	**23.0**	**6.9**	**13.8**	**21.0**	**6.8**	BDL	**9.5**	BDL	1.4	2.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Naphthalene	20.0	BDL	BDL	BDL	BDL	8.3	10.0	11.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA
Methyl t-Butylether (MTBE)	5.7	8.5	5.3	5.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Total VOCs	**1033.0**	**741.3**	**1015.6**	**676.4**	**792.0**	**889.8**	**320.9**	**510.5**	**351.9**	**137.6**	**138.5**	**175.2**	**80.1**	**123.2**	**84.8**	**84.5**	10.7	25.0	**76.5**	37.0	3.7	22.9	22.3	14.1	37.9	21.7	12.6	15.1	36.6	8.8	11.3	6.5	5.5	8.8	13.8	1.5	7.2	5.8	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																																							
1,2-Dichlorobenzene	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	BDL	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	BDL	3
2,4-Dinitrotoluene	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	BDL	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Diethyl Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Bis(2-Ethylhexyl) Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Fluorene	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Naphthalene	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)																																							
ph	4.96	NA	NA	NA	5.07	NA	NA	NA	4.90	NA	NA	NA	5.08	NA	NA	NA	4.93	NA	NA	NA	5.01	NA	NA	NA	5.10	NA	NA	NA	5.10	NA	NA	NA	NA	5.24	5.54	6.51	5.10	5.75	--
Specific Conductance	248	NA	NA	NA	314	NA	NA	NA	331	NA	NA	NA	374	NA	NA	NA	394	NA	NA	NA	420	NA	NA	NA	313	NA	NA	NA	298	NA	NA	NA	NA	439.0	474.0	501.0	553.0	507	--
Alkalinity as Calcium Carbonate	9	NA	NA	NA	8.0	NA	NA	NA	9.0	NA	NA	NA	8.0	NA	NA	NA	5.0	NA	NA	NA	5.0	NA	NA	NA	5.0	NA	NA	NA	NA	NA	NA	NA	NA	9.09	10.1	10.1	7.07	11.1	--
B.O.D.	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	--
Chemical Oxygen Demand	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	--
Hardness, Total	49.8	NA	NA	NA	64.0	NA	NA	NA	63.7	NA	NA	NA	72.7	NA	NA	NA	62.7	NA	NA	NA	70.3	NA	NA	NA	54.5	NA	NA	NA	55.1	NA	NA	NA	NA	72.80	71.7	89.9	91.6	86.7	--
Nitrate as N	0.53	NA	NA	NA	3.05	NA	NA	NA	0.60	NA	NA	NA	1.57	NA	NA	NA	0.47	NA	NA	NA	0.43	NA	NA	NA	2.55	NA	NA	NA	0.652	NA	NA	NA	NA	2.0	2.32	3.12	2.45	1.18	10
Total Phosphorus as P	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	NA	BDL	BDL	BDL	--
Sodium, Total	**23.4**	NA	NA	NA	**26.5**	NA	NA	NA	**21.9**	NA	NA	NA	**35.6**	NA	NA	NA	**42.2**	NA	NA	NA	**45.4**	NA	NA	NA	**31.8**	NA	NA	NA	**43.5**	NA	NA	NA	13.8	**22.3**	BDL	17.5	**32.40**	19.6	20
Total Kjeldahl as N	0.16	NA	NA	NA	0.13	NA	NA	NA	0.32	NA	NA	NA	0.31	NA	NA	NA	0.38	NA	NA	NA	LA	NA	NA	NA	0.58	NA	NA	NA	BDL	NA	NA	NA	NA	0.474	1.0	1.3	2.14	3.98	--
Ammonia as N	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.29	NA	NA	NA	0.79	NA	NA	NA	0.54	NA	NA	NA	0.954	NA	NA	NA	NA	0.647	0.87	1.19	**2.15**	**2.06**	2
Sulfate	40.8	NA	NA	NA	43.8	NA	NA	NA	46.2	NA	NA	NA	39.7	NA	NA	NA	41.9	NA	NA	NA	42.5	NA	NA	NA	34.5	NA	NA	NA	22.0	NA	NA	NA	NA	NA	87.1	98.4	66.10	70.4	250
Chloride	30	NA	NA	NA	58	NA	NA	NA	52.5	NA	NA	NA	70	NA	NA	NA	72.5	NA	NA	NA	80.0	NA	NA	NA	65.0	NA	NA	NA	75.0	NA	NA	NA	NA	74.0	84.0	84.0	85.00	78	250
Total Dissolved Solids	132	NA	NA	NA	216	NA	NA	NA	178	NA	NA	NA	235	NA	NA	NA	251	NA	NA	NA	LA	NA	NA	NA	163	NA	NA	NA	220	NA	NA	NA	NA	254.0	283.0	278.0	302.0	307	--
Total Suspended Solids	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	1.0	NA	NA	NA	1.0	NA	NA	NA	NA	BDL	BDL	4.0	BDL	BDL	--
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	0.025
Aluminum, Total	BDL	NA	NA	NA	0.020	NA	NA	NA	BDL	NA	NA	NA	0.037	NA	NA	NA	0.025	NA	NA	NA	0.020	NA	NA	NA	0.018	NA	NA	NA	0.014	NA	NA	NA	0.026	0.055	0.044	0.091	0.040	0.029	--
Iron, Total	0.015	NA	NA	NA	0.013	NA	NA	NA	0.009	NA	NA	NA	0.011	NA	NA	NA	0.047	NA	NA	NA	0.003	NA	NA	NA	0.006	NA	NA	NA	BDL	NA	NA	NA	0.012	0.123	0.093	**0.363**	0.035	0.043	0.3
Manganese, Total	0.13	NA	NA	NA	0.208	NA	NA	NA	0.231	NA	NA	NA	0.266	NA	NA	NA	0.255	NA	NA	NA	0.282	NA	NA	NA	0.211	NA	NA	NA	0.250	NA	NA	NA	**0.360**	**0.358**	0.294	**0.316**	**0.343**	**0.325**	0.3
Nickel, Total	0.020	NA	NA	NA	0.008	NA	NA	NA	0.011	NA	NA	NA	0.008	NA	NA	NA	0.009	NA	NA	NA	0.009	NA	NA	NA	0.008	NA	NA	NA	0.008	NA	NA	NA	0.008	0.009	0.009	0.011	0.008	0.01 J	0.1
Chromium, Total	BDL	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	NA	BDL	BDL	0.005	0.010	BDL	BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
J: Estimated Value
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 21
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-4C

BP-4C	DATE SAMPLED																															NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/8/99	9/29/00	1/16/01	4/5/01	6/15/01	10/5/01	12/5/01	3/25/02	6/25/02	10/3/02		3/28/03	7/7/03	10/10/03	3/26/04	6/22/04	9/22/04	12/13/04	3/31/05	6/20/05	9/22/05	12/28/05	3/28/06	6/15/06	9/22/06	1/10/07	3/27/07	6/19/07	9/21/07	12/12/07	3/11/11	
Vinyl Chloride	**5.0**	**9.3**	**9.1**	**7.9**	BDL	**6.1**	**9.9**	**8.3**	**6.2**	**5**		**4.9**	**5.1**	BDL	**8.7**	BDL	1.6	1.7	**2.2**	BDL	1.6	**2.2**	1.1	1.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	4.0	4.8	3.4	3.1	**7.7**	1.9	BDL	2.4	BDL	1.6		2	1.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	3.3	**5.2**	**5.3**	4.6	**8.3**	3.3	4.1	4.4	3.8	3		2.9	3.1	BDL	1.9	BDL	1.1	1.4	1.5	BDL	1.4	1.3	1.2	1.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	2.0		BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	LA	LA	BDL	3.3 B	5
t -1,2-Dichloroethene	BDL	2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	Equipment Failure No Sample	BDL	1.7	BDL	BDL	BDL	BDL	0.8	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
c-1,2-Dichloroethene	**152.0**	**247**	**303**	**278**	**404**	**154**	**164**	**145.6**	**124**	**89.8**		**98.4**	**98.8**	**65.8**	**44.2**	**37.8**	**24.1**	**30.9**	**29.6**	4.6	**24.8**	**36.3**	**17.3**	**17.4**	**25.0**	**20.0**	**12.0**	**17.0**	**12.0**	**10.0**	0.68 J	5
1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
Benzene	**9.0**	**75.1**	**85.8**	**80.9**	**127.0**	**52.9**	**49.9**	**43.6**	**37.9**	**24.9**		**32.9**	**30.8**	**20.6**	**15.9**	**10.4**	**7.3**	**8.9**	**9.7**	1.1	**5.3**	**9.7**	**6.4**	**5.5**	**5.6**	**4.5**	**3.0**	**4.1**	**2.6**	**2.2**	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
Tetrachloroethene	**30.4**	**270**	**325**	**288**	**631**	**256**	**214**	**143**	**138**	**182.1**		**233**	**101**	**101**	**81.8**	**44.2**	**87.7**	**76.8**	**53.3**	**6.4**	**20.3**	**52.1**	**40.6**	**35.8**	**41.0**	**45.0**	**26.0**	**26.0**	**23.0**	**23.0**	2.3	5
Chlorobenzene	**34.4**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Ethyl Benzene	**206.0**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	1.4	5.0	**8.1**	**8.4**	**17.7**	**7.0**	**8.2**	**8.8**	**7.0**	4.6		**5.9**	**7.2**	3.7	BDL	2.5	2.0	1.4	BDL	BDL	0.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Isopropylbenzene	BDL	BDL	1.7	1.3	3.1	1.5	1.6	1.7	BDL	BDL		1.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	1.6	BDL	BDL	BDL	BDL		BDL	1.8	BDL	BDL	BDL	BDL	BDL	1.4	BDL	BDL	1.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,1 Trichloroethane	BDL	BDL	**9.6**	**9.0**	BDL	**6.1**	**6.1**	4.4	4.6	4.6		2	4.1	BDL	BDL	BDL	BDL	1.4	1.4	BDL	1.0	BDL	1.0	0.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,2 Trichloroethane	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
1,2-Dichloroethane	BDL	BDL	BDL	**3.9**	BDL	**2.1**	**1.9**	BDL	BDL	BDL		BDL	1.5	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Trichloroethene	BDL	**45.2**	**46.6**	**42.9**	**95.2**	**29.2**	**33.1**	**27.7**	**25**	**19.9**		**22.5**	**21.1**	**15.4**	**11.9**	**8.3**	**10.9**	**8.3**	**7.6**	1.3	**6.1**	**8.6**	**5.4**	**5.3**	**5.3**	4.8	3.0	BDL	3.0	2.5	BDL	5
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.6	0.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	1.6	3.3	2.5	BDL	4.4	4.8	BDL	4.2	2.6		4.4	BDL	BDL	BDL	BDL	BDL	0.7	BDL	BDL	BDL	BDL	4.6	0.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	3.1	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	--
Total VOCs	**445.5**	**665.2**	**800.9**	**730.5**	**1294.0**	**529.2**	**497.6**	**389.9**	**350.7**	**340.1**		**410.2**	**277.7**	**206.5**	**166.4**	**103.2**	**134.7**	**132.3**	**108.2**	13.4	**60.9**	**111.9**	**82.2**	**68.8**	**76.9**	**74.3**	44.0	47.1	40.6	37.7	6.3	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																																
1,2-Dichlorobenzene	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA		NA	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	BDL	3
2,4-Dinitrotoluene	3.9	NA	NA	NA	NA	NA	NA	NA	BDL	NA		NA	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	5
Diethyl Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	50
Bis(2-Ethylhexyl) Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Fluorene	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Naphthalene	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	50
Total Semi-VOCs	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)																																
ph	5.08	NA	NA	NA	5.18	NA	NA	NA	4.87	NA		NA	5.08	NA	NA	5.02	NA	NA	NA	5.04	NA	NA	NA	5.01	NA	NA	NA	5.08	NA	NA	5.33	--
Specific Conductance	119	NA	NA	NA	227.0	NA	NA	NA	250	NA		NA	238	NA	NA	185	NA	NA	NA	201	NA	NA	NA	200	NA	NA	NA	147	NA	NA	217	--
Alkalinity as Calcium Carbonate	8	NA	NA	NA	9.0	NA	NA	NA	10	NA		NA	10	NA	NA	7	NA	NA	NA	6	NA	NA	NA	6	NA	NA	NA		NA	NA	7.07	--
B.O.D.	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA		NA	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	BDL	--
Chemical Oxygen Demand	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA		NA	BDL	NA	NA	BDL	NA	NA	NA	29.0	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	8.04 J	--
Hardness, Total	24.1	NA	NA	NA	58.6	NA	NA	NA	60.9	NA		NA	65.2	NA	NA	46.7	NA	NA	NA	52.0	NA	NA	NA	51.7	NA	NA	NA	46.1	NA	NA	44.6	--
Nitrate as N	2.3	NA	NA	NA	3.45	NA	NA	NA	4.37	NA		NA	4.08	NA	NA	3.72	NA	NA	NA	3.82	NA	NA	NA	3.76	NA	NA	NA	3.91	NA	NA	3.3	10
Total Phosphorus as P	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA		NA	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	BDL	--
Sodium, Total	10.3	NA	NA	NA	14.3	NA	NA	NA	14.5	NA		NA	14	NA	NA	12.4	NA	NA	NA	13.1	NA	NA	NA	14.0	NA	NA	NA	16.0	NA	NA	7.69	20
Total Kjeldahl as N	BDL	NA	NA	NA	0.1	NA	NA	NA	0.31	NA		NA	0.28	NA	NA	0.13	NA	NA	NA	BDL	NA	NA	NA	0.14	NA	NA	NA	BDL	NA	NA	0.22 J	--
Ammonia as N	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA		NA	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	0.0261 J	2
Sulfate	5.06	NA	NA	NA	20.5	NA	NA	NA	16.6	NA		NA	25	NA	NA	14.2	NA	NA	NA	15.3	NA	NA	NA	13.6	NA	NA	NA	26.6	NA	NA	5.01	250
Chloride	15	NA	NA	NA	33	NA	NA	NA	40	NA		NA	27.5	NA	NA	27.5	NA	NA	NA	25.0	NA	NA	NA	30.0	NA	NA	NA	37.5	NA	NA	32	250
Total Dissolved Solids	64	NA	NA	NA	145	NA	NA	NA	138	NA		NA	158	NA	NA	152	NA	NA	NA	111	NA	NA	NA	128	NA	NA	NA	158	NA	NA	102	--
Total Suspended Solids	BDL	NA	NA	NA	1.0	NA	NA	NA	BDL	NA		NA	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	1.0	NA	NA	NA	2.0	NA	NA	BDL	--
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	0.025
Aluminum, Total	BDL	NA	NA	NA	0.011	NA	NA	NA	0.084	NA		NA	BDL	NA	NA	BDL	NA	NA	NA	0.005	NA	NA	NA	0.025	NA	NA	NA	0.005	NA	NA	0.012 J	--
Iron, Total	0.003	NA	NA	NA	0.013	NA	NA	NA	0.037	NA		NA	0.009	NA	NA	0.012	NA	NA	NA	0.001	NA	NA	NA	0.039	NA	NA	NA	BDL	NA	NA	0.026	0.3
Manganese, Total	0.005	NA	NA	NA	0.026	NA	NA	NA	0.031	NA		NA	0.037	NA	NA	0.022	NA	NA	NA	0.023	NA	NA	NA	0.023	NA	NA	NA	0.020	NA	NA	0.021	0.3
Nickel, Total	0.019	NA	NA	NA	0.003	NA	NA	NA	0.008	NA		NA	0.003	NA	NA	0.003	NA	NA	NA	0.003	NA	NA	NA	0.004	NA	NA	NA	0.004	NA	NA	BDL	0.1
Chromium, Total	BDL	NA	NA	NA	0.001	NA	NA	NA	BDL	NA		NA	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 22
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-9B

BP-9B	DATE SAMPLED																																NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/4/99	10/12/00	1/16/01	3/28/01	6/15/01	10/4/01	12/6/01	3/25/02	6/27/02	10/1/02	12/16/02	3/28/03	6/30/03	10/8/03	1/13/04	3/25/04	6/10/04	9/23/04	12/14/04	3/30/05	6/17/05	9/21/05	12/27/05	3/23/06	6/15/06	9/19/06	1/9/07	3/28/07	6/19/07	9/19/07	12/11/07		9/10/08	3/17/11	
Vinyl Chloride	BDL	**2.6**	**3.9**	**4.3**	**3.6**	BDL	BDL	1.2	BDL	BDL	BDL	2	BDL	**3.3**	BDL	**17.3**	BDL	1.9	**2.9**	**2.8**	**4.4**	**5.5**	**8**	**4.0**	BDL	BDL	BDL	**3.1**	BDL	BDL	**4.1**		**2.3**	BDL	2
1,1-Dichloroethene	3.6	1.4	BDL	2.6	1.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
1,1-Dichloroethane	**6.4**	**11.7**	**11.4**	**16.0**	**9.6**	BDL	**8**	**7.4**	BDL	3.6	**5.2**	**7.6**	**8.8**	**6.8**	**8**	**14.8**	**6.0**	4.2	**7.8**	**5.1**	**6.1**	**6.7**	**10.6**	**5.6**	BDL	BDL	**5.4**	3.6	5.0	3.2	4.0		BDL	0.52 J	5
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	BDL	2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.8	0.9	2.9	1.5	1.9	BDL	BDL	BDL	NA	BDL	BDL	LA	BDL	Not Sampled 5th Qtr. Well	4.0 B	4.6 B	5
t -1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
c-1,2-Dichloroethene	**106.0**	**58.3**	**94.2**	**143.0**	**76.7**	BDL	**35.8**	**47.6**	BDL	**12.4**	**17.4**	**20.6**	**25.5**	**20.8**	**35.8**	**36.5**	**13.1**	**9.6**	**17.3**	**11.5**	**12.8**	**17.9**	**33.0**	**18.9**	**5.8**	BDL	**18.0**	**14.0**	**17.0**	**12.0**	**14.0**		**9.5**	BDL	5
1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.7	1.1	BDL	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	--
Benzene	BDL	**2.2**	**3.6**	**6.0**	**2.8**	BDL	BDL	**2.0**	BDL	BDL	**1.2**	**4.1**	**5.5**	**4.2**	BDL	**8.7**	**2.8**	**1.9**	**3.4**	**2.6**	**2.5**	**3.3**	**7.5**	**4.7**	**10.1**	BDL	**2.7**	**2.5**	**3.4**	**2.2**	**2.2**		**1.7**	0.64 J	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.8	0.6	BDL	BDL	BDL	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	7
Tetrachloroethene	**98.9**	**28.5**	**43.7**	**69.8**	**39.8**	BDL	**16**	**18.8**	BDL	**5.9**	**9.4**	**23.7**	**7.3**	**7.0**	**16**	**15.2**	**10.9**	**13.5**	**8.5**	4.5	3.4	1.8	**6.6**	**6.3**	4.8	BDL	3.6	2.4	2.6	2.6	2.2		2.3	0.86 J	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	5
Dichlorodifluoromethane	BDL	BDL	BDL	2.7	BDL	BDL	BDL	BDL	BDL	BDL	1.2	BDL	BDL	2.3	BDL	**11.1**	BDL	2.0	3.4	5.0	**7.3**	3.8	**5.8**	3.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
1,1,1 Trichloroethane	BDL	2.7	BDL	6.9	4.1	BDL	BDL	1.6	BDL	BDL	BDL	BDL	1.5	BDL	BDL	1.4	BDL	BDL	BDL	BDL	BDL	0.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
1,1,2 Trichloroethane	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	1
1,2-Dichloroethane	BDL	BDL	BDL	**3.0**	**1.7**	BDL	BDL	BDL	BDL	BDL	**1**	BDL	**2.4**	**1.1**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	1.3	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	3
Trichloroethene	BDL	**8.7**	**10.8**	**15.0**	**9.8**	BDL	**6.9**	**6.4**	BDL	2.5	3.3	4.0	**5.2**	4.2	**6.9**	**8.2**	4.1	**7.8**	3.8	3.4	3.3	4.1	**6.2**	4.3	BDL	BDL	2.9	2.4	BDL	2.1	2.2		BDL	BDL	5
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	NA	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	10
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	BDL	--
Total VOCs	**214.9**	**116.1**	**167.6**	**269.3**	**149.5**	0.0	**66.8**	**85.0**	2.0	24.4	38.7	**62.0**	**56.2**	49.7	**66.8**	**113.2**	36.9	40.9	49.5	36.4	43.4	46.6	**79.6**	48.7	20.7	0.0	32.6	28.0	28.0	22.1	28.7		19.8	6.6	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																																			
1,2-Dichlorobenzene	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	BDL	3
2,4-Dinitrotoluene	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	NA	5
Diethyl Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	NA	50
Fluorene	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	50
Naphthalene	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	BDL	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	--
INORGANIC PARAMETERS (mg/l)																																			
ph	4.97	NA	NA	NA	5.05	NA	NA	NA	5.15	NA	NA	NA	5.05	NA	NA	NA	4.98	NA	NA	NA	5.05	NA	NA	NA	4.98	NA	NA	NA	4.91	NA	NA		NA	4.92	--
Specific Conductance	89.6	NA	NA	NA	120.0	NA	NA	NA	93	NA	NA	NA	120.0	NA	NA	NA	172	NA	NA	NA	195	NA	NA	NA	226	NA	NA	NA	210	NA	NA		NA	364	--
Alkalinity as Calcium Carbonate	5	NA	NA	NA	6.0	NA	NA	NA	BDL	NA	NA	NA	6.0	NA	NA	NA	7	NA	NA	NA	6	NA	NA	NA	5	NA	NA	NA	66	NA	NA		NA	9.09	--
B.O.D.	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	BDL	--
Chemical Oxygen Demand	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	15.4	--
Hardness, Total	16.2	NA	NA	NA	3.7	NA	NA	NA	15.8	NA	NA	NA	3.7	NA	NA	NA	32.3	NA	NA	NA	34.8	NA	NA	NA	38.3	NA	NA	NA	39.4	NA	NA		NA	36	--
Nitrate as N	3.62	NA	NA	NA	3.06	NA	NA	NA	3.16	NA	NA	NA	3.06	NA	NA	NA	2.12	NA	NA	NA	2.33	NA	NA	NA	2.23	NA	NA	NA	4.93	NA	NA		NA	1.82	10
Total Phosphorus as P	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	4.57	--
Sodium, Total	LA	NA	NA	NA	9.62	NA	NA	NA	8.06	NA	NA	NA	9.62	NA	NA	NA	16.6	NA	NA	NA	18.7	NA	NA	NA	**24.2**	NA	NA	NA	**32.7**	NA	NA		11.20	**20.2**	20
Total Kjeldahl as N	0.13	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.2	NA	NA	NA	BDL	NA	NA		NA	0.638	--
Ammonia as N	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	BDL	2
Sulfate	BDL	NA	NA	NA	BDL	NA	NA	NA	9.81	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	BDL	250
Chloride	12.5	NA	NA	NA	18.0	NA	NA	NA	15	NA	NA	NA	18.0	NA	NA	NA	42.5	NA	NA	NA	37.5	NA	NA	NA	48.0	NA	NA	NA	70.0	NA	NA		NA	75	250
Total Dissolved Solids	48	NA	NA	NA	80.0	NA	NA	NA	56	NA	NA	NA	80.0	NA	NA	NA	118	NA	NA	NA	117	NA	NA	NA	143	NA	NA	NA	184	NA	NA		NA	176	--
Total Suspended Solids	BDL	NA	NA	NA	1.0	NA	NA	NA	BDL	NA	NA	NA	1.0	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	1.0	NA	NA		NA	BDL	--
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	BDL	0.025
Aluminum, Total	BDL	NA	NA	NA	BDL	NA	NA	NA	0.055	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.013	NA	NA	NA	0.016	NA	NA	NA	0.008	NA	NA		BDL	0.018 J	--
Iron, Total	BDL	NA	NA	NA	0.132	NA	NA	NA	BDL	NA	NA	NA	0.132	NA	NA	NA	0.008	NA	NA	NA	0.005	NA	NA	NA	0.005	NA	NA	NA	BDL	NA	NA		0.006	0.025	0.3
Manganese, Total	0.003	NA	NA	NA	0.009	NA	NA	NA	0.008	NA	NA	NA	0.009	NA	NA	NA	0.021	NA	NA	NA	0.027	NA	NA	NA	0.029	NA	NA	NA	0.034	NA	NA		0.042	0.038	0.3
Nickel, Total	0.005	NA	NA	NA	0.002	NA	NA	NA	0.003	NA	NA	NA	0.002	NA	NA	NA	0.003	NA	NA	NA	0.004	NA	NA	NA	0.005	NA	NA	NA	0.004	NA	NA		0.006	0.006 J	0.1
Chromium, Total	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA		BDL	BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specifed for termination of remedial systen
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 23
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-9C

BP-9C	DATE SAMPLED																													NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	7/27/99	9/27/00	3/28/01	6/15/01	10/4/01	12/19/01	3/25/02	6/27/02		3/28/03		10/15/03		6/24/04	9/23/04	12/14/04	4/5/05	6/22/05	9/21/05	12/27/05	3/23/06	6/19/06	9/25/06	1/9/07	3/29/07	6/27/08	9/24/07	12/11/07	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Methylene Chloride	NA	NA	NA	NA	NA	NA	BDL	BDL	Equipment Failure No Sample	BDL	Equipment Failure No Sample	BDL	Equipment Failure No Sample	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	LA	LA	BDL	BDL	5
t -1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	--
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		**6.1**		BDL		BDL	BDL	3.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,1 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,2 Trichloroethane	NA	NA	NA	NA	NA	NA	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL		BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA		NA		NA		NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA		NA		NA		NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA		NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA		NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA		NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	--
Total VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		6.1		0.0		0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																													
1,2-Dichlorobenzene	NA	NA	NA	BDL	NA	NA	NA	BDL		NA		NA		BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	3
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	NA	NA	BDL		NA		NA		BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	5
Bis(2-Ethylhexyl) Phthalate	NA	NA	NA	NA	NA	NA	NA	NA		NA		NA		NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	5
Fluorene	NA	NA	NA	NA	NA	NA	NA	BDL		NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Naphthalene	NA	NA	NA	BDL	NA	NA	NA	BDL		NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS (ug/l)																													
ph	NA	NA	NA	7.19	NA	NA	NA	6.27		NA		NA		6.13	NA	NA	NA	6.29	NA	NA	NA	5.77	NA	NA	NA	6.18	NA	NA	--
Specific Conductance	NA	NA	NA	111.0	NA	NA	NA	76		NA		NA		66	NA	NA	NA	50.7	NA	NA	NA	60	NA	NA	NA	48	NA	NA	--
Alkalinity as Calcium Carbonate	NA	NA	NA	40.0	NA	NA	NA	18		NA		NA		11	NA	NA	NA	8.5	NA	NA	NA	8	NA	NA	NA	15	NA	NA	--
B.O.D.	NA	NA	NA	BDL	NA	NA	NA	BDL		NA		NA		BDL	NA	NA	NA	3.0	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Chemical Oxygen Demand	NA	NA	NA	BDL	NA	NA	NA	BDL		NA		NA		BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Hardness, Total	NA	NA	NA	38.4	NA	NA	NA	22.8		NA		NA		17.9	NA	NA	NA	16.3	NA	NA	NA	14.5	NA	NA	NA	14.3	NA	NA	--
Nitrate as N	NA	NA	NA	1.52	NA	NA	NA	1.43		NA		NA		1.44	NA	NA	NA	1.47	NA	NA	NA	1.46	NA	NA	NA	0.327	NA	NA	10
Total Phosphorus as P	NA	NA	NA	BDL	NA	NA	NA	BDL		NA		NA		BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Sodium, Total	NA	NA	NA	3.3	NA	NA	NA	3.88		NA		NA		4.15	NA	NA	NA	4.09	NA	NA	NA	3.94	NA	NA	NA	6.18	NA	NA	20
Total Kjeldahl as N	NA	NA	NA	BDL	NA	NA	NA	BDL		NA		NA		BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Ammonia as N	NA	NA	NA	BDL	NA	NA	NA	BDL		NA		NA		BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	2
Sulfate	NA	NA	NA	5.4	NA	NA	NA	6.4		NA		NA		BDL	NA	NA	NA	5.1	NA	NA	NA	6.7	NA	NA	NA	14.6	NA	NA	250
Chloride	NA	NA	NA	BDL	NA	NA	NA	5		NA		NA		5.0	NA	NA	NA	BDL	NA	NA	NA	5.0	NA	NA	NA	13.0	NA	NA	250
Total Dissolved Solids	NA	NA	NA	73.0	NA	NA	NA	46		NA		NA		BDL	NA	NA	NA	46.0	NA	NA	NA	72.0	NA	NA	NA	90.0	NA	NA	--
Total Suspended Solids	NA	NA	NA	8.0	NA	NA	NA	BDL		NA		NA		44	NA	NA	NA	BDL	NA	NA	NA	15.0	NA	NA	NA	1.0	NA	NA	--
Aluminum, Total	NA	NA	NA	0.074	NA	NA	NA	0.034		NA		NA		0.034	NA	NA	NA	0.044	NA	NA	NA	0.199	NA	NA	NA	0.208	NA	NA	--
Iron, Total	NA	NA	NA	0.030	NA	NA	NA	0.012		NA		NA		0.035	NA	NA	NA	0.012	NA	NA	NA	0.090	NA	NA	NA	0.027	NA	NA	0.3
Manganese, Total	NA	NA	NA	0.001	NA	NA	NA	0.004		NA		NA		0.001	NA	NA	NA	0.014	NA	NA	NA	0.014	NA	NA	NA	0.013	NA	NA	0.3
Nickel, Total	NA	NA	NA	BDL	NA	NA	NA	BDL		NA		NA		BDL	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	NA	0.003	NA	NA	0.1
Chromium, Total	NA	NA	NA	0.001	NA	NA	NA	BDL		NA		NA		BDL	NA	NA	NA	0.001	NA	NA	NA	0.002	NA	NA	NA	0.003	NA	NA	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 24
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-10B

BP-10B	DATE SAMPLED																														NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/4/99	9/29/00	3/29/01	6/15/01	9/28/01	12/5/01	3/25/02	7/2/02	10/1/02	12/16/02	3/26/03	6/30/03	10/10/03	1/14/04	3/24/04	6/11/04	9/23/04	12/17/04	3/31/05	6/17/05	9/20/05	12/19/05	3/31/06	6/19/06	9/19/06	12/18/06	4/6/07	6/21/07	9/18/07	1/8/08	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Methylene Chloride	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	LA	LA	LA	LA	5
t -1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	--
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,1 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,2 Trichloroethane	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	--
Total VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																															
1,2-Dichlorobenzene	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	3
2,4-Dinitrotoluene	BDL	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	5
Bis(2-Ethylhexyl) Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	5
Fluorene	BDL	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Naphthalene	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)																															
ph	5.21	NA	NA	6.27	NA	NA	NA	5.46	NA	NA	NA	5.28	NA	NA	NA	5.18	NA	NA	NA	5.8	NA	NA	NA	5.28	NA	NA	NA	5.40	NA	NA	--
Specific Conductance	48.1	NA	NA	63.2	NA	NA	NA	48	NA	NA	NA	50	NA	NA	NA	53	NA	NA	NA	50.2	NA	NA	NA	52.0	NA	NA	NA	457	NA	NA	--
Alkalinity as Calcium Carbonate	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	5.0	NA	NA	NA	BDL	NA	NA	NA	17.0	NA	NA	--
B.O.D.	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Chemical Oxygen Demand	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Hardness, Total	8.8	NA	NA	7.7	NA	NA	NA	8.8	NA	NA	NA	15.3	NA	NA	NA	11.8	NA	NA	NA	9.5	NA	NA	NA	8.82	NA	NA	NA	9.01	NA	NA	--
Nitrate as N	1.73	NA	NA	1.96	NA	NA	NA	1.91	NA	NA	NA	1.96	NA	NA	NA	2.1	NA	NA	NA	2.0	NA	NA	NA	2.06	NA	NA	NA	0.562	NA	NA	10
Total Phosphorus as P	BDL	NA	NA	BDL	NA	NA	NA	0.28	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Sodium, Total	LA	NA	NA	2.44	NA	NA	NA	4.22	NA	NA	NA	4.81	NA	NA	NA	4.52	NA	NA	NA	4.56	NA	NA	NA	4.40	NA	NA	NA	6.59	NA	NA	20
Total Kjeldahl as N	BDL	NA	NA	BDL	NA	NA	NA	0.1	NA	NA	NA	0.26	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Ammonia as N	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.142	NA	NA	2
Sulfate	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	7.0	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	6.11	NA	NA	250
Chloride	7.5	NA	NA	5.0	NA	NA	NA	BDL	NA	NA	NA	5	NA	NA	NA	10	NA	NA	NA	BDL	NA	NA	NA	8.0	NA	NA	NA	13.0	NA	NA	250
Total Dissolved Solids	25	NA	NA	40	NA	NA	NA	46.0	NA	NA	NA	34	NA	NA	NA	63	NA	NA	NA	LA	NA	NA	NA	55	NA	NA	NA	38	NA	NA	--
Total Suspended Solids	2.5	NA	NA	BDL	NA	NA	NA	2.0	NA	NA	NA	1	NA	NA	NA	4	NA	NA	NA	BDL	NA	NA	NA	2.0	NA	NA	NA	2.0	NA	NA	--
Aluminum, Total	BDL	NA	NA	0.072	NA	NA	NA	0.093	NA	NA	NA	0.025	NA	NA	NA	0.044	NA	NA	NA	0.050	NA	NA	NA	0.025	NA	NA	NA	0.006	NA	NA	--
Iron, Total	BDL	NA	NA	0.034	NA	NA	NA	0.039	NA	NA	NA	0.018	NA	NA	NA	0.024	NA	NA	NA	0.018	NA	NA	NA	0.021	NA	NA	NA	BDL	NA	NA	0.3
Manganese, Total	0.001	NA	NA	0.002	NA	NA	NA	0.002	NA	NA	NA	0.002	NA	NA	NA	0.002	NA	NA	NA	0.002	NA	NA	NA	0.002	NA	NA	NA	0.002	NA	NA	0.3
Nickel, Total	0.005	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	0.1
Chromium, Total	BDL	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 25
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-10C

BP-10C	DATE SAMPLED																																NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/4/99	9/29/00	3/29/01	6/15/01	9/28/01	12/5/01	3/25/02	7/2/02	10/1/02	12/16/02	3/26/03	6/30/03	10/10/03	1/14/04	3/24/04	6/11/04	9/23/04	12/17/04	3/31/05	6/16/05	9/20/05	12/19/05	3/31/06	6/19/06	9/19/06	12/18/06	4/6/07	6/21/07	9/18/07	1/8/08	3/7/08	10/2/08	9/9/09	7/28/10	3/14/11	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.1	BDL	BDL	BDL	2.5	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.7	0.9	1.2	0.9	1.8	1.8	2.1	BDL	4.1	1.8	2.8	2.3	2.8	2.1	2.8	3.2	3.2	1.7	5
Methylene Chloride	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.7	BDL	0.6	BDL	BDL	NA	LA	LA	LA	LA	2.1 B	**7.2 B**	3.4 B	BDL	**6.5 B**	5
t -1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.4	1.0	1.6	BDL	1.8	1.5	2.2	2.9	3.7	1.8	5
1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.1	2.3	3.5	2.0	2.0	1.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,1 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,2 Trichloroethane	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
1,2-Dichloroethane	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	~~BDL~~	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	3.7	BDL	BDL	BDL	BDL	BDL	BDL	--
Total VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	3.2	4.7	4.1	3.8	3.9	2.1	0.0	6.5	2.8	4.4	2.3	9.4	5.7	12.2	9.5	9.4	10.0	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																																				
1,2-Dichlorobenzene	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	BDL	3
2,4-Dinitrotoluene	BDL	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	5
Bis(2-Ethylhexyl) Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	5
Diethyl Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Fluorene	BDL	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Naphthalene	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)																																				
ph	5	NA	NA	5.44	NA	NA	NA	5.11	NA	NA	NA	5.09	NA	NA	NA	4.98	NA	NA	NA	5.41	NA	NA	NA	4.93	NA	NA	NA	5.36	NA	NA	NA	NA	5.10	NA	4.81 H	--
Specific Conductance	44.2	NA	NA	46.6	NA	NA	NA	51.0	NA	NA	NA	53	NA	NA	NA	64	NA	NA	NA	81	NA	NA	NA	110	NA	NA	NA	111	NA	NA	NA	NA	227	NA	398	--
Alkalinity as Calcium Carbonate	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	10.0	NA	NA	NA	NA	5.05	NA	5.05	--
B.O.D.	~~BDL~~	~~NA~~	~~NA~~	~~BDL~~	~~NA~~	~~NA~~	~~NA~~	~~BDL~~	~~NA~~	~~NA~~	~~NA~~	~~BDL~~	~~NA~~	~~NA~~	~~NA~~	~~BDL~~	~~NA~~	~~NA~~	~~NA~~	~~BDL~~	~~NA~~	~~NA~~	~~NA~~	~~BDL~~	~~NA~~	~~NA~~	~~NA~~	~~BDL~~	~~NA~~	~~NA~~	~~NA~~	~~NA~~	~~BDL~~	~~NA~~	~~BDL~~	--
Chemical Oxygen Demand	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	38.0	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	NA	BDL	--
Hardness, Total	6.7	NA	NA	6.0	NA	NA	NA	8.3	NA	NA	NA	14	NA	NA	NA	14.2	NA	NA	NA	15.4	NA	NA	NA	21.3	NA	NA	NA	28.7	NA	NA	NA	NA	44.80	NA	62.4	--
Nitrate as N	1.8	NA	NA	2.17	NA	NA	NA	2.31	NA	NA	NA	2.08	NA	NA	NA	2.15	NA	NA	NA	1.97	NA	NA	NA	1.84	NA	NA	NA	1.84	NA	NA	NA	NA	1.61	NA	0.851	10
Total Phosphorus as P	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	NA	BDL	--
Sodium, Total	LA	NA	NA	3.1	NA	NA	NA	4.37	NA	NA	NA	5.34	NA	NA	NA	5.5	NA	NA	NA	6.44	NA	NA	NA	8.16	NA	NA	NA	11.90	NA	NA	NA	7.36	5.34	NA	14.8	20
Total Kjeldahl as N	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.13	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.12	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	NA	0.566	--
Ammonia as N	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	NA	0.032 J	2
Sulfate	BDL	NA	NA	BDL	NA	NA	NA	25.6	NA	NA	NA	6.9	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	3.64	NA	NA	NA	NA	2.530	NA	BDL	250
Chloride	7.5	NA	NA	5.0	NA	NA	NA	5.0	NA	NA	NA	5	NA	NA	NA	12.5	NA	NA	NA	7.5	NA	NA	NA	20.0	NA	NA	NA	38.0	NA	NA	NA	NA	69.00	NA	91	250
Total Dissolved Solids	16	NA	NA	39.0	NA	NA	NA	41.0	NA	NA	NA	41	NA	NA	NA	58	NA	NA	NA	41	NA	NA	NA	89	NA	NA	NA	108	NA	NA	NA	NA	141.0	NA	221	--
Total Suspended Solids	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	2.0	NA	NA	NA	1.5	NA	NA	NA	NA	1.00	NA	BDL	--
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	0.025
Aluminum, Total	BDL	NA	NA	0.025	NA	NA	NA	BDL	NA	NA	NA	0.020	NA	NA	NA	0.029	NA	NA	NA	0.017	NA	NA	NA	0.019	NA	NA	NA	0.018	NA	NA	NA	0.038	0.046	NA	0.065	--
Iron, Total	BDL	NA	NA	0.006	NA	NA	NA	0.008	NA	NA	NA	0.007	NA	NA	NA	0.048	NA	NA	NA	0.013	NA	NA	NA	0.009	NA	NA	NA	BDL	NA	NA	NA	0.018	0.106	NA	0.019 J	0.3
Manganese, Total	0.001	NA	NA	0.002	NA	NA	NA	0.002	NA	NA	NA	0.003	NA	NA	NA	0.003	NA	NA	NA	0.006	NA	NA	NA	0.009	NA	NA	NA	0.012	NA	NA	NA	0.019	0.025	NA	0.035	0.3
Nickel, Total	BDL	NA	NA	0.001	NA	NA	NA	0.002	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	0.002	NA	NA	NA	0.004	NA	NA	NA	0.006	0.009	NA	0.009 J	0.1
Chromium, Total	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	BDL	BDL	NA	BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
B: Detected in associated method blank
H: Holding times for preperation or analysis exceeded
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 26
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-12A

BP-12A	DATE SAMPLED																														NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/4/99	9/27/00	1/17/01	3/28/01	6/15/01	10/5/01	12/6/01	3/26/02	6/25/02	10/3/02	12/17/02	3/26/03		10/14/03	3/26/04	6/16/04	9/22/04	12/14/04	4/5/05	6/17/05	9/20/05	12/22/05	3/23/06	6/19/06	9/21/06	1/9/07	3/28/07	6/21/07	9/19/07	12/11/07	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	Equipment Failure No Samples June and December	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	LA	LA	LA	BDL	5
t -1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	--
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,1 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,2 Trichloroethane	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	--
Total VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																															
1,2-Dichlorobenzene	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA		NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	3
2,4-Dinitrotoluene	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA		NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	5
Bis(2-Ethylhexyl) Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	5
Fluorene	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Naphthalene	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)																															
ph	5.2	NA	NA	NA	5.1	NA	NA	NA	4.79	NA	NA	NA		NA	NA	5.02	NA	NA	NA	5.3	NA	NA	NA	5.08	NA	NA	NA	5.50	NA	NA	--
Specific Conductance	89	NA	NA	NA	67.4	NA	NA	NA	505	NA	NA	NA		NA	NA	74	NA	NA	NA	93.3	NA	NA	NA	113	NA	NA	NA	77.3	NA	NA	--
Alkalinity as Calcium Carbonate	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA		NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	12	NA	NA	NA	12	NA	NA	--
B.O.D.	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA		NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Chemical Oxygen Demand	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA		NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Hardness, Total	15.8	NA	NA	NA	8.8	NA	NA	NA	37.8	NA	NA	NA		NA	NA	11	NA	NA	NA	18.9	NA	NA	NA	26.0	NA	NA	NA	23.4	NA	NA	--
Nitrate as N	2.77	NA	NA	NA	1.8	NA	NA	NA	3.22	NA	NA	NA		NA	NA	2.75	NA	NA	NA	0.11	NA	NA	NA	**10.90**	NA	NA	NA	3.34	NA	NA	10
Total Phosphorus as P	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA		NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Sodium, Total	LA	NA	NA	NA	3.09	NA	NA	NA	70.2	NA	NA	NA		NA	NA	6.97	NA	NA	NA	7.11	NA	NA	NA	6.76	NA	NA	NA	7.97	NA	NA	20
Total Kjeldahl as N	BDL	NA	NA	NA	BDL	NA	NA	NA	0.19	NA	NA	NA		NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Ammonia as N	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA		NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.052	NA	NA	2
Sulfate	6.1	NA	NA	NA	BDL	NA	NA	NA	17.4	NA	NA	NA		NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	5.23	NA	NA	250
Chloride	15	NA	NA	NA	8.0	NA	NA	NA	118	NA	NA	NA		NA	NA	12.5	NA	NA	NA	BDL	NA	NA	NA	5.0	NA	NA	NA	18.0	NA	NA	250
Total Dissolved Solids	42	NA	NA	NA	40.0	NA	NA	NA	245	NA	NA	NA		NA	NA	71	NA	NA	NA	16	NA	NA	NA	93	NA	NA	NA	100	NA	NA	--
Total Suspended Solids	2	NA	NA	NA	3.5	NA	NA	NA	BDL	NA	NA	NA		NA	NA	1	NA	NA	NA	1	NA	NA	NA	1	NA	NA	NA	16	NA	NA	--
Aluminum, Total	BDL	NA	NA	NA	0.101	NA	NA	NA	0.078	NA	NA	NA		NA	NA	0.031	NA	NA	NA	0.052	NA	NA	NA	0.059	NA	NA	NA	0.037	NA	NA	--
Iron, Total	0.098	NA	NA	NA	**0.538**	NA	NA	NA	0.011	NA	NA	NA		NA	NA	0.044	NA	NA	NA	0.017	NA	NA	NA	0.023	NA	NA	NA	0.013	NA	NA	0.3
Manganese, Total	0.063	NA	NA	NA	0.095	NA	NA	NA	0.027	NA	NA	NA		NA	NA	0.025	NA	NA	NA	0.024	NA	NA	NA	0.020	NA	NA	NA	0.020	NA	NA	0.3
Nickel, Total	**0.113**	NA	NA	NA	**0.163**	NA	NA	NA	0.008	NA	NA	NA		NA	NA	0.001	NA	NA	NA	0.009	NA	NA	NA	0.010	NA	NA	NA	0.008	NA	NA	0.1
Chromium, Total	0.006	NA	NA	NA	0.047	NA	NA	NA	BDL	NA	NA	NA		NA	NA	0.008	NA	NA	NA	0.003	NA	NA	NA	0.004	NA	NA	NA	0.004	NA	NA	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 27
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-12B

BP-12B	DATE SAMPLED																																						NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/4/99	9/27/00	1/17/01	3/28/01	6/15/01	10/5/01	12/6/01	3/26/02	6/25/02	10/3/02	12/17/02	3/26/03	7/1/03	10/10/03	1/13/04	3/26/04	6/14/04	9/22/04	12/14/04	3/30/05	6/20/05	9/20/05	12/21/05	3/22/06	6/16/06	9/21/06	12/21/06	3/28/07	6/21/07	9/19/07	12/11/07	3/6/008	9/10/08	3/12/09	9/18/09	3/19/10	9/1/10	3/14/11	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.1	BDL	BDL	BDL	**3.6**	BDL	BDL	1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	5
1,1-Dichloroethane	**9.2**	**7.1**	**6.8**	**6.1**	**5.9**	**6.7**	**6.6**	**7.6**	**5.1**	**5.4**	**5.3**	**7.8**	**6.5**	**5.5**	3.3	**8.9**	**5.7**	3.7	**5.4**	2.2	BDL	2.1	1.5	0.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	2.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	LA	LA	BDL	BDL	3.2 B	3.1 B	**9 B**	**9.4 B**	BDL	**8.2 B**	4.3 B	5
t -1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
c-1,2-Dichloroethene	**78.9**	**42.6**	**49.6**	**41.2**	**35.5**	**35**	**36.4**	**40.5**	**28.1**	**31.2**	**26.7**	**35.9**	**39.1**	**29.7**	**21.8**	**42**	**30.1**	**19.5**	**31.1**	**10.9**	1.5	**25.8**	**20.3**	**6.9**	2.7	BDL	1.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	1.1	BDL	BDL	BDL	BDL	1.2	BDL	BDL	BDL	0.7	1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
Benzene	BDL	BDL	BDL	BDL	BDL	0.9	BDL	BDL	BDL	**6**	**3**	**10.1**	**11.1**	**3.4**	**4.5**	**10**	**6.8**	**4.4**	**11.2**	**1.9**	BDL	**26.8**	**34.1**	**3.9**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
Tetrachloroethene	**30.7**	**17.6**	**22.8**	**17.6**	**13**	**12.8**	**11.7**	**10.8**	**9.9**	**7.3**	**12.3**	**19.9**	**7.7**	**11**	**8.3**	**17.7**	**18.2**	**14**	**21.8**	**5.7**	0.7	8	**11.5**	**10.3**	2.9	1.1	1.3	BDL	BDL	BDL	1.1	0.89 J	BDL	BDL	1.1	0.96 J	BDL	BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.9	BDL	BDL	1.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	2.5	BDL	BDL	BDL	3.1	1.4	BDL	BDL	BDL	BDL	**6.7**	3.1	1.6	2	1.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,1 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,2 Trichloroethane	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**1.4**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	**1.2**	BDL	**1.7**	BDL	BDL	**1.3**	BDL	**2.3**	BDL	**0.9**	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Trichloroethene	**19.8**	**9.9**	**9.5**	**8.3**	**7**	**6.9**	**8.7**	**8.5**	**6.9**	**7.1**	**7**	**8.3**	**8.3**	**7.3**	4.9	**11.1**	**9**	**7.6**	**8**	3.7	BDL	**8.2**	**6.4**	3.8	1.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
1,1,1-Trichloromethane	3.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Total VOCs	**141.9**	**77.2**	**88.7**	**73.2**	**61.4**	**66**	**63.4**	**69.1**	50.0	**62.4**	**58.4**	**85**	**75**	**58**	45.3	**101.4**	**72.9**	**52**	**81.7**	26.5	2.2	**71.1**	**75.4**	26.2	7.1	1.1	2.7	0.0	0.0	0.0	1.1	4.1	3.1	9.0	10.5	1.0	8.2	4.3	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																																							
1,2-Dichlorobenzene	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	BDL	3
2,4-Dinitrotoluene	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Bis(2-Ethylhexyl) Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Diethyl Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Fluorene	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Naphthalene	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)																																							
ph	4.86	NA	NA	NA	4.97	NA	NA	NA	4.79	NA	NA	NA	4.96	NA	NA	NA	4.91	NA	NA	NA	5.13	NA	NA	NA	4.91	NA	NA	NA	5.11	NA	NA	NA	NA	5.24	5.60	5.71	5.30	5.06 H	--
Specific Conductance	454	NA	NA	NA	367.0	NA	NA	NA	505	NA	NA	NA	415	NA	NA	NA	358	NA	NA	NA	478	NA	NA	NA	414	NA	NA	NA	233	NA	NA	NA	NA	278	271	328	398	485	--
Alkalinity as Calcium Carbonate	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	7	NA	NA	NA	6	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	9.0	NA	NA	NA	NA	7.07	6.06	5.05	4.0	6.06	--
B.O.D.	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	--
Chemical Oxygen Demand	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	31	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	BDL	BDL	BDL	11.6	--
Hardness, Total	41.2	NA	NA	NA	34.0	NA	NA	NA	37.8	NA	NA	NA	39.3	NA	NA	NA	32.9	NA	NA	NA	40.5	NA	NA	NA	34.7	NA	NA	NA	19.2	NA	NA	NA	NA	BDL	17.30	31.90	33.1	40.9	--
Nitrate as N	3.53	NA	NA	NA	3.19	NA	NA	NA	3.22	NA	NA	NA	2.89	NA	NA	NA	2.74	NA	NA	NA	3.47	NA	NA	NA	3.51	NA	NA	NA	BDL	NA	NA	NA	NA	3.24	3.14	4.16	3.04	2.86	10
Total Phosphorus as P	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.09	NA	NA	NA	0.06	NA	NA	NA	BDL	NA	NA	NA	0.11	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	--
Sodium, Total	LA	NA	NA	NA	**43.6**	NA	NA	NA	**70.2**	NA	NA	NA	**62.1**	NA	NA	NA	**49**	NA	NA	NA	**69.9**	NA	NA	NA	**61.0**	NA	NA	NA	**41.0**	NA	NA	NA	12.50	NA	9.74	15.50	**33.00**	**24.5**	20
Total Kjeldahl as N	BDL	NA	NA	NA	BDL	NA	NA	NA	0.19	NA	NA	NA	0.18	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.14	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	BDL	0.59	1.83	--
Ammonia as N	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.060	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	2
Sulfate	23.2	NA	NA	NA	25.9	NA	NA	NA	17.4	NA	NA	NA	21.7	NA	NA	NA	23.1	NA	NA	NA	9.98	NA	NA	NA	11.8	NA	NA	NA	14.5	NA	NA	NA	NA	6.28	6.82	5.32	6.2	3.85	250
Chloride	95	NA	NA	NA	73.0	NA	NA	NA	118	NA	NA	NA	92.5	NA	NA	NA	77.5	NA	NA	NA	112.0	NA	NA	NA	98.0	NA	NA	NA	68.0	NA	NA	NA	NA	NA	69.00	80.50	92	101	250
Total Dissolved Solids	223	NA	NA	NA	202.0	NA	NA	NA	245	NA	NA	NA	235	NA	NA	NA	201	NA	NA	NA	249	NA	NA	NA	228	NA	NA	NA	146	NA	NA	NA	NA	150	149	174	203	240	--
Total Suspended Solids	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	2.0	NA	NA	NA	NA	BDL	BDL	4	BDL	BDL	--
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	0.025
Aluminum, Total	BDL	NA	NA	NA	0.025	NA	NA	NA	0.078	NA	NA	NA	0.025	NA	NA	NA	0.028	NA	NA	NA	0.032	NA	NA	NA	0.031	NA	NA	NA	0.008	NA	NA	NA	0.016	0.037	0.034	0.124	0.028	0.037	--
Iron, Total	BDL	NA	NA	NA	0.002	NA	NA	NA	0.011	NA	NA	NA	0.009	NA	NA	NA	0.005	NA	NA	NA	0.015	NA	NA	NA	0.020	NA	NA	NA	0.043	NA	NA	NA	0.085	0.198	0.166	**0.619**	0.051	0.028	0.3
Manganese, Total	0.015	NA	NA	NA	0.001	NA	NA	NA	0.027	NA	NA	NA	0.021	NA	NA	NA	0.028	NA	NA	NA	0.040	NA	NA	NA	0.036	NA	NA	NA	0.022	NA	NA	NA	0.024	0.025	0.023	0.051	0.043	0.056	0.3
Nickel, Total	0.011	NA	NA	NA	0.004	NA	NA	NA	0.008	NA	NA	NA	0.004	NA	NA	NA	0.003	NA	NA	NA	0.007	NA	NA	NA	0.01	NA	NA	NA	0.026	NA	NA	NA	0.020	0.021	0.011	0.036	0.013	0.01 J	0.1
Chromium, Total	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	0.002	NA	NA	NA	0.002	NA	NA	NA	0.010	NA	NA	NA	0.017	0.030	0.010	0.070	0.006	0.005 J	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
J: Estimated Value
B: Detected in associated method blank
H: Holding times for preperation or analysis exceeded
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 28
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-12C

BP-12C	DATE SAMPLED																																NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/15/00	9/28/00	1/17/01	3/28/01	6/15/01	10/5/01	12/6/01	3/26/02	6/25/02	10/3/02	12/10/02	3/26/03	7/1/03	10/10/03	1/13/04	3/26/04	6/14/04	9/22/04	12/14/04	3/30/05	6/17/05	9/20/05	12/21/05	3/22/06	6/16/06	9/21/06	1/9/07	3/27/07	6/21/07	9/18/07	12/11/07	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	LA	LA	BDL	BDL	5
t -1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	--
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,1 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,2 Trichloroethane	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	--
Total VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																																	
1,2-Dichlorobenzene	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	3
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	5
Bis(2-Ethylhexyl) Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	5
Fluorene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Naphthalene	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)																																	
ph	4.93	NA	NA	NA	5.25	NA	NA	NA	4.99	NA	NA	NA	4.83	NA	NA	NA	4.96	NA	NA	NA	5.23	NA	NA	NA	4.95	NA	NA	NA	4.95	NA	NA	--
Specific Conductance	34.0	NA	NA	NA	42.3	NA	NA	NA	39.0	NA	NA	NA	43	NA	NA	NA	50	NA	NA	NA	51.1	NA	NA	NA	53	NA	NA	NA	46.4	NA	NA	--
Alkalinity as Calcium Carbonate	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	13.0	NA	NA	--
B.O.D.	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Chemical Oxygen Demand	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	48.0	NA	NA	NA	BDL	NA	NA	--
Hardness, Total	3.8	NA	NA	NA	4.1	NA	NA	NA	5.5	NA	NA	NA	11.7	NA	NA	NA	9.6	NA	NA	NA	8.4	NA	NA	NA	7.89	NA	NA	NA	9.69	NA	NA	--
Nitrate as N	1.02	NA	NA	NA	1.54	NA	NA	NA	1.94	NA	NA	NA	2.23	NA	NA	NA	2.54	NA	NA	NA	2.68	NA	NA	NA	2.70	NA	NA	NA	3.22	NA	NA	10
Total Phosphorus as P	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Sodium, Total	2.85	NA	NA	NA	2.85	NA	NA	NA	3.72	NA	NA	NA	4.59	NA	NA	NA	4.68	NA	NA	NA	4.66	NA	NA	NA	4.82	NA	NA	NA	7.42	NA	NA	20
Total Kjeldahl as N	0.11	NA	NA	NA	BDL	NA	NA	NA	0.11	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	--
Ammonia as N	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	2
Sulfate	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	7.1	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	11.5	NA	NA	250
Chloride	BDL	NA	NA	NA	BDL	NA	NA	NA	5.0	NA	NA	NA	BDL	NA	NA	NA	7.5	NA	NA	NA	BDL	NA	NA	NA	5.0	NA	NA	NA	13.0	NA	NA	250
Total Dissolved Solids	43	NA	NA	NA	35.0	NA	NA	NA	23.0	NA	NA	NA	50	NA	NA	NA	52	NA	NA	NA	13	NA	NA	NA	58	NA	NA	NA	34	NA	NA	--
Total Suspended Solids	BDL	NA	NA	NA	2.5	NA	NA	NA	11.0	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	2.0	NA	NA	--
Aluminum, Total	0.074	NA	NA	NA	0.061	NA	NA	NA	0.082	NA	NA	NA	0.02	NA	NA	NA	0.026	NA	NA	NA	0.027	NA	NA	NA	0.013	NA	NA	NA	0.007	NA	NA	--
Iron, Total	0.002	NA	NA	NA	0.017	NA	NA	NA	0.039	NA	NA	NA	0.012	NA	NA	NA	0.095	NA	NA	NA	0.004	NA	NA	NA	0.033	NA	NA	NA	BDL	NA	NA	0.3
Manganese, Total	0.001	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	NA	0.002	NA	NA	0.3
Nickel, Total	0.001	NA	NA	NA	BDL	NA	NA	NA	0.004	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	0.1
Chromium, Total	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 29
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-13B

BP-13B	DATE SAMPLED																																NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/19/00	9/26/00	1/18/01	4/5/01	6/18/01	10/4/01	12/6/01	3/28/02	6/27/02	10/4/02	12/19/02	3/27/03	7/2/03	10/14/03	1/12/04	3/25/04	6/17/04	9/29/04	12/16/04	4/7/05	6/23/05	9/23/05	12/28/05	3/24/06	6/20/06	9/20/06	12/27/06	4/3/07	6/25/07	9/20/07	1/4/08		9/8/08	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	Not Sampled 5th Qtr. Well	BDL	5
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	LA	LA	LA		3.3 B	5
t-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA		NA	--
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	7
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	5
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,1,1 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,1,2 Trichloroethane	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	1
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL		BDL	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	3
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	10
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
Total VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		3.3	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																																	
1,2-Dichlorobenzene	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	3
2,4-Dinitrotoluene	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	5
Bis(2-Ethylhexyl) Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	5
Fluorene	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	50
Naphthalene	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	--
INORGANIC PARAMETERS (mg/l)																																	
ph	5.03	NA	NA	NA	5.01	NA	NA	NA	5.17	NA	NA	NA	7.14	NA	NA	NA	4.87	NA	NA	NA	5.48	NA	NA	NA	5.06	NA	NA	NA	5.00	NA	NA		NA	--
Specific Conductance	81.8	NA	NA	NA	78.0	NA	NA	NA	88	NA	NA	NA	80.5	NA	NA	NA	87	NA	NA	NA	85.3	NA	NA	NA	108	NA	NA	NA	82.2	NA	NA		NA	--
Alkalinity as Calcium Carbonate	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	5.0	NA	NA		NA	--
B.O.D.	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA		NA	--
Chemical Oxygen Demand	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Hardness, Total	14.9	NA	NA	NA	12.6	NA	NA	NA	15.8	NA	NA	NA	20.8	NA	NA	NA	14.9	NA	NA	NA	15.4	NA	NA	NA	20.2	NA	NA	NA	20.5	NA	NA		NA	--
Nitrate as N	4.15	NA	NA	NA	4.15	NA	NA	NA	4.14	NA	NA	NA	3.92	NA	NA	NA	4.31	NA	NA	NA	4.35	NA	NA	NA	5.53	NA	NA	NA	1.09	NA	NA		NA	10
Total Phosphorus as P	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Sodium, Total	6.30	NA	NA	NA	6.19	NA	NA	NA	7.15	NA	NA	NA	7.61	NA	NA	NA	7.43	NA	NA	NA	7.80	NA	NA	NA	9.22	NA	NA	NA	11.80	NA	NA		2.50	20
Total Kjeldahl as N	0.24	NA	NA	NA	0.1	NA	NA	NA	BDL	NA	NA	NA	0.23	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.51	NA	NA	NA	BDL	NA	NA		NA	--
Ammonia as N	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	2
Sulfate	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	4.3	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	23.1	NA	NA		NA	250
Chloride	10.0	NA	NA	NA	8.0	NA	NA	NA	12.5	NA	NA	NA	5	NA	NA	NA	12.5	NA	NA	NA	5.0	NA	NA	NA	13.0	NA	NA	NA	20.0	NA	NA		NA	250
Total Dissolved Solids	92	NA	NA	NA	77.0	NA	NA	NA	65.0	NA	NA	NA	72	NA	NA	NA	73	NA	NA	NA	66	NA	NA	NA	75	NA	NA	NA	72	NA	NA		NA	--
Total Suspended Solids	BDL	NA	NA	NA	5.0	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	1.5	NA	NA		NA	--
Aluminum, Total	BDL	NA	NA	NA	0.065	NA	NA	NA	BDL	NA	NA	NA	0.017	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.005	NA	NA	NA	0.004	NA	NA		0.014	--
Iron, Total	0.106	NA	NA	NA	0.04	NA	NA	NA	0.018	NA	NA	NA	0.01	NA	NA	NA	0.009	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		0.011	0.3
Manganese, Total	0.011	NA	NA	NA	0.007	NA	NA	NA	0.006	NA	NA	NA	0.005	NA	NA	NA	0.005	NA	NA	NA	0.005	NA	NA	NA	0.007	NA	NA	NA	0.005	NA	NA		0.008	0.3
Nickel, Total	BDL	NA	NA	NA	0.002	NA	NA	NA	0.002	NA	NA	NA	0.001	NA	NA	NA	0.002	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA		BDL	0.1
Chromium, Total	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA		BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specifed for termination of remedial systen
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 30
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-13C

BP-13C	DATE SAMPLED																																	NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/19/00	9/26/00	1/18/01	4/5/01	6/18/01	10/4/01	12/6/01	3/28/02	6/27/02	10/4/02	12/19/02	3/27/03	7/2/03	10/14/03	1/12/04	3/25/04	6/17/04	9/29/04	12/16/04	4/6/05	6/23/05	9/23/05	12/27/05	3/24/06	6/20/06	11/2/06	12/27/06	4/3/07	6/22/07	9/20/07	1/7/08		9/8/08	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	LA	LA	LA	Not Sampled 5th Qtr. Well	4.3 B	5
t -1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA		NA	--
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	7
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,1,1 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,1,2 Trichloroethane	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	1
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL		BDL	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	3
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	10
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	--
Total VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		4.3	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																																	
1,2-Dichlorobenzene	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	3
2,4-Dinitrotoluene	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	5
Bis(2-Ethylhexyl) Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	5
Fluorene	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	50
Naphthalene	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	N A	N A	N A	N A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	--
INORGANIC PARAMETERS (ug/l)																																	
ph	5.64	NA	NA	NA	4.99	NA	NA	NA	4.52	NA	NA	NA	4.95	NA	NA	NA	4.23	NA	NA	NA	5.03	NA	NA	NA	4.55	NA	NA	NA	5.31	NA	NA		NA	--
Specific Conductance	30.0	NA	NA	NA	27.0	NA	NA	NA	27	NA	NA	NA	24.2	NA	NA	NA	29	NA	NA	NA	28.8	NA	NA	NA	30	NA	NA	NA	25.4	NA	NA		NA	--
Alkalinity as Calcium Carbonate	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	7.0	NA	NA		NA	--
B.O.D.	1.0	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA		NA	--
Chemical Oxygen Demand	40.6	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Hardness, Total	1.9	NA	NA	NA	1.6	NA	NA	NA	1.6	NA	NA	NA	4.5	NA	NA	NA	2.4	NA	NA	NA	1.3	NA	NA	NA	2.05	NA	NA	NA	1.98	NA	NA		NA	--
Nitrate as N	BDL	NA	NA	NA	0.1	NA	NA	NA	1.7	NA	NA	NA	0.21	NA	NA	NA	0.26	NA	NA	NA	0.29	NA	NA	NA	0.28	NA	NA	NA	BDL	NA	NA		NA	10
Total Phosphorus as P	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Sodium, Total	1.91	NA	NA	NA	1.86	NA	NA	NA	2.57	NA	NA	NA	2.54	NA	NA	NA	2.43	NA	NA	NA	2.32	NA	NA	NA	2.28	NA	NA	NA	4.53	NA	NA		0.541	20
Total Kjeldahl as N	0.16	NA	NA	NA	BDL	NA	NA	NA	0.11	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Ammonia as N	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.054	NA	NA		NA	2
Sulfate	6.4	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	8.2	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	5.8	NA	NA	NA	6.91	NA	NA		NA	250
Chloride	5.0	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	5	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	10.0	NA	NA		NA	250
Total Dissolved Solids	47	NA	NA	NA	22.0	NA	NA	NA	20	NA	NA	NA	38	NA	NA	NA	29	NA	NA	NA	20	NA	NA	NA	24	NA	NA	NA	6	NA	NA		NA	--
Total Suspended Solids	1.0	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	2.0	NA	NA	NA	3.0	NA	NA		NA	--
Aluminum, Total	0.045	NA	NA	NA	0.073	NA	NA	NA	0.015	NA	NA	NA	0.069	NA	NA	NA	0.069	NA	NA	NA	0.070	NA	NA	NA	0.058	NA	NA	NA	0.056	NA	NA		0.070	--
Iron, Total	**1.39**	NA	NA	NA	0.206	NA	NA	NA	0.077	NA	NA	NA	0.092	NA	NA	NA	0.047	NA	NA	NA	0.022	NA	NA	NA	0.021	NA	NA	NA	0.023	NA	NA		0.025	0.3
Manganese, Total	0.006	NA	NA	NA	0.003	NA	NA	NA	0.003	NA	NA	NA	0.003	NA	NA	NA	0.003	NA	NA	NA	0.003	NA	NA	NA	0.003	NA	NA	NA	0.004	NA	NA		BDL	0.3
Nickel, Total	BDL	NA	NA	NA	0.001	NA	NA	NA	0.004	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.002	NA	NA		BDL	0.1
Chromium, Total	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.001	NA	NA		BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 31
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-14B

BP-14B	DATE SAMPLED																														NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	4/11/02	8/8/02	10/30/02	12/16/02	3/25/03	7/1/03	10/9/03	1/14/04	3/24/04	6/22/04	9/24/04	12/17/04	4/6/05	6/24/05	9/21/05	12/21/05	3/22/06	6/23/06	9/22/06	1/10/07	3/29/07	6/29/07	9/21/07	1/8/08	3/7/08	10/3/08	3/16/09	9/4/09	3/19/10	8/30/10	3/4/11	
Vinyl Chloride	**9.2**	**8.7**	**10.5**	**8.3**	**8.6**	**13.6**	BDL	BDL	BDL	**17.7**	BDL	**15.8**	**14.5**	**8.6**	**14.1**	**25.4**	**8.6**	BDL	**11.0**	BDL	**7.2**	**11.0**	**7.6**	**6.6**	**5.0**	**2.9**	**2.2**	NA	**2.8**	1.4	BDL	2
1,1-Dichloroethene	**25**	**36.4**	**36.7**	**39.8**	**28.4**	**52.6**	**33.1**	**36.0**	**29.3**	**26.3**	**20.5**	**31.7**	**26.8**	**20.0**	**36.4**	**56.0**	**16.1**	**13.8**	**21.0**	**16.0**	**14.0**	BDL	**8.8**	**9.2**	**6.1**	4.3	3.2	NA	2.6	1.0	BDL	5
1,1-Dichloroethane	**5.1**	**5.1**	4.8	**5.6**	**5.8**	3.9	4.9	**5.1**	BDL	4.2	3.0	**5.4**	4.5	3.8	5.0	**8.9**	3.3	3.8	BDL	BDL	2.8	**11.0**	2.8	BDL	2.0	1.3	1.2	NA	1.3	BDL	BDL	5
Methylene Chloride	BDL	BDL	3.4	BDL	BDL	BDL	1.5	1.7	BDL	BDL	BDL	1.5	1.4	1.1	1.9	2.9	1.0	BDL	BDL	NA	LA	LA	LA	LA	2.4 B	**5.3 B**	**8.6 B**	NA	0.8 B	**12.0 B**	4.9 B	5
t -1,2-Dichloroethene	BDL	1.5	1.6	4	1.8	**22.3**	**13.3**	2	BDL	BDL	1.4	3.2	3.1	1.9	1.0	1.5	0.6	2.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	5
c-1,2-Dichloroethene	**244**	**264.0**	**262.0**	**319.0**	**280.0**	**308.0**	**254.0**	**307.0**	**281.0**	**223.0**	**135.0**	**252.0**	**207.0**	**181.0**	**229.0**	**376.0**	**132.0**	**129.9**	**230.0**	**160.0**	**180.0**	**140.0**	**130.0**	**160.0**	**100.0**	**74.0**	**65.0**	NA	**34.0**	**19.0**	**5.4**	5
1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	18.8	BDL	BDL	35.6	BDL	BDL	36.7	34.0	43.2	BDL	NA	NA	NA	NA	14.0	15.0	13.0	BDL	NA	NA	NA	NA	NA	NA	NA	--
Benzene	**83.7**	**87.5**	**78.9**	**91.2**	**222.0**	BDL	BDL	**247.0**	**266.0**	**214.0**	**147.0**	**290.0**	**284.0**	**268.0**	**310.0**	**671.0**	BDL	**201.8**	**450.0**	**320.0**	**280.0**	**340.0**	**300.0**	**290.0**	**190.0**	**150.0**	**110.0**	NA	**79.0**	**42.0**	**9.8**	1
Toluene	BDL	BDL	BDL	BDL	BDL	**36.3**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	7
Tetrachloroethene	**375**	**733.0**	**1090.0**	**761.0**	**1012.0**	**705.0**	**623.0**	**688.0**	**435.0**	**478.0**	**746.0**	**631.0**	**526.0**	**413.0**	**259.0**	**697.0**	**243.0**	**276.1**	**350.0**	**290.0**	**310.0**	**230.0**	**210.0**	**270.0**	**260.0**	**140.0**	**120.0**	NA	**59.0**	**32.0**	**15**	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	**23.6**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.0	3.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	**12.4**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	**16.4**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	5
o-Xylene	4.3	**5.3**	**5.3**	**6.5**	**15.1**	**26.0**	**14.5**	**22.4**	**23.7**	**22.7**	**19.5**	**22.5**	BDL	**12.0**	**13.9**	**33.4**	**13.2**	**9.1**	**23.0**	**16.0**	**11.0**	**9.7**	**8.3**	**7.2**	**5.9**	3.6	2.8	NA	2.7	BDL	BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	1.5	1.7	1.4	1.6	BDL	1.8	BDL	1.3	0.9	BDL	BDL	3.4	BDL	1.1	3.3	2.2	1.8	2.5	2.6	2.9	2.6	1.8	1.1	NA	1.5	BDL	BDL	5
n-Propylbenzene	NA	NA	NA	NA	BDL	1.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.3	BDL	1.0	2.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	5
Trichlorofluoromethane	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	5
1,1,1 Trichloroethane	**50.6**	**63.6**	**74.5**	**77.9**	**58.4**	BDL	**40.7**	**60.6**	**47.9**	**44.4**	**29.0**	**46.8**	**38.4**	**30.9**	**29.4**	**59.8**	**20.9**	**19.1**	**16.0**	**26.0**	BDL	**14.0**	**13.0**	**14.0**	**9.7**	**6.6**	4.3	NA	3.0	1.5	BDL	5
1,1,2 Trichloroethane	BDL	**9.2**	BDL	BDL	**4.6**	BDL	BDL	BDL	BDL	**5.5**	BDL	BDL	**5.0**	**1.5**	BDL	BDL	**3.1**	BDL	BDL	BDL	**3.4**	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	1
1,2-Dichloroethane	BDL	**12.9**	BDL	**16.7**	**24.3**	**25.4**	BDL	**32.1**	**32.8**	BDL	BDL	BDL	NA	NA	NA	NA	**24.8**	BDL	**22.0**	**18.0**	NA	NA	NA	NA	**7.2**	**5.7**	**3.0**	NA	**3.3**	**0.7 J**	BDL	0.6
1,2 Dibromoethane	**15.4**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**1.0**	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	**3.9**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	**6.0**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	3
Trichloroethene	**40.8**	**49.3**	**50.4**	**57.2**	**55.5**	**73.0**	**51.8**	**59.5**	**54.8**	**47.6**	**48.6**	**50.1**	**44.5**	**34.3**	**43.8**	**73.7**	**33.2**	**29.9**	**38.0**	**44.0**	**31.0**	**23.0**	**12.0**	**27.0**	**27.0**	**17.0**	**12.0**	NA	**8.0**	3.0	1.4	5
1,3,5-Trimethylbenzene	NA	NA	NA	NA	BDL	1.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**7.1**	4.7	BDL	**6.6**	**6.6**	**5.2**	3.5	BDL	BDL	NA	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	1.4	1.3	BDL	1.9	3.6	4.6	BDL	BDL	BDL	BDL	3.0	4.5	4.2	BDL	2.9	**9.9**	BDL	3.9	BDL	BDL	BDL	BDL	BDL	BDL	**5.1**	BDL	BDL	NA	1.6	BDL	BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	30.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	5.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	17.0	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	NA	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	10
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	**9.2**	**9.2**	BDL	**6.4**	BDL	BDL	3.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	5
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	1.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.9	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.5	3.6	BDL	4.9	BDL	4.8	BDL	BDL	BDL	NA	BDL	BDL	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	1.1	BDL	BDL	BDL	NA	BDL	BDL	BDL	--
Total VOCs	**854.5**	**1277.8**	**1618.1**	**1389.1**	**1721.6**	**1373.9**	**1057.0**	**1463.0**	**1170.5**	**1120.8**	**1162.2**	**1366.7**	**1198.3**	**1017.5**	**993.9**	**2021.7**	**503.3**	**690.8**	**1176.9**	**900.5**	**869.8**	**814.0**	**714.7**	**798.0**	**626.5**	**412.5**	**333.4**	0.0	**199.6**	**112.6**	36.5	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																																
1,2-Dichlorobenzene	BDL	NA	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	BDL	3
2,4-Dinitrotoluene	BDL	NA	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Bis(2-Ethylhexyl) Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.2	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Fluorene	BDL	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Naphthalene	BDL	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)																																
ph	5.03	NA	5.14	NA	NA	5.13	NA	NA	NA	5.09	NA	NA	NA	5.75	NA	NA	NA	5.08	NA	NA	NA	5.19	NA	NA	NA	NA	5.26	NA	6.02	5.29	6.02	--
Specific Conductance	81.8	NA	114	NA	NA	103	NA	NA	NA	147	NA	NA	NA	167	NA	NA	NA	188	NA	NA	NA	185	NA	NA	NA	NA	286	NA	406	433	503	--
Alkalinity as Calcium Carbonate	BDL	NA	9.0	NA	NA	9	NA	NA	NA	13	NA	NA	NA	11	NA	NA	NA	9	NA	NA	NA	20	NA	NA	NA	NA	11.1	NA	9.09	7.07	11.1	--
B.O.D.	BDL	NA	2.4	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	4.0	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	BDL	BDL	NA	--
Chemical Oxygen Demand	BDL	NA	BDL	NA	NA	BDL	NA	NA	NA	28.6	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	NA	BDL	BDL	BDL	--
Hardness, Total	14.9	NA	24.3	NA	NA	33.6	NA	NA	NA	37	NA	NA	NA	41	NA	NA	NA	44.6	NA	NA	NA	52.5	NA	NA	NA	NA	NA	NA	67.7	70.8	80.9	--
Nitrate as N	4.15	NA	1.93	NA	NA	1.83	NA	NA	NA	1.77	NA	NA	NA	1.84	NA	NA	NA	1.57	NA	NA	NA	0.335	NA	NA	NA	NA	2.14	NA	2.33	2.3	1.75	10
Total Phosphorus as P	BDL	NA	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	NA	BDL	BDL	0.764	--
Sodium, Total	6.30	NA	8.62	NA	NA	10.8	NA	NA	NA	11.3	NA	NA	NA	12.2	NA	NA	NA	13.5	NA	NA	NA	**20.5**	NA	NA	NA	15.2	15.5	15.2	15.1	15.2	**22.1**	20
Total Kjeldahl as N	0.24	NA	0.17	NA	NA	0.1	NA	NA	NA	BDL	NA	NA	NA	0.17	NA	NA	NA	0.18	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	NA	BDL	0.374	1.8	--
Ammonia as N	BDL	NA	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	NA	BDL	BDL	BDL	2
Sulfate	BDL	NA	11.1	NA	NA	13	NA	NA	NA	16.9	NA	NA	NA	20.5	NA	NA	NA	20.8	NA	NA	NA	15.4	NA	NA	NA	NA	15.6	NA	23	21.1	12.3	250
Chloride	10.0	NA	15.0	NA	NA	27.5	NA	NA	NA	22.5	NA	NA	NA	23.0	NA	NA	NA	25.0	NA	NA	NA	45.0	NA	NA	NA	NA	76.0	NA	97.5	107	117	250
Total Dissolved Solids	92	NA	67.0	NA	NA	93	NA	NA	NA	106	NA	NA	NA	91	NA	NA	NA	127	NA	NA	NA	158	NA	NA	NA	NA	196.0	NA	232	256	285	--
Total Suspended Solids	BDL	NA	2.0	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	1.0	NA	NA	NA	NA	2.0	NA	2	BDL	BDL	--
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							BDL	0.025
Aluminum, Total	BDL	NA	0.380	NA	NA	0.008	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.009	NA	NA	NA	0.008	NA	NA	NA	0.0148	0.033	0.0148	0.044	0.0141	0.02	--
Iron, Total	0.106	NA	0.044	NA	NA	0.019	NA	NA	NA	0.018	NA	NA	NA	BDL	NA	NA	NA	0.004	NA	NA	NA	BDL	NA	NA	NA	0.0234	0.053	0.0234	0.184	0.020	0.023	0.3
Manganese, Total	0.011	NA	0.008	NA	NA	0.008	NA	NA	NA	0.012	NA	NA	NA	0.011	NA	NA	NA	0.016	NA	NA	NA	0.020	NA	NA	NA	0.0249	0.028	0.0249	0.028	0.0306	0.037	0.3
Nickel, Total	BDL	NA	0.003	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	NA	0.001	NA	NA	NA	BDL	NA	NA	NA	0.002	NA	NA	NA	BDL	BDL	BDL	0.00813	BDL	0.005 J	0.1
Chromium, Total	BDL	NA	0.001	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	BDL	BDL	0.014	BDL	BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 32
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-14C

BP-14C	DATE SAMPLED																											NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	4/11/02	8/8/02	10/3/02	12/16/02	3/25/03	7/1/03	10/9/03	1/14/04	3/24/04	6/22/04	9/24/04	12/17/04	4/6/05	6/24/05	9/21/05	12/21/05	3/22/06	6/23/06	9/22/06	1/10/07	3/29/07	6/29/07	9/21/07	1/8/08	3/7/08	10/3/08	3/4/11	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Methylene Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	LA	LA	LA	NA	LA	**8.1 B**	4.9 B	5
t -1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
c-1,2-Dichloroethene	BDL	BDL	BDL	1.6	2.6	3.4	2.7	1.6	3.8	4.7	2.9	**5.9**	3.9	3.1	2.9	BDL	4.3	2.3	**6.6**	**7.4**	4.8	**8.2**	**9.4**	NA	4.8	**9.4**	1.1	5
1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	--
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**1.4**	1.0	NA	BDL	BDL	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	7
Tetrachloroethene	BDL	BDL	4.6	2.6	BDL	BDL	2.6	BDL	BDL	BDL	BDL	**5.9**	3.4	3.5	1.8	BDL	**5.2**	2.2	2.8	4.8	2.4	3.6	**5.4**	NA	2.4	**6.4**	3	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
n-Propylbenzene	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	**8.9**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Trichlorofluoromethane	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,1 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.0	0.8	BDL	1.3	BDL	1.0	BDL	BDL	BDL	BDL	BDL	1.3	BDL	**9.7**	BDL	BDL	5
1,1,2 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.9	BDL	BDL	BDL	BDL	1.0	1.8	NA	BDL	0.66 J	BDL	5
1,3,5-Trimethylbenzene	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	NA	BDL	BDL	BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	NA	BDL	BDL	BDL	--
Total VOCs	0.0	0.0	4.6	4.2	2.6	12.3	5.3	1.6	3.8	4.7	2.9	12.8	8.1	6.6	6.8	0.0	11.4	4.5	9.4	12.2	7.2	14.2	18.9	0	16.9	24.6	9.0	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																												
1,2-Dichlorobenzene	NA	BDL	NA	NA	BDL	BDL	NA	BDL	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	3
2,4-Dinitrotoluene	NA	BDL	NA	NA	BDL	NA	NA	BDL	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	5
Bis(2-Ethylhexyl) Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.9	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	5
Fluorene	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50
Naphthalene	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)																												
ph	NA	5.05	NA	NA	NA	5.01	NA	NA	NA	4.94	NA	NA	NA	5.64	NA	NA	NA	5.11	NA	NA	NA	5.15	NA	NA	NA	NA	6.29	--
Specific Conductance	NA	50.0	NA	NA	NA	44	NA	NA	NA	60	NA	NA	NA	63	NA	NA	NA	64	NA	NA	NA	53.5	NA	NA	NA	NA	91.2	--
Alkalinity as Calcium Carbonate	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	5	NA	NA	NA	NA	6.06	--
B.O.D.	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	4.0	NA	NA	NA	BDL	NA	NA	NA	NA	NA	--
Chemical Oxygen Demand	NA	7.7	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	--
Hardness, Total	NA	BDL	NA	NA	NA	19.2	NA	NA	NA	11.1	NA	NA	NA	11.6	NA	NA	NA	10.9	NA	NA	NA	11.4	NA	NA	NA	NA	19.7	--
Nitrate as N	NA	2.34	NA	NA	NA	2.55	NA	NA	NA	2.59	NA	NA	NA	2.72	NA	NA	NA	2.78	NA	NA	NA	0.572	NA	NA	NA	NA	2.6	10
Total Phosphorus as P	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	--
Sodium, Total	NA	4.62	NA	NA	NA	5.43	NA	NA	NA	5.5	NA	NA	NA	5.7	NA	NA	NA	5.56	NA	NA	NA	7.86	NA	NA	NA	4.37	3.53	20
Total Kjeldahl as N	NA	0.17	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.13	NA	NA	NA	BDL	NA	NA	NA	NA	2.42	--
Ammonia as N	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	2
Sulfate	NA	5.5	NA	NA	NA	7.1	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	3.0	NA	NA	NA	NA	BDL	250
Chloride	NA	5.0	NA	NA	NA	BDL	NA	NA	NA	7.5	NA	NA	NA	7.5	NA	NA	NA	5.0	NA	NA	NA	10.0	NA	NA	NA	NA	15.5	250
Total Dissolved Solids	NA	31.0	NA	NA	NA	49	NA	NA	NA	52	NA	NA	NA	52	NA	NA	NA	84	NA	NA	NA	56	NA	NA	NA	NA	57	--
Total Suspended Solids	NA	1.0	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	1.0	NA	NA	NA	NA	BDL	--
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	0.025
Aluminum, Total	NA	0.014	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	0.008	NA	NA	NA	0.005	NA	NA	NA	0.014	0.015 J	--
Iron, Total	NA	0.013	NA	NA	NA	0.004	NA	NA	NA	0.004	NA	NA	NA	BDL	NA	NA	NA	0.010	NA	NA	NA	BDL	NA	NA	NA	0.014	0.02	0.3
Manganese, Total	NA	0.002	NA	NA	NA	0.002	NA	NA	NA	0.002	NA	NA	NA	BDL	NA	NA	NA	0.003	NA	NA	NA	0.002	NA	NA	NA	0.004	0.015 J	0.3
Nickel, Total	NA	0.003	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	BDL	0.1
Chromium, Total	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
J: Estimated Value
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 33
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-15B

BP-15B	DATE SAMPLED																	NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	10/28/05	12/23/05	3/30/06	6/26/06	9/21/06	12/21/06	4/6/07	6/18/07	9/24/07	12/17/07	3/11/08	9/29/08	3/10/09	9/4/09	3/18/10	8/31/10	3/7/11	
Vinyl Chloride	**8.8**	**15.9**	**14.9**	**10.2**	**20.0**	**17.0**	**19.0**	**46.0**	**22.0**	**29.0**	**21.0**	**27.0**	**31.0**	**43.0**	**42.0**	**47.0**	**20**	2
1,1-Dichloroethene	**11.4**	**14.1**	**10.1**	**6.4**	**16.0**	**9.9**	**8.2**	**7.9**	**6.7**	**9.7**	**7.0**	**8.3**	4.9	4.8	4.7	3.6	1.1	5
1,1-Dichloroethane	**28.4**	**38.0**	**31.3**	**19.9**	**52.0**	**35.0**	2.8	**35.0**	**31.0**	**36.0**	**31.0**	**31.0**	**27.0**	**36.0**	**31.0**	**32.0**	**14**	5
Methylene Chloride	5.0	**12.5**	**8.6**	**5.7**	BDL	NA	LA	LA	BDL	LA	**9.7 B**	**29.0 B**	**13.0 B**	**13.0 B**	**6.9 B**	**18.0 B**	**7.2 B**	5
t -1,2-Dichloroethene	0.7	BDL	1.5	1.6	BDL	1.8	BDL	BDL	1.3	1.4	1.3	BDL	1.2	1.7	1.8	1.4	0.67 J	5
c-1,2-Dichloroethene	**40.7**	**75.8**	**61.1**	**33.1**	**97.0**	BDL	**76.0**	**110.0**	**100.0**	**92.0**	**83.0**	**96.0**	**100.0**	**150.0**	**150.0**	**180.0**	**71**	5
1,2-Dichloroethane	**1.6**	**2.1**	NA	NA	NA	NA	BDL	BDL	**1.9**	BDL	BDL	BDL	NA	NA	NA	NA	BDL	0.6
Benzene	**1.7**	**3.4**	**4.5**	BDL	**4.8**	**5.1**	**4.8**	**7.1**	**6.2**	**6.5**	**6.1**	**6.0**	**6.4**	**8.8**	**8.2**	**8.9**	**3.7**	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloroform	0.7	0.5	0.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.0	0.81 J	BDL	BDL	7
Tetrachloroethene	**7.5**	**17.4**	**28.2**	**24.3**	**34.0**	**39.0**	**40.0**	**39.0**	**33.0**	**50.0**	**40.0**	**40.0**	**43.0**	**30.0**	**35.0**	**30.0**	**11**	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	0.3	0.7	BDL	BDL	1.4	BDL	BDL	1.8	2.3	2.1	2.3	BDL	3.0	3.8	**5.2**	**5.2**	3.7	5
Isopropylbenzene	BDL	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.59	0.7	1.7	BDL	0.56 J	5
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Dichlorodifluoromethane	**10.0**	**13.7**	**13.8**	BDL	**25.0**	BDL	**23.0**	**76.0**	**19.0**	**25.0**	BDL	BDL	**33.0**	BDL	BDL	**39.0**	15	5
Trichlorofluoromethane	3.2	BDL	3.3	2.4	BDL	3.3	3.0	BDL	BDL	BDL	2.8	BDL	2.4	2.6	4.4	2.2	1.1	5
1,1,1 Trichloroethane	**22.1**	**22.6**	**21.4**	**7.9**	**18.0**	**22.0**	**16.0**	BDL	**17.0**	**22.0**	**17.0**	**14.0**	**12.0**	**9.0**	**8.4**	**6.7**	1.9	5
1,1,2 Trichloroethane	BDL	BDL	BDL	**10.9**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
1,2-Dichloroethane	NA	NA	**2.0**	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	**1.6**	**2.5**	**2.2**	**1.1**	**0.86 J**	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	1.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Trichloroethene	**10.5**	**16.4**	**16.6**	**19.6**	**21.0**	**17.0**	**14.0**	**17.0**	**16.0**	**20.0**	**16.0**	**16.0**	**14.0**	**13.0**	**14.0**	**14.0**	**5.5**	5
1,3,5-Trimethylbenzene	BDL	BDL	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10
Carbon Tetrachloride	BDL	BDL	3.5	BDL	BDL	**97.0**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloromethane	1.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
p-Ethyltoluene	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	3.1	3.8	3.2	4.2	3.3	BDL	BDL	BDL	4.6	2.7	1.6	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	7.4	9.1	7.9	15.0	BDL	BDL	BDL	BDL	BDL	7.4	2.6	--
Total VOCs	**154.4**	**233.7**	**230.3**	**142.0**	**289.2**	**248.7**	**217.3**	**352.7**	**267.5**	**312.9**	**240.5**	**267.3**	**293.1**	**319.9**	**320.9**	**399.2**	**161.5**	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)																		
1,2-Dichlorobenzene	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	BDL	3
2,4-Dinitrotoluene	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Bis(2-Ethylhexyl) Phthalate	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	5
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)																		
ph	4.74	NA	NA	4.96	NA	NA	NA	4.95	NA	NA	NA	NA	NA	5.29	6.18	4.94	5.44	--
Specific Conductance	192	NA	NA	216	NA	NA	NA	205	NA	NA	NA	NA	NA	306	340	358	401	--
Alkalinity as Calcium Carbonate	7	NA	NA	5	NA	NA	NA	17	NA	NA	NA	NA	NA	10	8	7.070	9.09	--
B.O.D.	3.4	NA	NA	2.6	NA	NA	NA	BDL	NA	NA	NA	NA	NA	BDL	BDL	BDL	5.8	--
Chemical Oxygen Demand	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	--
Hardness, Total	9.4	NA	NA	40.2	NA	NA	NA	51.7	NA	NA	NA	NA	NA	BDL	62	63	71.6	--
Nitrate as N	0.79	NA	NA	0.87	NA	NA	NA	0.964	NA	NA	NA	NA	NA	0.83	0.96	0.817	0.6	10
Total Phosphorus as P	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	--
Sodium, Total	4.76	NA	NA	18.1	NA	NA	NA	**25.6**	NA	NA	NA	**20.40**	NA	8.74	12.50	**23**	16.1	20
Total Kjeldahl as N	0.15	NA	NA	0.23	NA	NA	NA	BDL	NA	NA	NA	NA	NA	0.20	0.22	0.636	1.79	--
Ammonia as N	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	2
Sulfate	BDL	NA	NA	5.9	NA	NA	NA	49.2	NA	NA	NA	NA	NA	3.86	2.99	BDL	BDL	250
Chloride	45.0	NA	NA	53.0	NA	NA	NA	70.0	NA	NA	NA	NA	NA	88	93	95	105	250
Total Dissolved Solids	90	NA	NA	120	NA	NA	NA	144	NA	NA	NA	NA	NA	186	216	265	266	--
Total Suspended Solids	BDL	NA	NA	BDL	NA	NA	NA	1	NA	NA	NA	NA	NA	1.00	BDL	BDL	BDL	--
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	0.025
Aluminum, Total	0.047	NA	NA	0.026	NA	NA	NA	0.022	NA	NA	NA	0.023	NA	0.404	0.134	0.025	0.03	--
Iron, Total	0.088	NA	NA	0.205	NA	NA	NA	0.017	NA	NA	NA	0.013	NA	0.107	**0.301**	0.022	0.03	0.3
Manganese, Total	0.024	NA	NA	0.014	NA	NA	NA	0.016	NA	NA	NA	0.019	NA	0.025	0.028	0.027	0.03	0.3
Nickel, Total	0.007	NA	NA	BDL	NA	NA	NA	0.004	NA	NA	NA	BDL	NA	0.013	0.008	0.006	0.01 J	0.1
Chromium, Total	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA	NA	BDL	NA	BDL	0.009	BDL	BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
J: Estimated Value
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 34
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER BP-15C

BP-15C	DATE SAMPLED													NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	10/28/05	12/23/05	3/30/06	6/26/06	9/21/06	12/21/06	4/11/07	6/18/07	9/24/07	12/12/07		9/30/08	3/24/11	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
Methylene Chloride	BDL	BDL	BDL	BDL	BDL	NA	LA	LA	BDL	BDL	Not Sampled 5th Qtr. Well	4.6 B	**6.8 BC**	5
t -1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	1.4	5
1,2-Dichloroethane	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	BDL	0.6
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	7
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	0.76 JC	5
Trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
1,1,1 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
1,1,2 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	1
1,2-Dichloroethane	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA		NA	BDL	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	3
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
1,3,5-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	NA	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	10
Carbon Tetrachloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
Chloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	5
p-Ethyltoluene	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	BDL	--
Total VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		4.6	9.0	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)														
1,2-Dichlorobenzene	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	BDL	3
2,4-Dinitrotoluene	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	NA	5
Bis(2-Ethylhexyl) Phthalate	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	NA	5
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	--
INORGANIC PARAMETERS (mg/l)														
ph	4.69	NA	NA	4.91	NA	NA	NA	5.55	NA	NA		NA	5.21 H	--
Specific Conductance	52	NA	NA	54	NA	NA	NA	40.1	NA	NA		NA	95.1	--
Alkalinity as Calcium Carbonate	BDL	NA	NA	BDL	NA	NA	NA	32.0	NA	NA		NA	8.08	--
B.O.D.	BDL	NA	NA	4.4	NA	NA	NA	BDL	NA	NA		NA	BDL	--
Chemical Oxygen Demand	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	BDL	--
Hardness, Total	36.9	NA	NA	9.3	NA	NA	NA	7.98	NA	NA		NA	15.8	--
Nitrate as N	0.7	NA	NA	0.87	NA	NA	NA	0.861	NA	NA		NA	0.633	10
Total Phosphorus as P	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	5.68	--
Sodium, Total	17.4	NA	NA	4.78	NA	NA	NA	7.10	NA	NA		5.51	5.47	20
Total Kjeldahl as N	BDL	NA	NA	0.11	NA	NA	NA	BDL	NA	NA		NA	0.676	--
Ammonia as N	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	BDL	2
Sulfate	BDL	NA	NA	5.7	NA	NA	NA	4.17	NA	NA		NA	BDL	250
Chloride	5	NA	NA	5.0	NA	NA	NA	15.0	NA	NA		NA	20.5	250
Total Dissolved Solids	37	NA	NA	36	NA	NA	NA	20	NA	NA		NA	45	--
Total Suspended Solids	BDL	NA	NA	BDL	NA	NA	NA	0.5	NA	NA		NA	BDL	--
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	BDL	0.025
Aluminum, Total	0.037	NA	NA	0.038	NA	NA	NA	0.027	NA	NA		0.033	0.053	--
Iron, Total	0.026	NA	NA	0.035	NA	NA	NA	0.009	NA	NA		0.017	0.036	0.3
Manganese, Total	0.005	NA	NA	0.003	NA	NA	NA	0.002	NA	NA		BDL	0.005 J	0.3
Nickel, Total	0.002	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		BDL	0.005 J	0.1
Chromium, Total	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		BDL	BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
B: Detected in associated method blank
C: Calibration % RSD/% D exceeded for non-CCC analytes
H: Holding times for preperation or analysis exceeded
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 35
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER U-6A

U-6A										NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/8/99	6/13/00	6/18/01	7/2/02	7/28/03		6/22/05	6/22/06	6/27/07	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
Methylene Chloride	NA	NA	NA	BDL	BDL		BDL	BDL	LA	5
t -1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	Equipment Failure No Sample	BDL	BDL	BDL	5
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
1,2-Dichloroethene	NA	NA	NA	BDL	BDL		BDL	NA	BDL	--
Benzene	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	7
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
n-Propylbenzene	NA	NA	NA	NA	BDL		BDL	BDL	BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	NA		NA	NA	NA	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
Trichlorofluoromethane	NA	NA	NA	NA	BDL		BDL	BDL	BDL	5
1,1,1 Trichloroethane	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
1,1,2 Trichloroethane	NA	NA	NA	BDL	BDL		BDL	BDL	BDL	1
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL		NA	BDL	NA	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	3
Trichloroethene	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	NA	NA	NA	NA	BDL		BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	10
Carbon Tetrachloride	NA	NA	NA	NA	NA		BDL	BDL	BDL	5
Chloromethane	NA	NA	NA	NA	NA		BDL	BDL	BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA		NA	NA	BDL	--
p-Ethyltoluene	NA	NA	NA	NA	NA		NA	NA	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA		NA	NA	BDL	5
Total VOCs	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)										
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	3
2,4-Dinitrotoluene	BDL	BDL	NA	BDL	BDL		BDL	BDL	BDL	5
Bis(2-Ethylhexyl) Phthalate	NA	NA	NA	NA	NA		BDL	BDL	BDL	5
Fluorene	BDL	BDL	NA	BDL	NA		NA	NA	NA	50
Naphthalene	BDL	BDL	BDL	BDL	NA		NA	NA	NA	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)										
ph	5.58	6.80	5.82	6.49	6.49		6.12	6.39	6.12	--
Specific Conductance	450	451	843	449	449		623	415	422	--
Alkalinity as Calcium Carbonate	10	49.8	14	17	17.0		110	33	46	--
B.O.D.	BDL	BDL	BDL	3.8	3.8		5.0	BDL	3.4	--
Chemical Oxygen Demand	BDL	BDL	BDL	BDL	BDL		38.0	BDL	BDL	--
Hardness, Total	64.3	28.0	38.4	48.5	48.5		72.6	58	38.3	--
Nitrate as N	2.72	BDL	3.57	3.12	3.12		BDL	1.06	0.252	10
Total Phosphorus as P	BDL	BDL	BDL	0.12	0.12		BDL	BDL	BDL	--
Sodium, Total	NA	**65.1**	**127**	**59.1**	**59.1**		**69.2**	**53.2**	**43.2**	20
Total Kjeldahl as N	NA	BDL	0.11	1.61	1.61		0.86	0.57	0.169	--
Ammonia as N	NA	BDL	BDL	BDL	BDL		0.66	0.39	0.461	2
Sulfate	5.41	63.7	34.7	17.4	17.4		BDL	13.7	5.3	250
Chloride	120	55.0	205	100	100		135	93	100	250
Total Dissolved Solids	242	255	481	276	276		304	217	244	--
Total Suspended Solids	14.5	1.0	21.0	124	124		98.0	133	1.29	--
Aluminum, Total	BDL	BDL	0.191	0.191	0.191		0.181	1.34	0.42	--
Iron, Total	**0.906**	0.027	**1.33**	**7.14**	**7.14**		**66.6**	**7.500**	**46.70**	0.3
Manganese, Total	0.060	0.002	0.124	**0.319**	**0.319**		**0.687**	**0.476**	**0.482**	0.3
Nickel, Total	0.017	0.001	0.007	0.009	0.009		0.010	0.009	0.015	0.1
Chromium, Total	0.002	0.003	0.001	0.006	0.006		0.009	0.003	0.004	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 36
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER OBV-1B

OBV-1B	DATE SAMPLED												NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	9/19/05	12/22/05	3/29/06	6/21/06	9/26/06	12/29/06	4/5/07	6/25/07	9/25/07	12/13/07		9/30/08	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,1-Dichloroethane	1.0	0.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Methylene Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	Not Sampled 5th Qtr. Well	**6.80 B**	5
t -1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	0.6
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	7
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,1,1 Trichloroethane	1.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,1,2 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	1
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	3
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,3,5-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	10
Carbon Tetrachloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
p-Ethyltoluene	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	--
Total VOCs	2.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		6.8	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)													
1,2-Dichlorobenzene	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	3
2,4-Dinitrotoluene	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	5
Bis(2-Ethylhexyl) Phthalate	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	5
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	--
INORGANIC PARAMETERS (mg/l)													
ph	5.17	NA	NA	4.99	NA	NA	NA	5.32	NA	NA		NA	--
Specific Conductance	152	NA	NA	162	NA	NA	NA	133	NA	NA		NA	--
Alkalinity as Calcium Carbonate	7	NA	NA	BDL	NA	NA	NA	10	NA	NA		NA	--
B.O.D.	10	NA	NA	NA	NA	NA	NA	BDL	NA	NA		NA	--
Chemical Oxygen Demand	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Hardness, Total	35.7	NA	NA	38.4	NA	NA	NA	40.3	NA	NA		NA	--
Nitrate as N	2.31	NA	NA	3.30	NA	NA	NA	BDL	NA	NA		NA	10
Total Phosphorus as P	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Sodium, Total	10.9	NA	NA	11.6	NA	NA	NA	14.3	NA	NA		6.44	20
Total Kjeldahl as N	BDL	NA	NA	0.21	NA	NA	NA	BDL	NA	NA		NA	--
Ammonia as N	BDL	NA	NA	BDL	NA	NA	NA	0.066	NA	NA		NA	2
Sulfate	24.3	NA	NA	18.3	NA	NA	NA	21.8	NA	NA		NA	250
Chloride	10	NA	NA	23.0	NA	NA	NA	30.0	NA	NA		NA	250
Total Dissolved Solids	109	NA	NA	102	NA	NA	NA	90	NA	NA		NA	--
Total Suspended Solids	2	NA	NA	1.0	NA	NA	NA	1.5	NA	NA		NA	--
Aluminum, Total	0.17	NA	NA	0.042	NA	NA	NA	0.045	NA	NA		0.049	--
Iron, Total	**0.388**	NA	NA	**0.492**	NA	NA	NA	0.059	NA	NA		0.058	0.3
Manganese, Total	0.073	NA	NA	0.062	NA	NA	NA	0.043	NA	NA		0.028	0.3
Nickel, Total	0.005	NA	NA	0.001	NA	NA	NA	0.001	NA	NA		BDL	0.1
Chromium, Total	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 37
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER OBV-1C

OBV-1C	DATE SAMPLED												NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	9/19/05	12/22/05	3/29/06	6/21/06	9/26/06	12/29/06	4/5/07	6/25/07	9/25/07	12/13/07		9/11/08	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	2
1,1-Dichloroethene	3.4	4.6	2.2	1.9	BDL	**6.5**	BDL	1.9	1.9	2.4		1.4	5
1,1-Dichloroethane	**6.9**	**5.7**	**5.8**	**5.4**	**6.4**	**14.0**	BDL	**6.0**	4.7	**6.6**		4.7	5
Methylene Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	LA	BDL	BDL	Not Sampled 5th Qtr. Well	4.5 B	5
t -1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		1.9	5
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,2-Dichloroethane	BDL	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	0.6
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chloroform	BDL	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	7
Tetrachloroethene	BDL	2.1	2.3	BDL	BDL	BDL	BDL	1.2	1.1	2.5		BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,1,1 Trichloroethane	4.8	**5.8**	4.5	3.3	**7.0**	**11.0**	BDL	4.1	4.8	4.7		4.4	5
1,1,2 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	5.4	BDL	BDL	BDL		BDL	1
1,2-Dichloroethane	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NA		NA	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	3
Trichloroethene	3.4	3.6	3.4	3.3	BDL	BDL	BDL	2.9	2.6	1.9		2.2	5
1,3,5-Trimethylbenzene	BDL	BDL	4.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	5.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	4.3	BDL	BDL	BDL		BDL	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	10
Carbon Tetrachloride	BDL	BDL	0.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
Chloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	5
p-Ethyltoluene	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL		BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL		BDL	--
Total VOCs	18.5	22.4	28.5	13.9	13.4	31.5	9.7	16.1	15.1	18.1		19.1	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)													
1,2-Dichlorobenzene	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	3
2,4-Dinitrotoluene	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	5
Bis(2-Ethylhexyl) Phthalate	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	5
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	--
INORGANIC PARAMETERS (mg/l)													
ph	5.21	NA	NA	5.05	NA	NA	NA	5.10	NA	NA		NA	--
Specific Conductance	140	NA	NA	151	NA	NA	NA	128	NA	NA		NA	--
Alkalinity as Calcium Carbonate	5	NA	NA	BDL	NA	NA	NA	17	NA	NA		NA	--
B.O.D.	3.6	NA	NA	NA	NA	NA	NA	BDL	NA	NA		NA	--
Chemical Oxygen Demand	BDL	NA	NA	38.0	NA	NA	NA	BDL	NA	NA		NA	--
Hardness, Total	27.2	NA	NA	27.6	NA	NA	NA	30.0	NA	NA		NA	--
Nitrate as N	8.15	NA	NA	7.64	NA	NA	NA	1.89	NA	NA		NA	10
Total Phosphorus as P	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Sodium, Total	13	NA	NA	13.6	NA	NA	NA	17.1	NA	NA		12.9	20
Total Kjeldahl as N	BDL	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		NA	--
Ammonia as N	BDL	NA	NA	BDL	NA	NA	NA	0.063	NA	NA		NA	2
Sulfate	BDL	NA	NA	BDL	NA	NA	NA	4.17	NA	NA		NA	250
Chloride	10	NA	NA	13.0	NA	NA	NA	25.0	NA	NA		NA	250
Total Dissolved Solids	110	NA	NA	112	NA	NA	NA	106	NA	NA		NA	--
Total Suspended Solids	BDL	NA	NA	1.0	NA	NA	NA	1.0	NA	NA		NA	--
Aluminum, Total	0.051	NA	NA	0.008	NA	NA	NA	0.010	NA	NA		0.072	--
Iron, Total	0.039	NA	NA	0.052	NA	NA	NA	BDL	NA	NA		0.256	0.3
Manganese, Total	0.038	NA	NA	0.016	NA	NA	NA	0.013	NA	NA		0.015	0.3
Nickel, Total	0.003	NA	NA	BDL	NA	NA	NA	BDL	NA	NA		0.008	0.1
Chromium, Total	BDL	NA	NA	BDL	NA	NA	NA	0.001	NA	NA		BDL	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
B: Detected in associated method blank
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

TABLE 38
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
OFF-SITE MONITORING WELL DATA
WELL NUMBER RB-1

RB-1	DATE SAMPLED									NYSDEC Class GA Groundwater Standards
VOLATILE ORGANICS COMPOUNDS (ug/l)	6/8/99	6/14/00	6/18/01	7/2/02	7/9/03	6/21/04	6/22/05	6/22/06	6/29/07	
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Methylene Chloride	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	LA	5
t -1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
c-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,2-Dichloroethene	NA	NA	NA	BDL	BDL	BDL	BDL	NA	BDL	--
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7
Tetrachloroethene	**5.8**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Ethyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
m,p-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
o-Xylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
n-Propylbenzene	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	5
2,2 Dichloropropane & cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	5
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Trichlorofluoromethane	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	5
1,1,1 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,1,2 Trichloroethane	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	1
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	NA	0.6
1,2 Dibromoethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0006
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
1,3,5-Trimethylbenzene	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	5
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
1,1,1-Trichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Methyl t-Butylether (MTBE)	BDL	BDL	BDL	BDL	**54.8**	BDL	BDL	BDL	BDL	10
Carbon Tetrachloride	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	5
Chloromethane	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	5
p-Ethyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	BDL	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA	BDL	5
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	BDL	--
Total VOCs	5.8	0.0	0.0	0.0	**54.8**	0.0	0.0	0.0	0.0	50
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/l)										
1,2-Dichlorobenzene	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3
2,4-Dinitrotoluene	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	5
Bis(2-Ethylhexyl) Phthalate	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	5
Fluorene	BDL	NA	NA	BDL	NA	NA	NA	NA	NA	50
Naphthalene	BDL	NA	BDL	BDL	NA	NA	NA	NA	NA	50
Total Semi-VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
INORGANIC PARAMETERS (mg/l)										
ph	5.58	6.80	6.54	6.42	LA	6.36	6.54	6.54	5.93	--
Specific Conductance	5103	451	430	365	311	334	340	308	402	--
Alkalinity as Calcium Carbonate	17	49.8	44	47	24	22	50	38	36	--
B.O.D.	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Chemical Oxygen Demand	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Hardness, Total	423	28.0	66.6	68.9	54.1	57.6	66.5	58.7	50.2	--
Nitrate as N	3.77	BDL	2.16	2.77	2.04	2.00	1.50	1.13	0.659	10
Total Phosphorus as P	BDL	BDL	BDL	BDL	BDL	0.28	BDL	BDL	BDL	--
Sodium, Total	**807**	**65.1**	**48.4**	**36.6**	**37.4**	**34.8**	**40.1**	**32.7**	**64.1**	20
Total Kjeldahl as N	0.1	BDL	0.13	0.14	0.26	0.15	BDL	0.14	BDL	--
Ammonia as N	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2
Sulfate	BDL	63.7	38.2	24.2	22.6	25.1	20.1	11.7	19.4	250
Chloride	**1574**	55.0	65	50	52.5	57.5	55	55	95	250
Total Dissolved Solids	2888	255	258	211	194	205	185	163	252	--
Total Suspended Solids	BDL	1.0	2.0	BDL	BDL	BDL	BDL	BDL	0.5	--
Aluminum, Total	BDL	BDL	0.04	0.017	0.008	BDL	BDL	BDL	0.004	--
Iron, Total	0.008	0.027	0.031	0.049	0.008	0.014	BDL	0.041	BDL	0.3
Manganese, Total	0.040	0.002	BDL	BDL	BDL	BDL	0.014	BDL	BDL	0.3
Nickel, Total	BDL	0.001	0.001	0.001	BDL	BDL	BDL	BDL	BDL	0.1
Chromium, Total	BDL	0.003	0.003	0.002	BDL	0.001	0.001	BDL	0.001	0.05

Notes:
Data obtained from NCDPW
ug/l: Micrograms per liter
mg/l: Milligrams per liter
BDL: Below detection limit
NA: Constituent not analyzed
LA: Lab accident
: Analytes and groundwater cleanup criteria specifed for termination of remedial system
: Constituent exceeds NYSDEC Class GA Groundwater Standards
--: Not established

APPENDIX B

NYSDEC LETTER ON FTC
GROUNDWATER MONITORING PROGRAM

New York State Department of Environmental Conservation

Division of Environmental Remediation

Remedial Bureau A
625 Broadway, 11th Floor
Albany, New York 12233-7015
Phone: (518) 402-9625 · **Fax:** (518) 402-9022

Website: www.dec.ny.gov

Mr. Raymond A. Ribeiro, P.E.
Commissioner
County of Nassau
Department of Public Works
1194 Prospect Avenue
Westbury, New York 11590-2723

Re: Nassau County Fireman's Training Center
Site # 130042
(T) Oyster Bay, Nassau County

Dear Commissioner Ribeiro:

The DEC and DOH have reviewed the 2005 NCFTC Annual Operations Monitoring Summary, the 2006 NCFTC Annual Operations Monitoring Summary and the response to comments on the County's request for modification to the Final Remediation Monitoring Plan, along with the cumulative monitor well data re-grouped by well.

After careful consideration of the cumulative data, the Departments believe the following changes would best serve the efficiencies required by Nassau County and the need to monitor the continuing effectiveness of the implemented remedy:

The following wells should be sampled for VOCs semi-annually, preferably in the spring and fall, for inorganics annually, and on-site wells for SVOCs only when water levels rise to the level they were prior to the December 2005 sample event:

On Site: W-32 and W-35

Off Site: BP-3C; BP-4B; BP-12B; BP-14B; and BP-15B

The following wells should be sampled for VOCs and inorganics every 5th quarter (i.e., March 2008; June 2009; September 2010), and on-site wells for SVOCs only when water levels

are high enough to potentially trigger a release:

On Site: W-4A; W-4B; W-7B; W-9A; W-14B; W-23; and W-31

Off Site: BP-3B; BP-9A; BP-9B; BP-10C; BP-13B; BP-13C; BP-14C; BP-15C; Obv-1B and Obv-1C.

The following wells can be removed from the active sampling array but should continue to be periodically inspected and maintained:

On Site: W-7A; W-7C; W-7D; W-9B; W-14A

Off Site: BP-2A; BP-2B; BP-9C; BP-10B; BP-12A; BP-12C; U6A and RB1.

The Departments recognize the value of the efforts of Nassau County to connect to the sanitary sewer so that a portion of the effluent could be diverted and plant capacity increased. The County's decision to withdraw its request for the initiation of onsite Termination Monitoring is acknowledged. Should you have any questions or concerns please address them to Ms. Cynthia Whitfield, P.E., of my staff.

Sincerely,

Joseph A. Yavonditte, P.E.
Chief
Remedial Section B

cc: R. Ockerby
W. Parish

cc: D. Miles

APPENDIX C

DETAILS OF STATISTICAL ANALYSIS

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
DETAILS OF STATISTICAL ANALYSIS
WELL FTC-W-31

Total VOCs Over Past 8 Sampling Events

Date	Total VOCs (ug/l)
3/25/10	41.6
9/5/08	0
6/27/07	0
9/25/06	17
6/14/06	912.8
6/21/05	0
6/21/04	0
6/27/03	1.2

Basic Statistical Calculations

Average (ug/l):	121.575
Median (ug/l):	0.6
Standard Deviation (ug/l):	320.0403981
Upper Limit (ug/l):	1081.696194
Lower Limit (ug/l):	-505.7041803
Slope (ug/l/yr):	-0.34508145

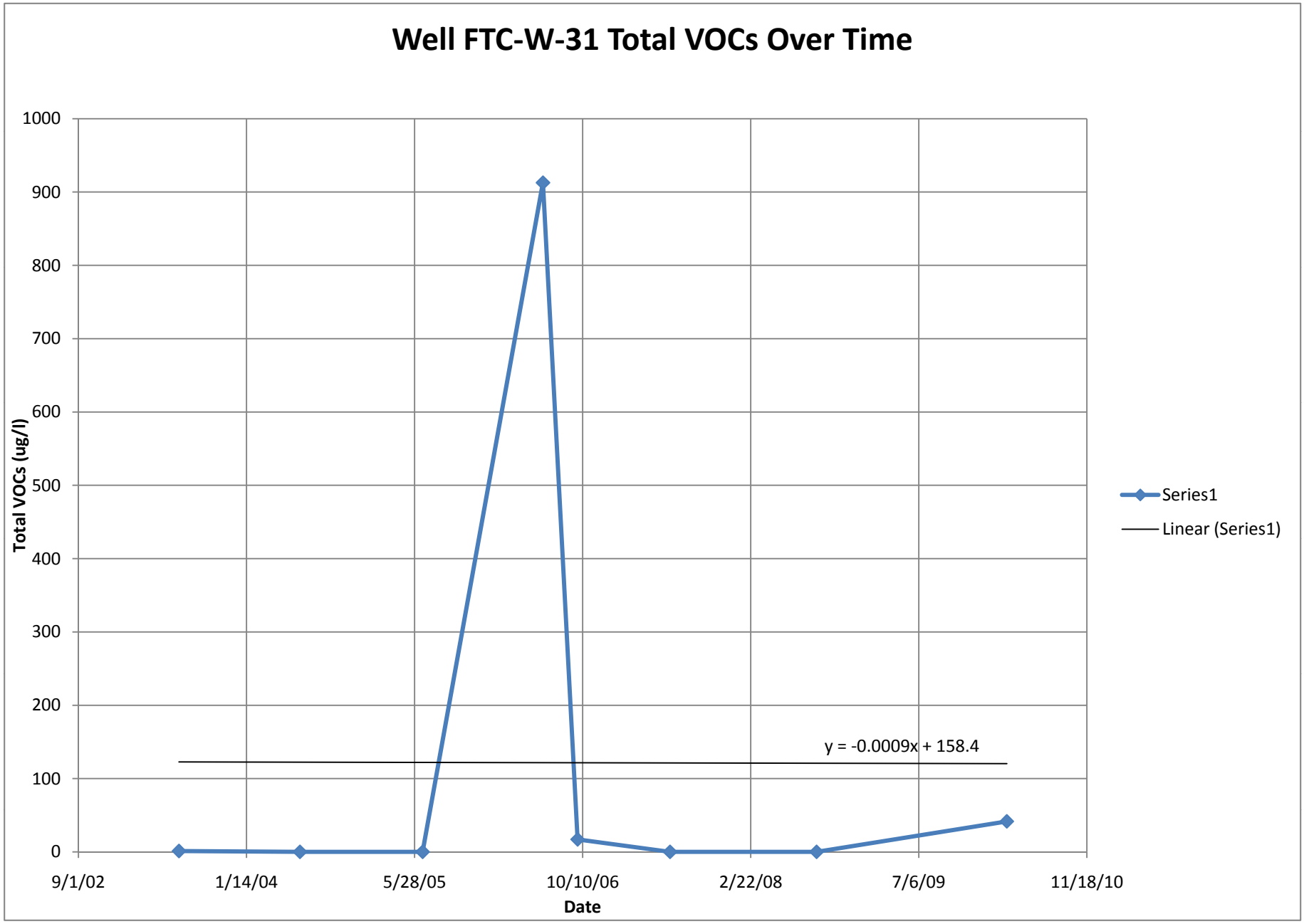
Probability Plot Statistical Calculations

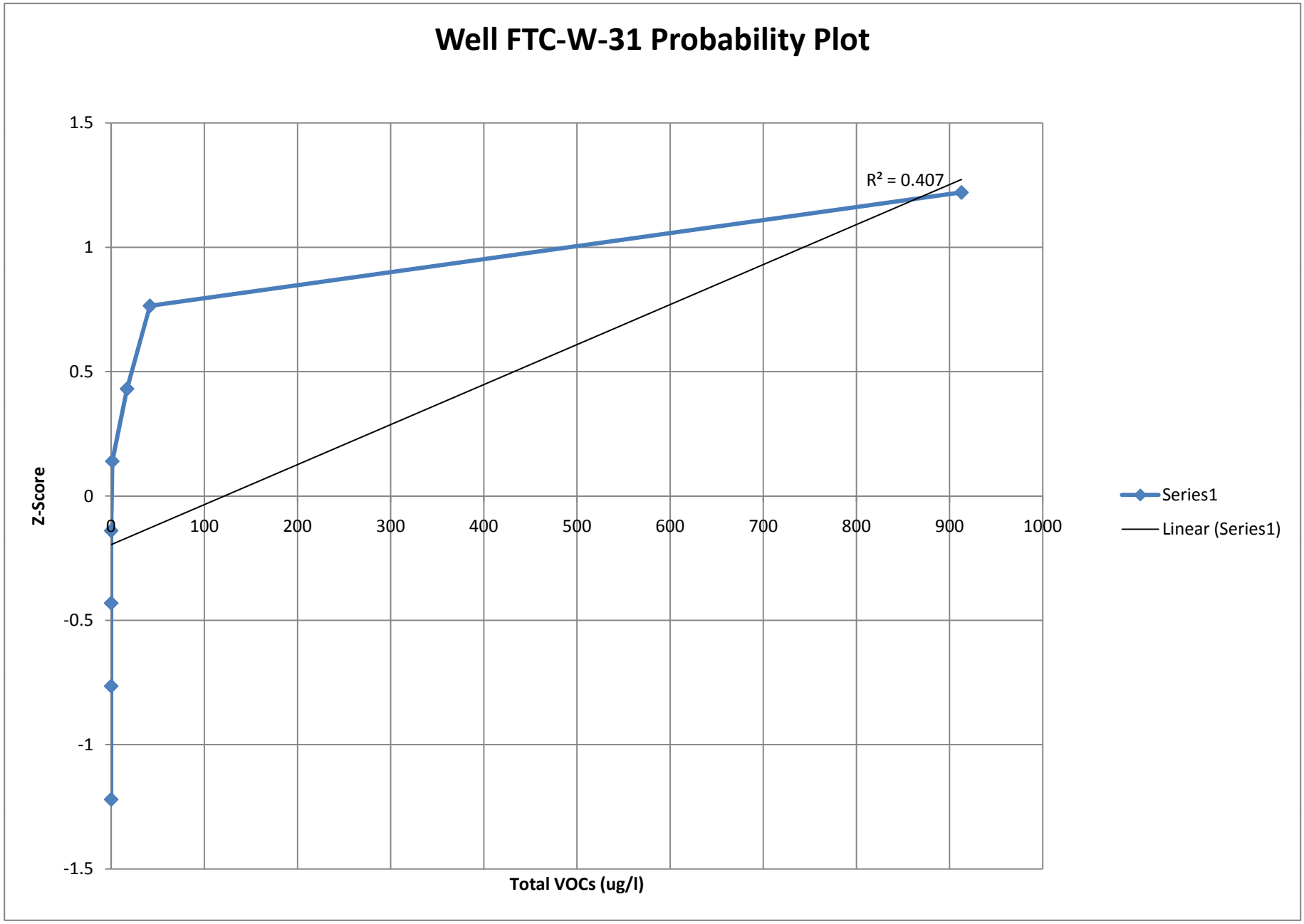
position	Date	Total VOCs (ug/l)	Cumulative Probability	z-score
1	9/5/08	0	0.111111111	-1.220640349
2	6/27/07	0	0.222222222	-0.764709674
3	6/21/05	0	0.333333333	-0.430727299
4	6/21/04	0	0.444444444	-0.139710299
5	6/27/03	1.2	0.555555556	0.139710299
6	9/25/06	17	0.666666667	0.430727299
7	3/25/10	41.6	0.777777778	0.764709674
8	6/14/06	912.8	0.888888889	1.220640349

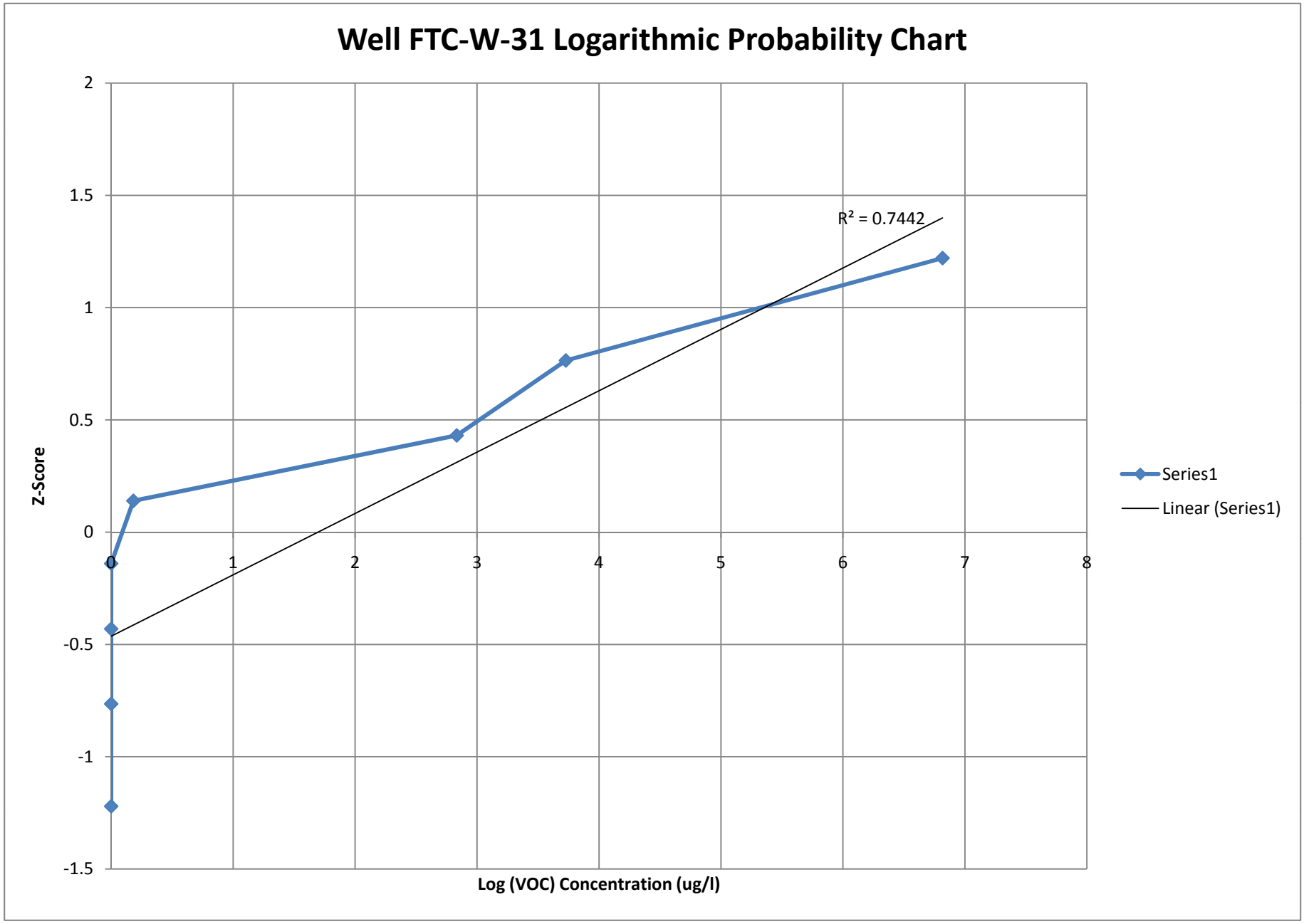
Logarithmic Probability Plot Statistical Calculations

position	Date	Total VOCs (ug/l)	Log of Concentration	Cumulative Probability	z-score
1	9/5/08	0	0	0.111111111	-1.22064
2	6/27/07	0	0	0.222222222	-0.76471
3	6/21/05	0	0	0.333333333	-0.43073
4	6/21/04	0	0	0.444444444	-0.13971
5	6/27/03	1.2	0.182321557	0.555555556	0.13971
6	9/25/06	17	2.833213344	0.666666667	0.430727
7	3/25/10	41.6	3.728100167	0.777777778	0.76471
8	6/14/06	912.8	6.816516799	0.888888889	1.22064

Notes:
: Total VOC concentration does not include methylene chloride


Well FTC-W-31 Total VOCs Over Time
1000
900
800
700
600
500
400
300
200
100
0
Total VOCs (ug/l)
9/1/02
1/14/04
5/28/05
10/10/06
2/22/08
7/6/09
11/18/10
Date
y = -0.0009x + 158.4
Series1
Linear (Series1)


Well FTC-W-31 Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
Z-Score
0
100
200
300
400
500
600
700
800
900
1000
Total VOCs (ug/l)
R² = 0.407
Series1
Linear (Series1)


Well FTC-W-31 Logarithmic Probability Chart
2
1.5
1
0.5
0
-0.5
-1
-1.5
Z-Score
0
1
2
3
4
5
6
7
8
Log (VOC) Concentration (ug/l)
R² = 0.7442
Series1
Linear (Series1)

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
DETAILS OF STATISTICAL ANALYSIS
WELL FTC-W-32

Total VOCs Over Past 8 Sampling Events

Date	Total VOCs (ug/l)
3/3/11	0.9
8/30/10	0
3/11/10	0
9/4/09	22.9
3/9/09	0
9/4/08	2.1
3/11/08	47.8
1/7/08	73.9

Basic Statistical Calculations

Average (ug/l):	18.45
Median (ug/l):	1.5
Standard Deviation (ug/l):	28.16395873
Upper Limit 9ug/l):	102.9418762
Lower Limit (ug/l):	-36.75135911
Slope (ug/l/yr):	-17.58839092

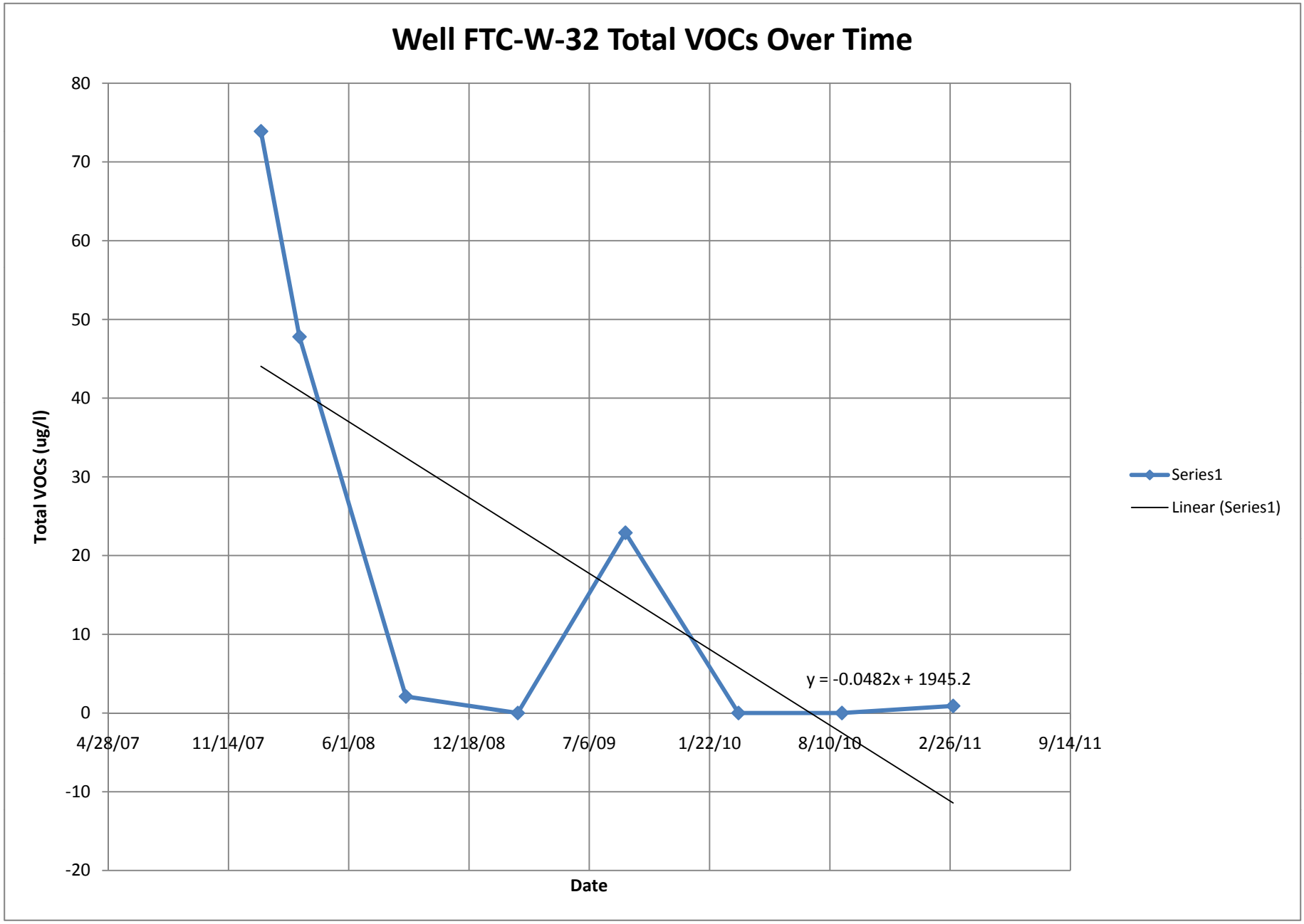
Probability Plot Statistical Calculations

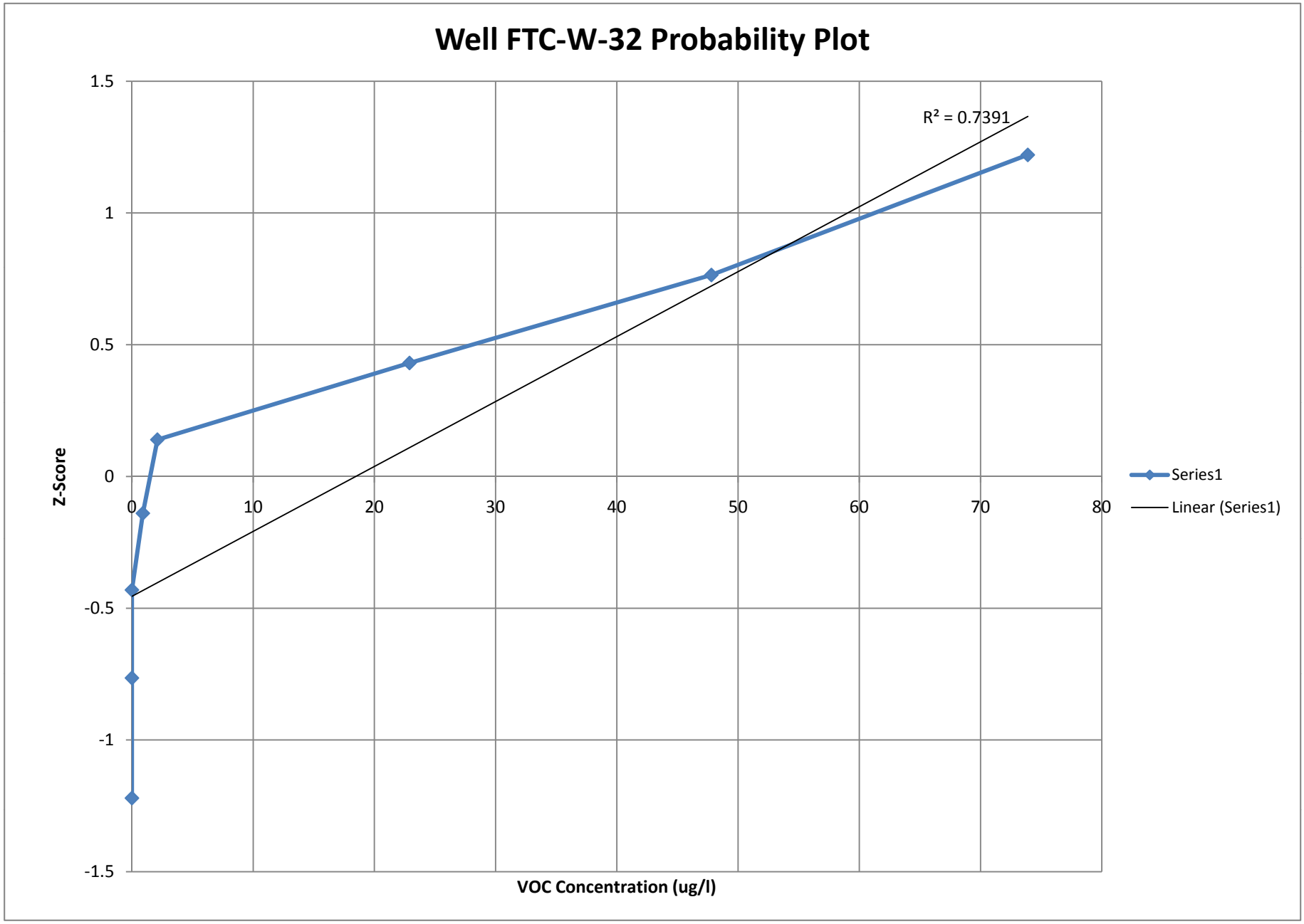
position	Date	Total VOCs (ug/l)	Cumulative Probability	z-score
1	8/30/10	0	0.111111111	-1.220640349
2	3/11/10	0	0.222222222	-0.764709674
3	3/9/09	0	0.333333333	-0.430727299
4	3/3/11	0.9	0.444444444	-0.139710299
5	9/4/08	2.1	0.555555556	0.139710299
6	9/4/09	22.9	0.666666667	0.430727299
7	3/11/08	47.8	0.777777778	0.764709674
8	1/7/08	73.9	0.888888889	1.220640349

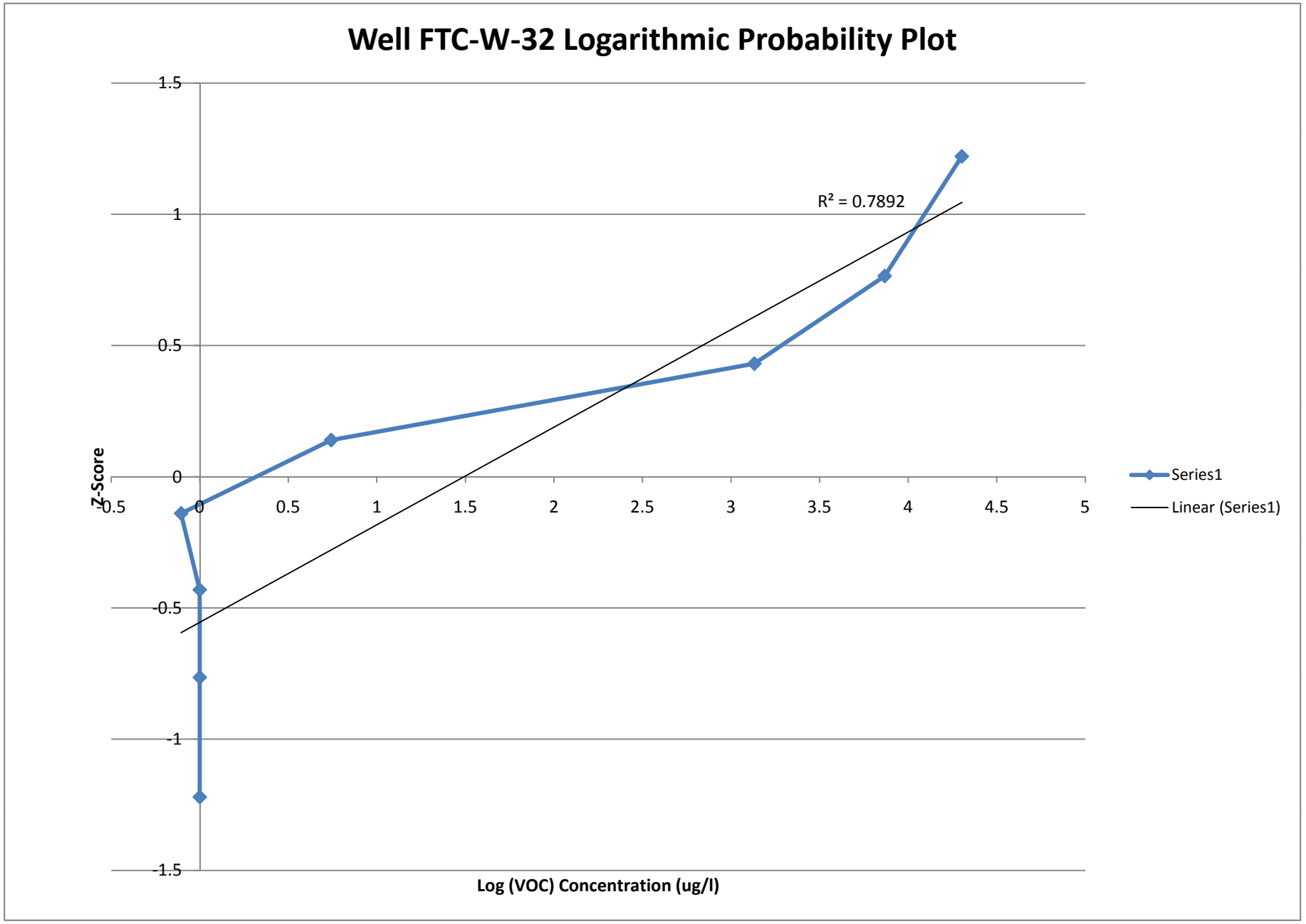
Logarithmic Probability Plot Statistical Calculations

position	Date	Total VOCs (ug/l)	Log of Concentration	Cumulative Probability	z-score
1	8/30/10	0	0	0.111111111	-1.22064
2	3/11/10	0	0	0.222222222	-0.76471
3	3/9/09	0	0	0.333333333	-0.43073
4	3/3/11	0.9	-0.105360516	0.444444444	-0.13971
5	9/4/08	2.1	0.741937345	0.555555556	0.13971
6	9/4/09	22.9	3.131136911	0.666666667	0.430727
7	3/11/08	47.8	3.867025639	0.777777778	0.76471
8	1/7/08	73.9	4.302712828	0.888888889	1.22064

Notes:
: Total VOC concentration does not include methylene chloride


Well FTC-W-32 Total VOCs Over Time
Total VOCs (ug/l)
80
70
60
50
40
30
20
10
0
-10
-20
4/28/07
11/14/07
6/1/08
12/18/08
7/6/09
1/22/10
8/10/10
2/26/11
9/14/11
Date
y = -0.0482x + 1945.2
Series1
Linear (Series1)


Well FTC-W-32 Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
Z-Score
0
10
20
30
40
50
60
70
80
VOC Concentration (ug/l)
R² = 0.7391
Series1
Linear (Series1)


Well FTC-W-32 Logarithmic Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
-0.5
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
R² = 0.7892
Z-Score
Log (VOC) Concentration (ug/l)
Series1
Linear (Series1)

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
DETAILS OF STATISTICAL ANALYSIS
WELL FTC-W-35

Total VOCs Over Past 8 Sampling Events

Date	Total VOCs (ug/l)
3/3/11	45.4
8/31/10	63.4
3/11/10	0
9/4/09	149.1
3/10/09	9.8
9/4/08	0
3/7/08	103.6
1/4/08	130.3

Basic Statistical Calculations

Average (ug/l);	62.7
Median (ug/l):	54.4
Standard Deviation (ug/l):	59.36364929
Upper Limit (ug/l):	240.7909479
Lower Limit (ug/l):	-53.65275261
Slope (ug/l/yr):	-15.21905581

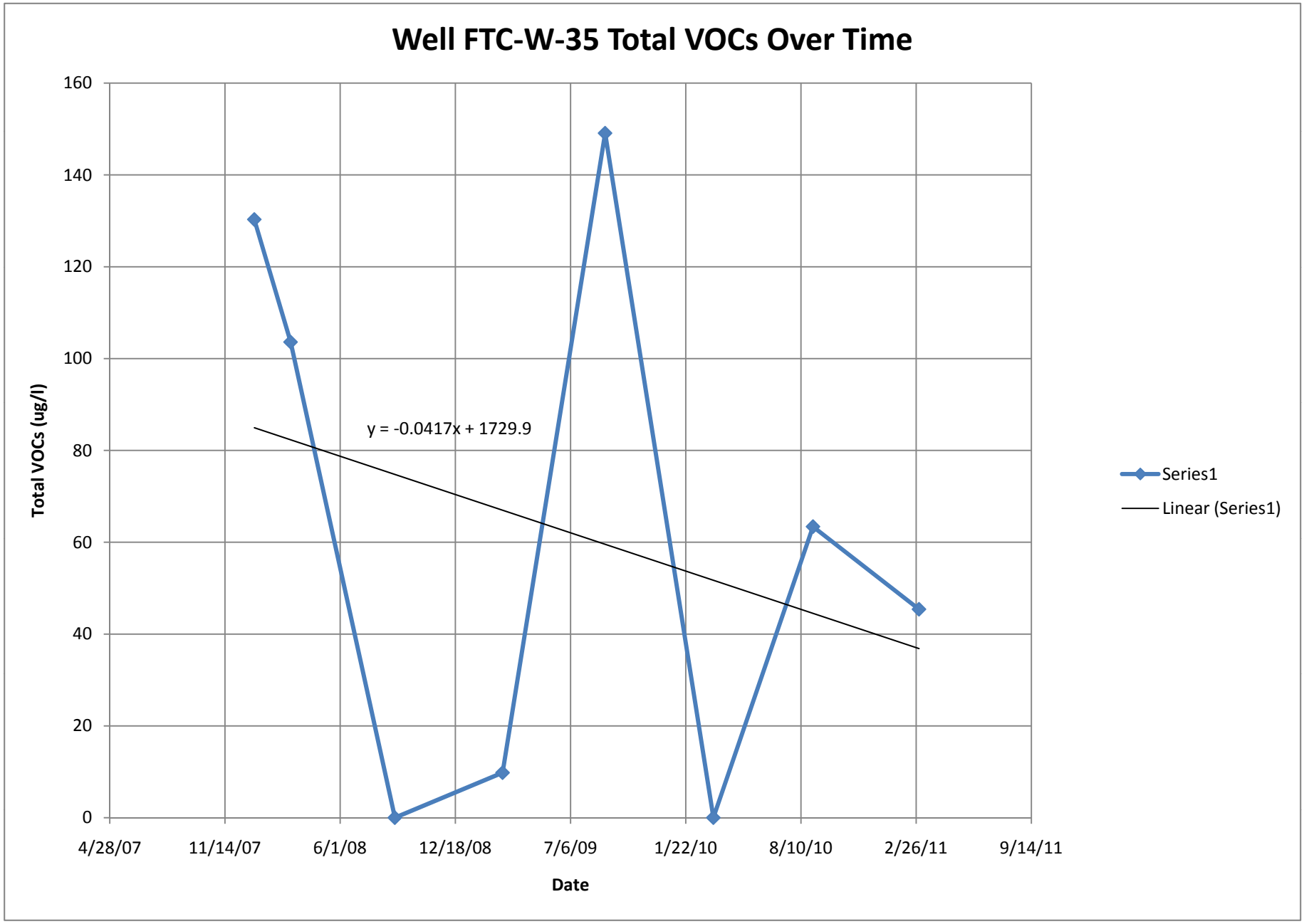
Probability Plot Statistical Calculations

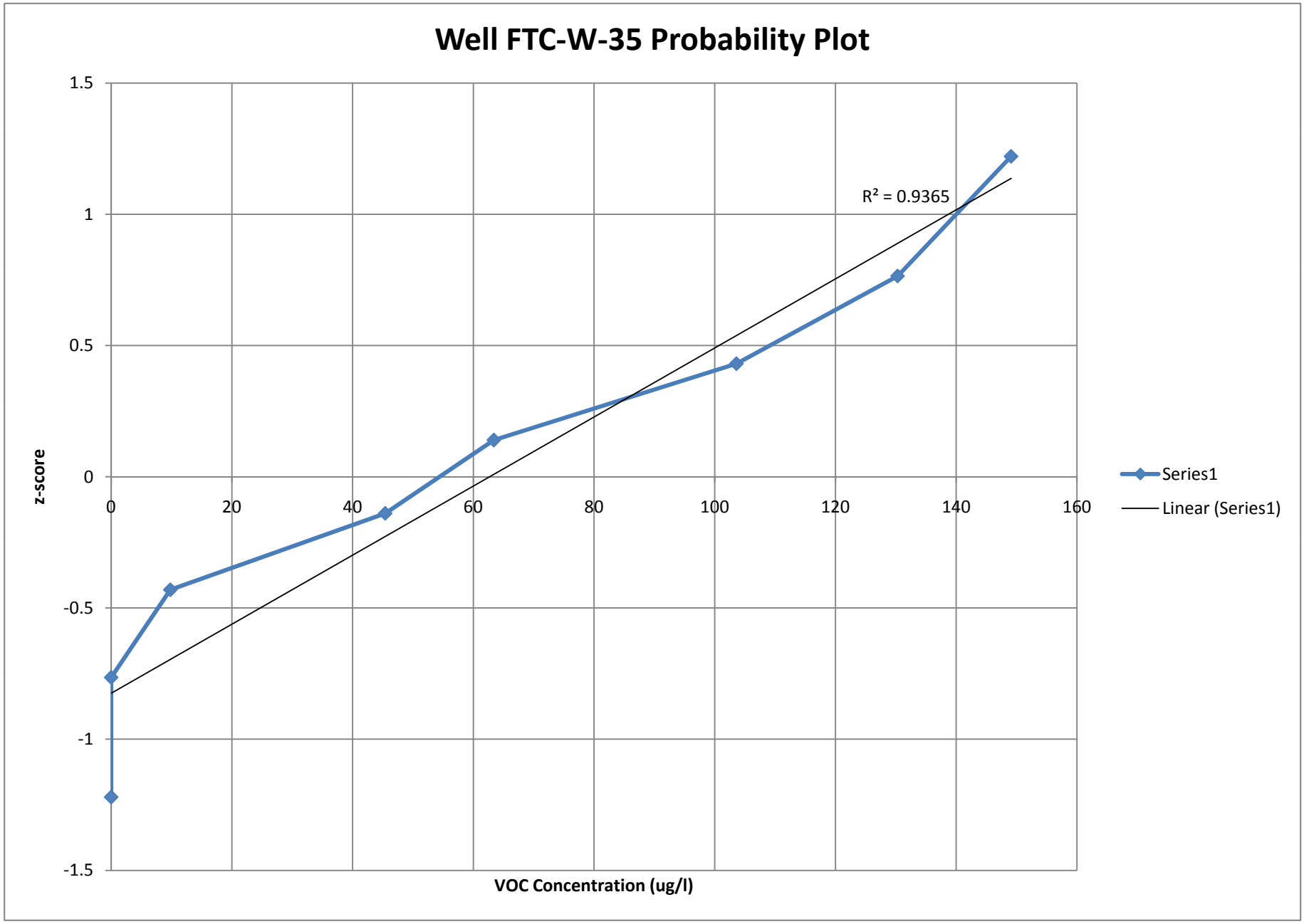
position	Date	Total VOCs (ug/l)	Cumulative Probability	z-score
1	3/11/10	0	0.111111111	-1.220640349
2	9/4/08	0	0.222222222	-0.764709674
3	3/10/09	9.8	0.333333333	-0.430727299
4	3/3/11	45.4	0.444444444	-0.139710299
5	8/31/10	63.4	0.555555556	0.139710299
6	3/7/08	103.6	0.666666667	0.430727299
7	1/4/08	130.3	0.777777778	0.764709674
8	9/4/09	149.1	0.888888889	1.220640349

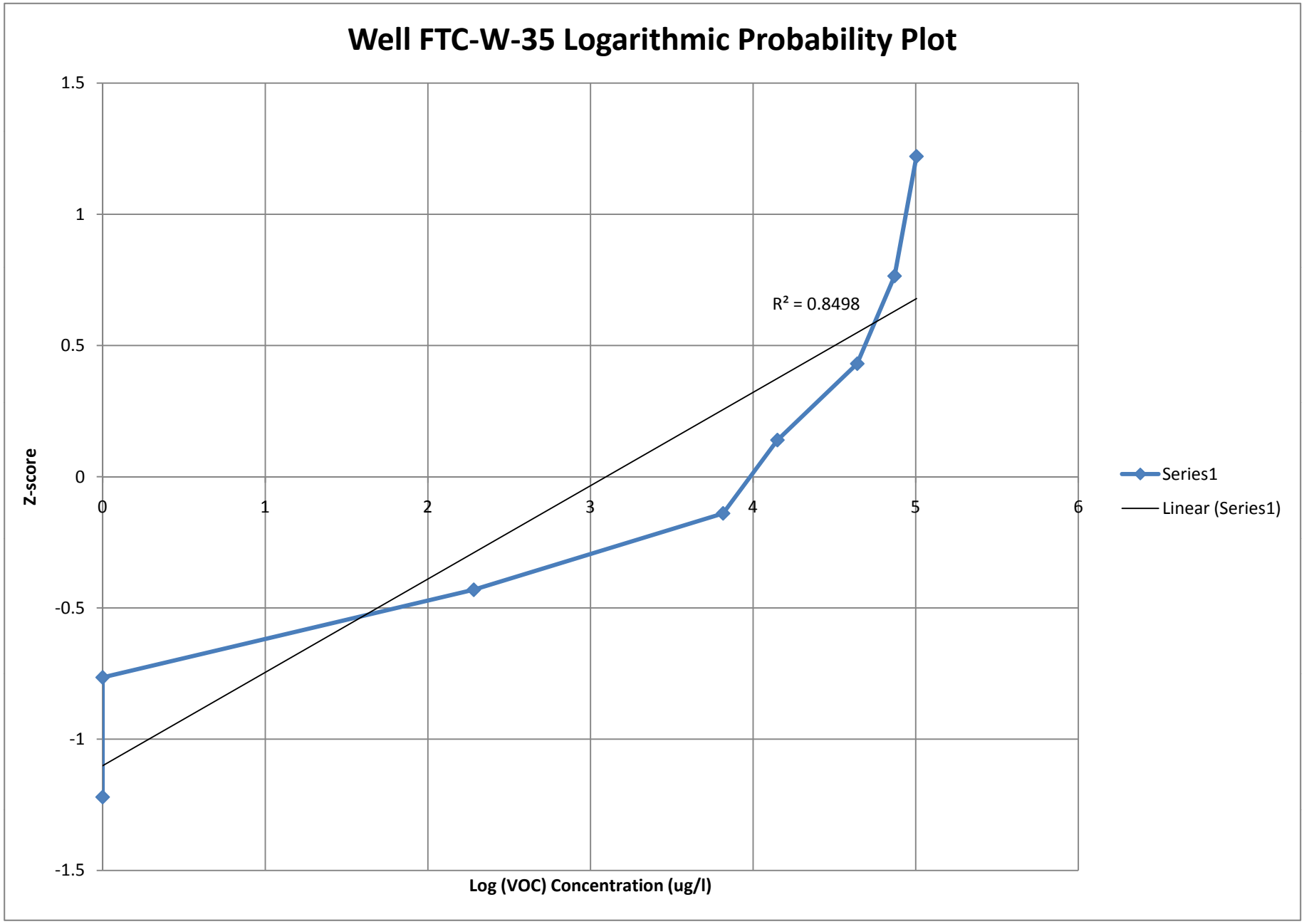
Logarithmic Probability Plot Statistical Calculations

position	Date	Total VOCs (ug/l)	Log of Concentration	Cumulative Probability	z-score
1	3/11/10	0	0	0.111111111	-1.22064
2	9/4/08	0	0	0.222222222	-0.76471
3	3/10/09	9.8	2.282382386	0.333333333	-0.43073
4	3/3/11	45.4	3.815512105	0.444444444	-0.13971
5	8/31/10	63.4	4.149463861	0.555555556	0.13971
6	3/7/08	103.6	4.64053733	0.666666667	0.430727
7	1/4/08	130.3	4.869839484	0.777777778	0.76471
8	9/4/09	149.1	5.004617222	0.888888889	1.22064

Notes:
: Total VOC concentration does not include methylene chloride


Well FTC-W-35 Total VOCs Over Time
160
140
120
100
80
60
40
20
0
Total VOCs (ug/l)
y = -0.0417x + 1729.9
4/28/07
11/14/07
6/1/08
12/18/08
7/6/09
1/22/10
8/10/10
2/26/11
9/14/11
Date
Series1
Linear (Series1)


Well FTC-W-35 Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
z-score
0
20
40
60
80
100
120
140
160
VOC Concentration (ug/l)
R² = 0.9365
Series1
Linear (Series1)


Well FTC-W-35 Logarithmic Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
Z-score
0
1
2
3
4
5
6
Log (VOC) Concentration (ug/l)
R² = 0.8498
Series1
Linear (Series1)

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
DETAILS OF STATISTICAL ANALYSIS
WELL BP-3B

Total VOCs Over Past 8 Sampling Events

Date	Total VOCs (ug/l)
3/3/11	4.1
7/15/10	13.3
4/8/10	19.8
10/22/09	18.5
4/9/09	13.6
10/10/08	21.3
4/17/08	24.3
1/10/08	26.5

Basic Statistical Calculations

Average (ug/l):	17.675
Median (ug/l):	19.15
Standard Deviation (ug/l):	7.172716162
Upper Limit (ug/l):	31.73352368
Lower Limit (ug/l):	3.616476322
Slope (ug/l/yr):	-5.484372315

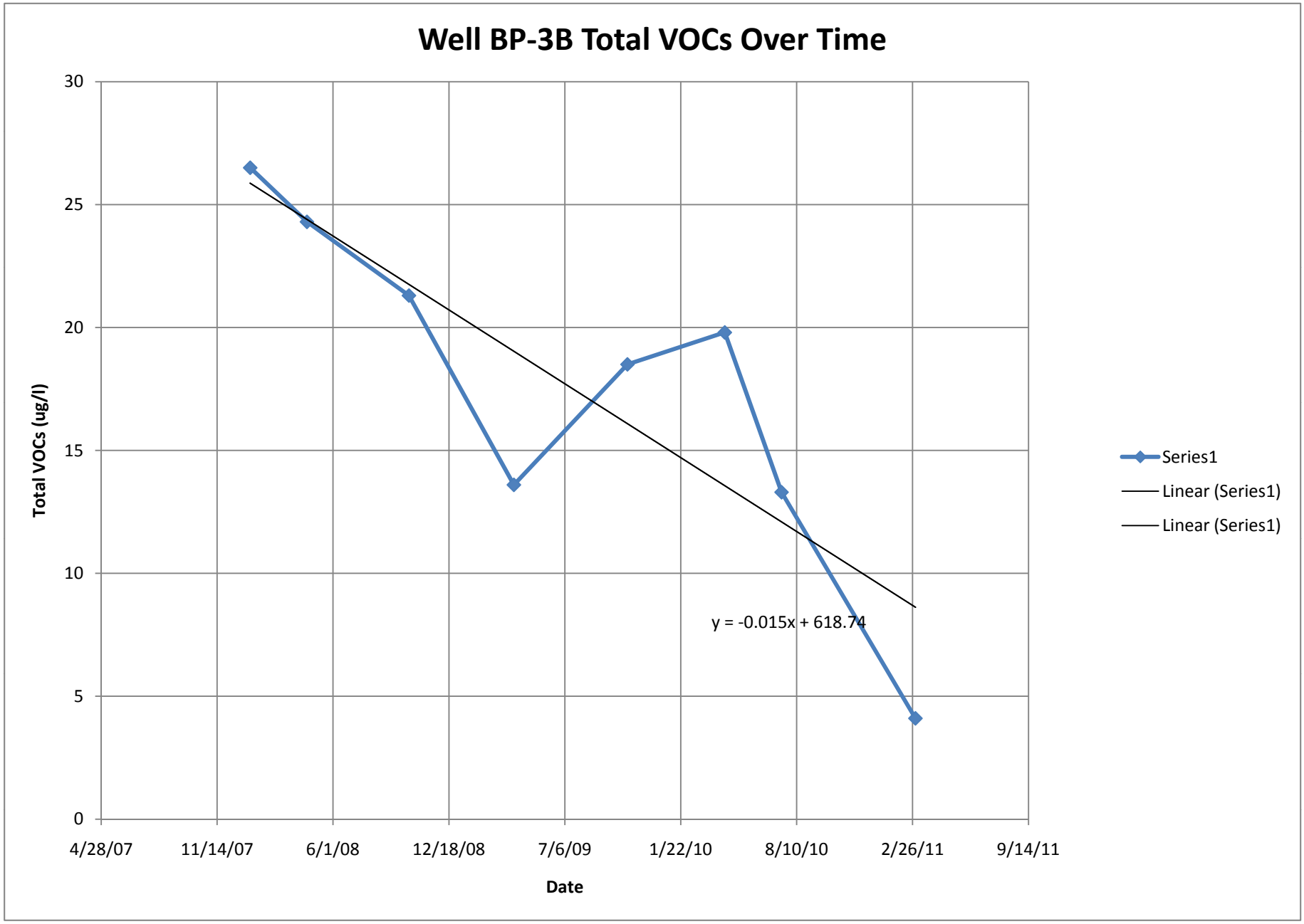
Probability Plot Statistical Calculations

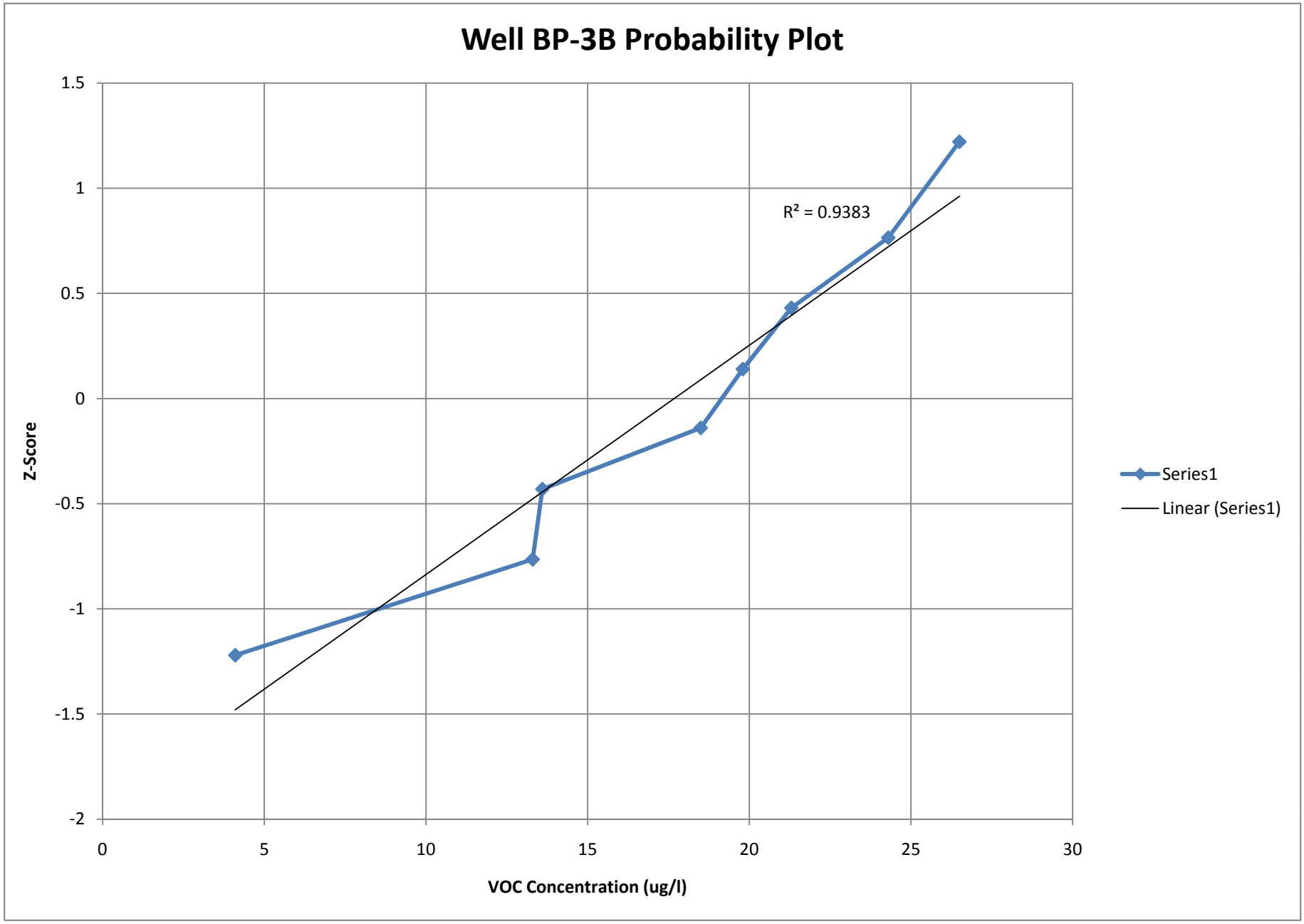
position	Date	Total VOCs (ug/l)	Cumulative Probability	z-score
1	3/3/11	4.1	0.111111111	-1.220640349
2	7/15/10	13.3	0.222222222	-0.764709674
3	4/9/09	13.6	0.333333333	-0.430727299
4	10/22/09	18.5	0.444444444	-0.139710299
5	4/8/10	19.8	0.555555556	0.139710299
6	10/10/08	21.3	0.666666667	0.430727299
7	4/17/08	24.3	0.777777778	0.764709674
8	1/10/08	26.5	0.888888889	1.220640349

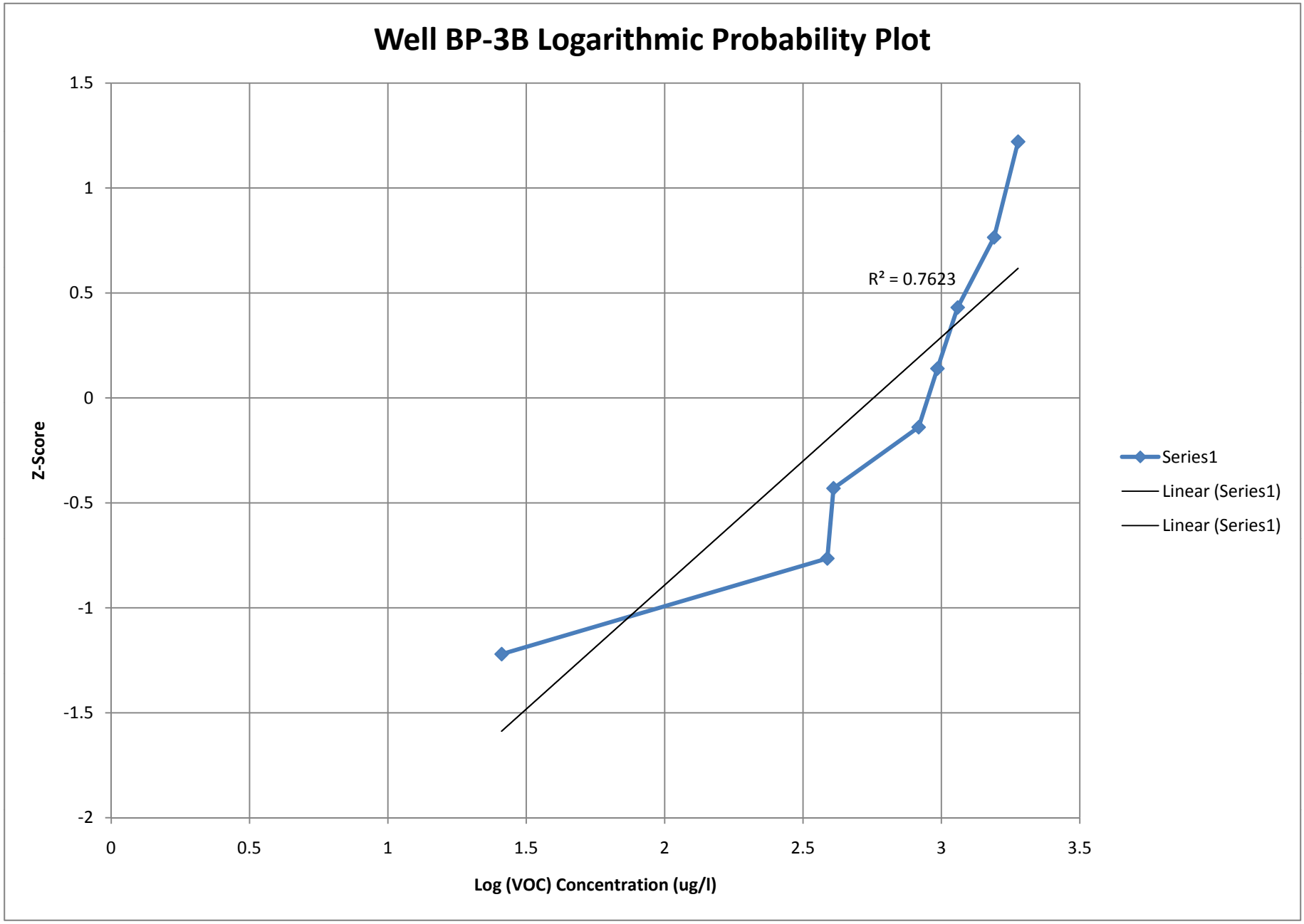
Logarithmic Probability Plot Statistical Calculations

position	Date	Total VOCs (ug/l)	Log of Concentration	Cumulative Probability	z-score
1	3/3/11	4.1	1.410986974	0.111111111	-1.22064
2	7/15/10	13.3	2.587764035	0.222222222	-0.76471
3	4/9/09	13.6	2.610069793	0.333333333	-0.43073
4	10/22/09	18.5	2.917770732	0.444444444	-0.13971
5	4/8/10	19.8	2.985681938	0.555555556	0.13971
6	10/10/08	21.3	3.058707073	0.666666667	0.430727
7	4/17/08	24.3	3.19047635	0.777777778	0.76471
8	1/10/08	26.5	3.277144733	0.888888889	1.22064

Notes:
: Total VOC concentration does not include methylene chloride


Well BP-3B Total VOCs Over Time
Total VOCs (ug/l)
30
25
20
15
10
5
0
4/28/07
11/14/07
6/1/08
12/18/08
7/6/09
1/22/10
8/10/10
2/26/11
9/14/11
Date
y = -0.015x + 618.74
Series1
Linear (Series1)
Linear (Series1)


Well BP-3B Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
-2
Z-Score
0
5
10
15
20
25
30
VOC Concentration (ug/l)
R² = 0.9383
Series1
Linear (Series1)


Well BP-3B Logarithmic Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
-2
Z-Score
0
0.5
1
1.5
2
2.5
3
3.5
Log (VOC) Concentration (ug/l)
R² = 0.7623
Series1
Linear (Series1)
Linear (Series1)

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
DETAILS OF STATISTICAL ANALYSIS
WELL BP-3C

Total VOCs Over Past 8 Sampling Events

Date	Total VOCs (ug/l)
3/3/11	18.7
7/12/10	85.98
4/7/10	90.7
4/9/09	72.5
10/9/08	122.5
4/17/08	131.8
1/10/08	119.6
10/11/07	88.2

Basic Statistical Calculations

Average (ug/l):	91.2475
Median (ug/l):	89.45
Standard Deviation (ug/l):	36.00997947
Upper Limit (ug/l):	161.8270598
Lower Limit (ug/l):	20.66794024
Slope (ug/l/yr):	-20.6722034

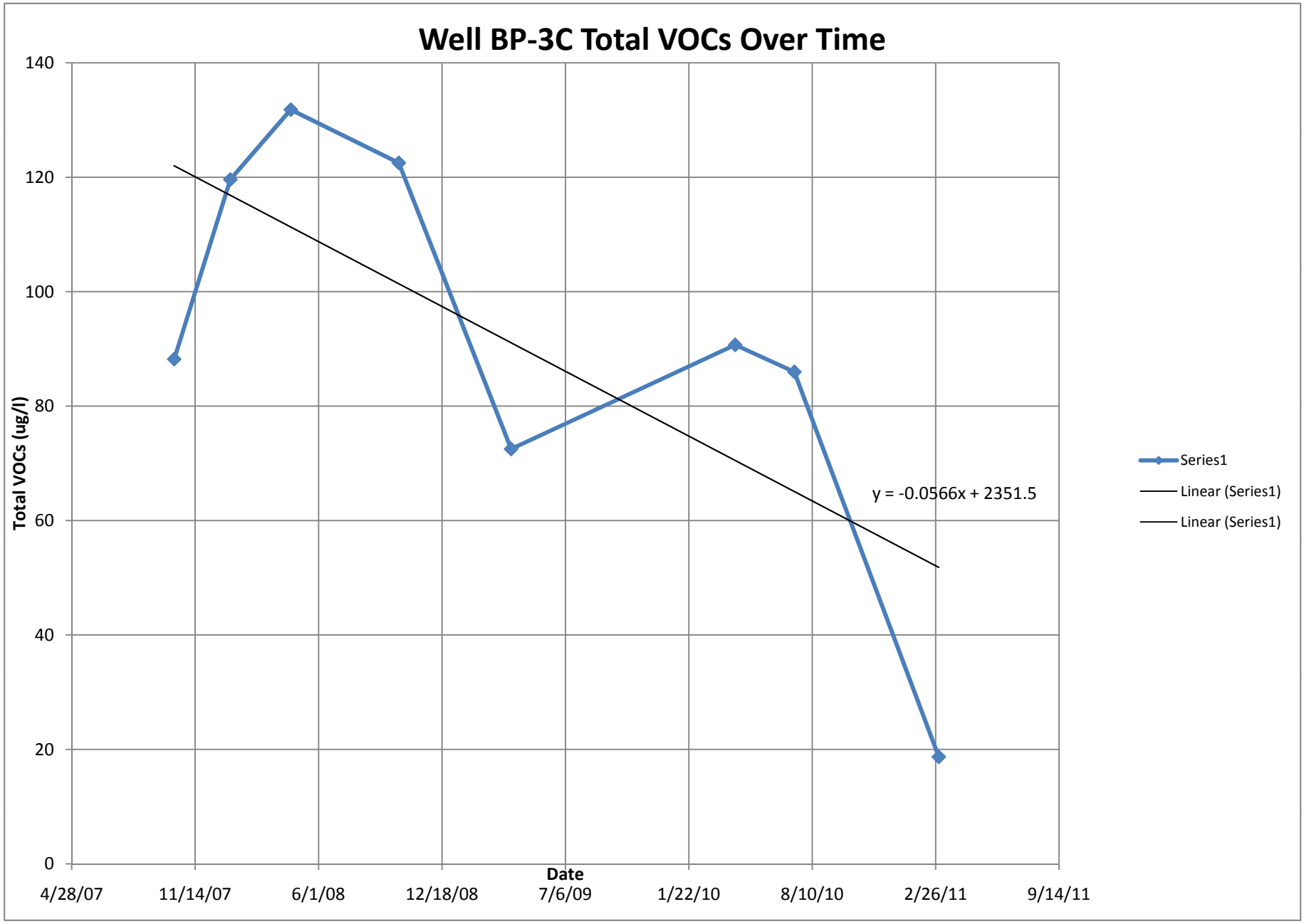
Probability Plot Statistical Calculations

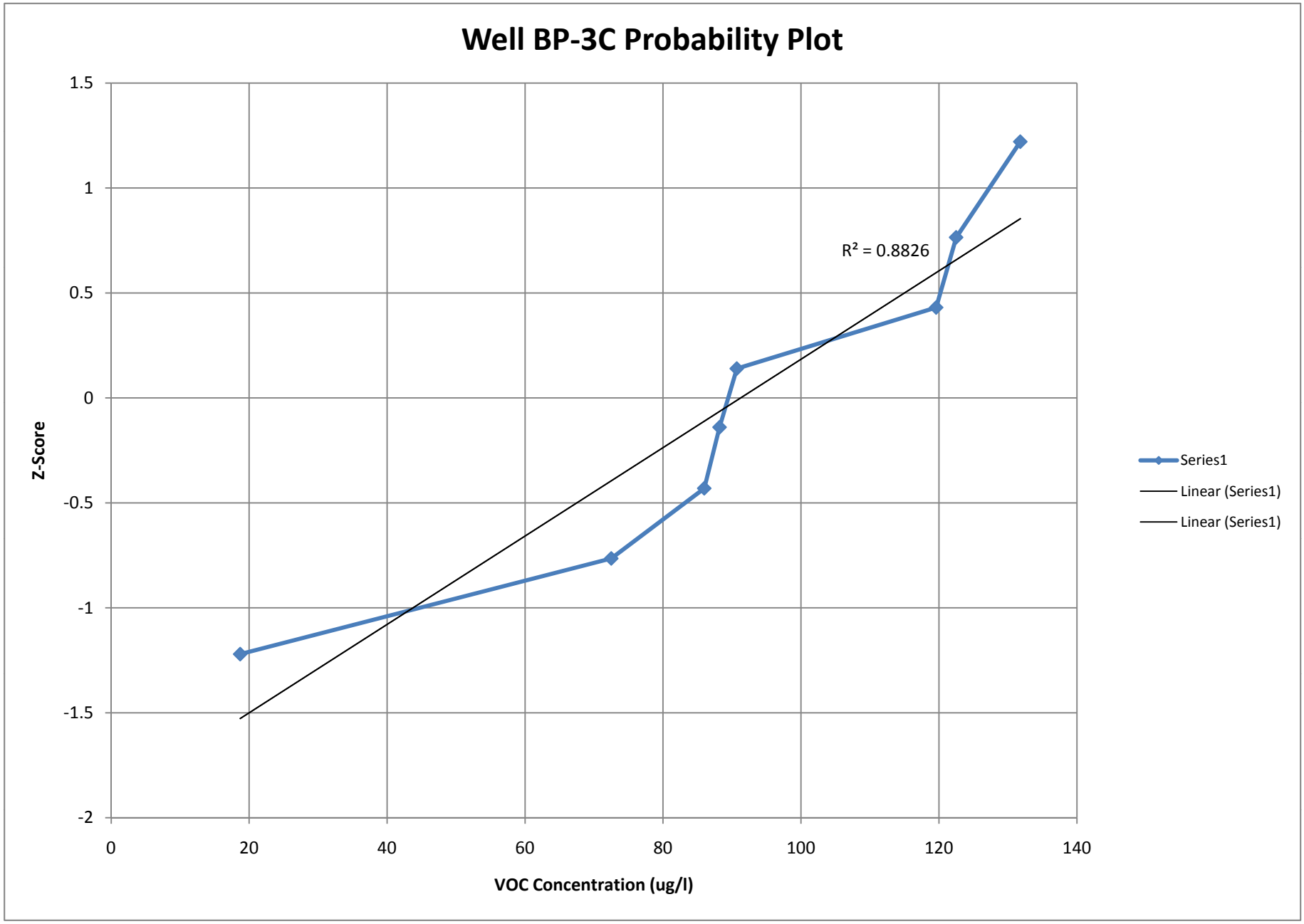
position	Date	Total VOCs (ug/l)	Cumulative Probability	z-score
1	3/3/11	18.7	0.111111111	-1.220640349
2	4/9/09	72.5	0.222222222	-0.764709674
3	7/12/10	85.98	0.333333333	-0.430727299
4	10/11/07	88.2	0.444444444	-0.139710299
5	4/7/10	90.7	0.555555556	0.139710299
6	1/10/08	119.6	0.666666667	0.430727299
7	10/9/08	122.5	0.777777778	0.764709674
8	4/17/08	131.8	0.888888889	1.220640349

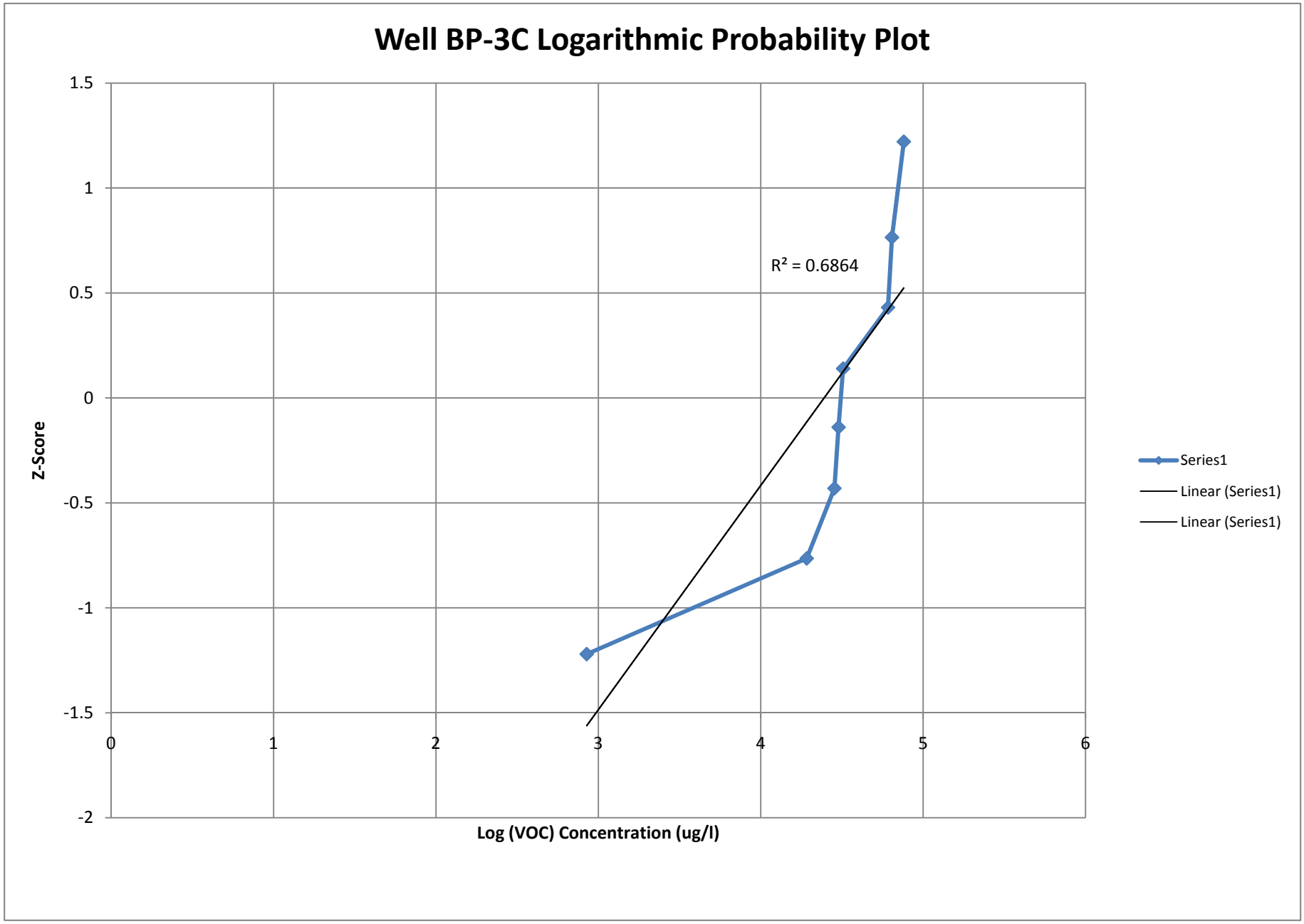
Logarithmic Probability Plot Statistical Calculations

position	Date	Total VOCs (ug/l)	Log of Concentration	Cumulative Probability	z-score
1	3/3/11	18.7	2.928523524	0.111111111	-1.22064
2	4/9/09	72.5	4.283586562	0.222222222	-0.76471
3	7/12/10	85.98	4.454114711	0.333333333	-0.43073
4	10/11/07	88.2	4.479606963	0.444444444	-0.13971
5	4/7/10	90.7	4.507557357	0.555555556	0.13971
6	1/10/08	119.6	4.784152842	0.666666667	0.430727
7	10/9/08	122.5	4.80811103	0.777777778	0.76471
8	4/17/08	131.8	4.881285622	0.888888889	1.22064

Notes:
: Total VOC concentration does not include methylene chloride


Well BP-3C Total VOCs Over Time
Total VOCs (ug/l)
140
120
100
80
60
40
20
0
4/28/07
11/14/07
6/1/08
12/18/08
7/6/09
1/22/10
8/10/10
2/26/11
9/14/11
Date
y = -0.0566x + 2351.5
Series1
Linear (Series1)
Linear (Series1)


Well BP-3C Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
-2
Z-Score
0
20
40
60
80
100
120
140
VOC Concentration (ug/l)
R² = 0.8826
Series1
Linear (Series1)
Linear (Series1)


Well BP-3C Logarithmic Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
-2
Z-Score
0
1
2
3
4
5
6
Log (VOC) Concentration (ug/l)
R² = 0.6864
Series1
Linear (Series1)
Linear (Series1)

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
DETAILS OF STATISTICAL ANALYSIS
WELL BP-4C

Total VOCs Over Past 8 Sampling Events

Date	Total VOCs (ug/l)
3/11/11	3.0
12/12/07	37.7
9/21/07	40.6
6/19/07	47.1
3/27/07	44
1/10/07	74.3
9/22/06	76.9
6/15/06	68.8

Basic Statistical Calculations

Average (ug/l):	49.1
Median (ug/l):	45.6
Standard Deviation (ug/l):	24.35857139
Upper Limit (ug/l):	96.79279992
Lower Limit (ug/l):	1.307200082
Slope (ug/l/yr):	-14.83565433

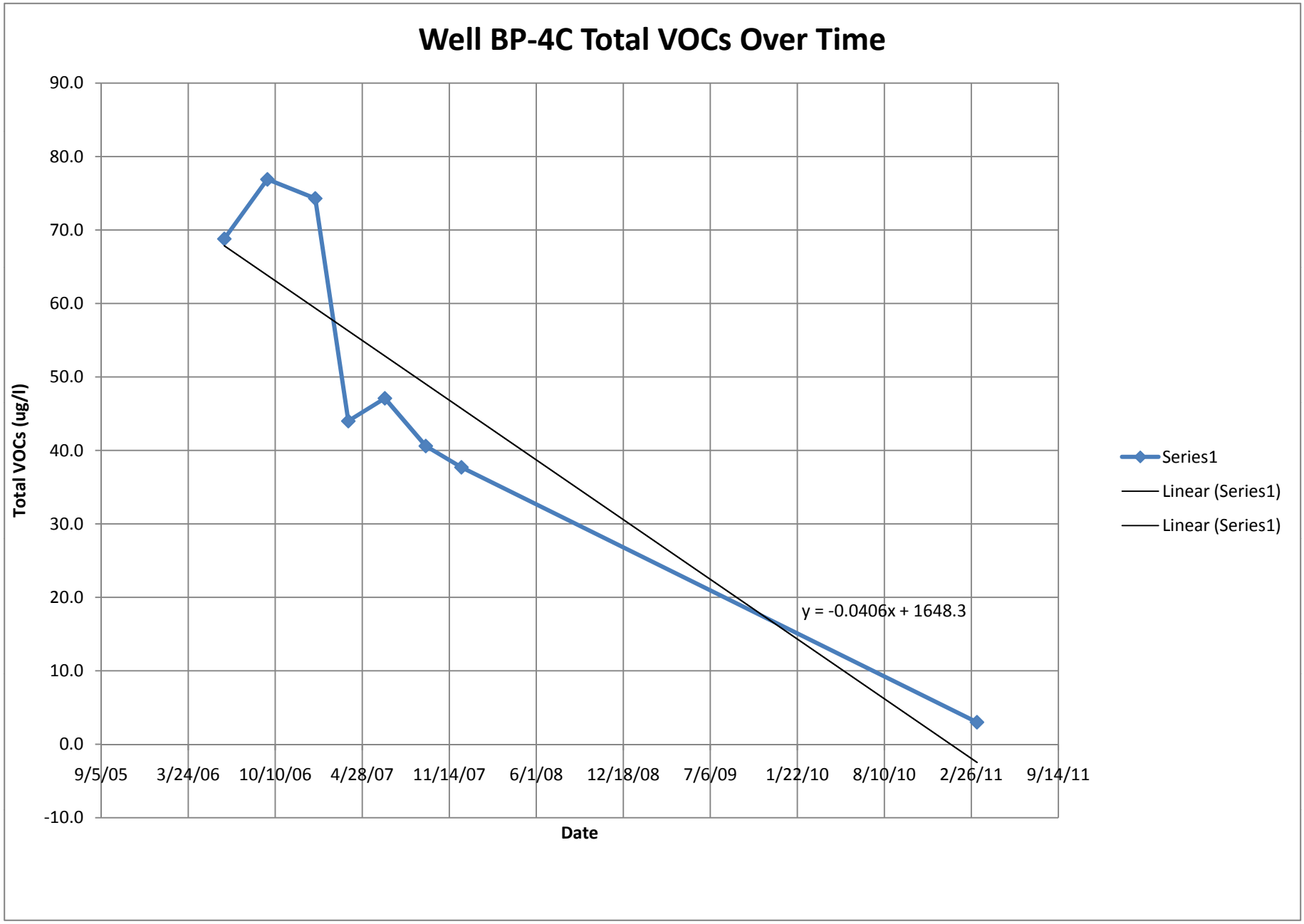
Probability Plot Statistical Calculations

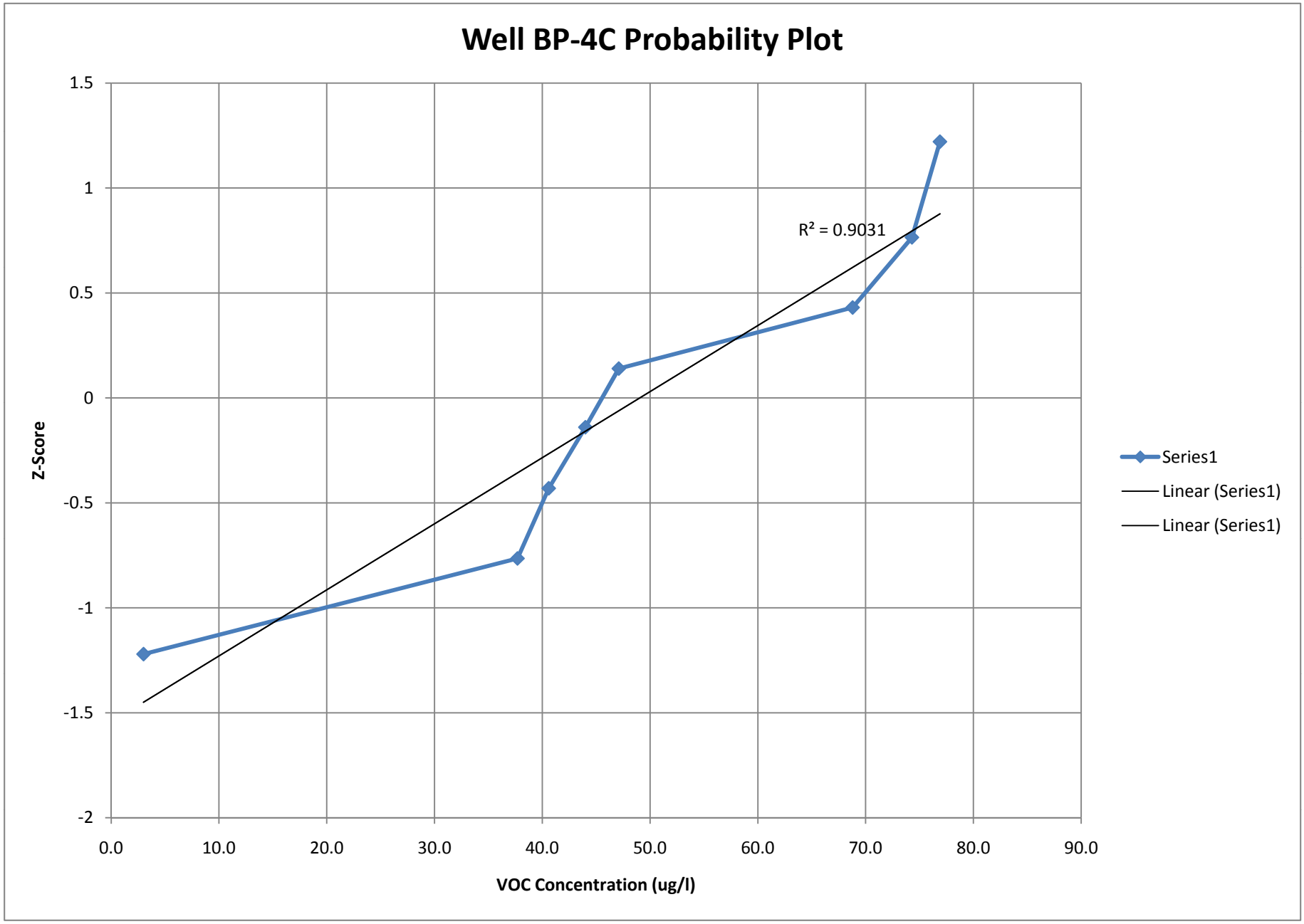
position	Date	Total VOCs (ug/l)	Cumulative Probability	z-score
1	3/11/11	3.0	0.111111111	-1.220640349
2	12/12/07	37.7	0.222222222	-0.764709674
3	9/21/07	40.6	0.333333333	-0.430727299
4	3/27/07	44	0.444444444	-0.139710299
5	6/19/07	47.1	0.555555556	0.139710299
6	6/15/06	68.8	0.666666667	0.430727299
7	1/10/07	74.3	0.777777778	0.764709674
8	9/22/06	76.9	0.888888889	1.220640349

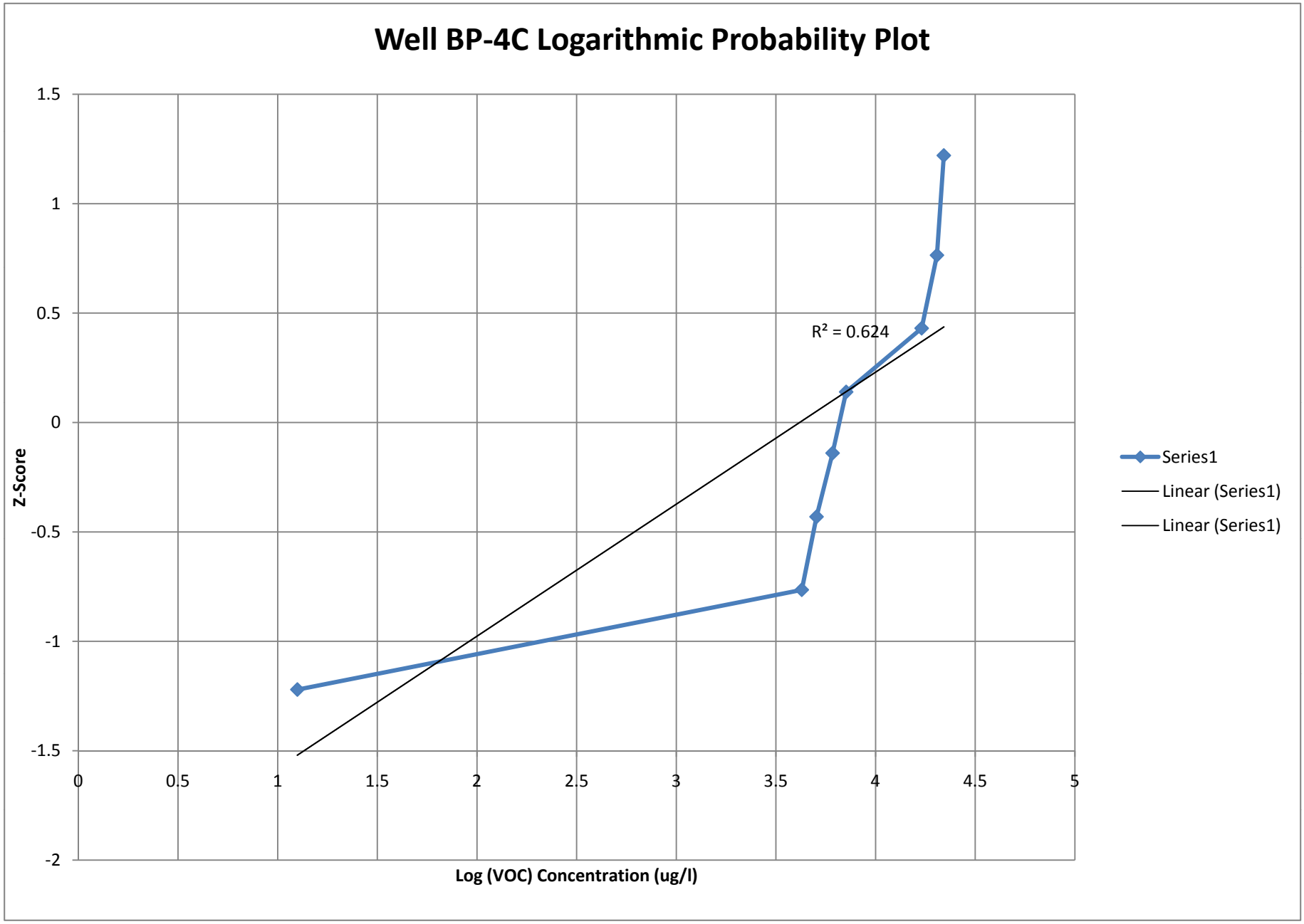
Logarithmic Probability Plot Statistical Calculations

position	Date	Total VOCs (ug/l)	Log of Concentration	Cumulative Probability	z-score
1	3/11/11	3.0	1.098612289	0.111111111	-1.22064
2	12/12/07	37.7	3.629660094	0.222222222	-0.76471
3	9/21/07	40.6	3.703768067	0.333333333	-0.43073
4	3/27/07	44	3.784189634	0.444444444	-0.13971
5	6/19/07	47.1	3.852273001	0.555555556	0.13971
6	6/15/06	68.8	4.231203745	0.666666667	0.430727
7	1/10/07	74.3	4.308110952	0.777777778	0.76471
8	9/22/06	76.9	4.342505877	0.888888889	1.22064

Notes:
: Total VOC concentration does not include methylene chloride


Well BP-4C Total VOCs Over Time
Total VOCs (ug/l)
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
9/5/05
3/24/06
10/10/06
4/28/07
11/14/07
6/1/08
12/18/08
7/6/09
1/22/10
8/10/10
2/26/11
9/14/11
Date
y = -0.0406x + 1648.3
Series1
Linear (Series1)
Linear (Series1)


Well BP-4C Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
-2
Z-Score
0.0
10.0
20.0
30.0
40.0
50.0
60.0
70.0
80.0
90.0
VOC Concentration (ug/l)
R² = 0.9031
Series1
Linear (Series1)
Linear (Series1)


Well BP-4C Logarithmic Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
-2
Z-Score
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Log (VOC) Concentration (ug/l)
R² = 0.624
Series1
Linear (Series1)
Linear (Series1)

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
DETAILS OF STATISTICAL ANALYSIS
WELL BP-9B

Total VOCs Over Past 8 Sampling Events

Date	Total VOCs (ug/l)
3/17/11	2
9/10/08	15.8
12/11/07	28.7
9/19/07	22.1
6/19/07	28
3/28/07	28
1/9/07	32.6
9/19/06	**0***

*: Outlying concentration not included in statistical analysis

Basic Statistical Calculations

Average (ug/l):	22.45714286
Median (ug/l):	28
Standard Deviation (ug/l):	10.5375293
Upper Limit (ug/l):	43.11070029
Lower Limit (ug/l):	1.803585423
Slope (ug/l/yr):	-7.037366871

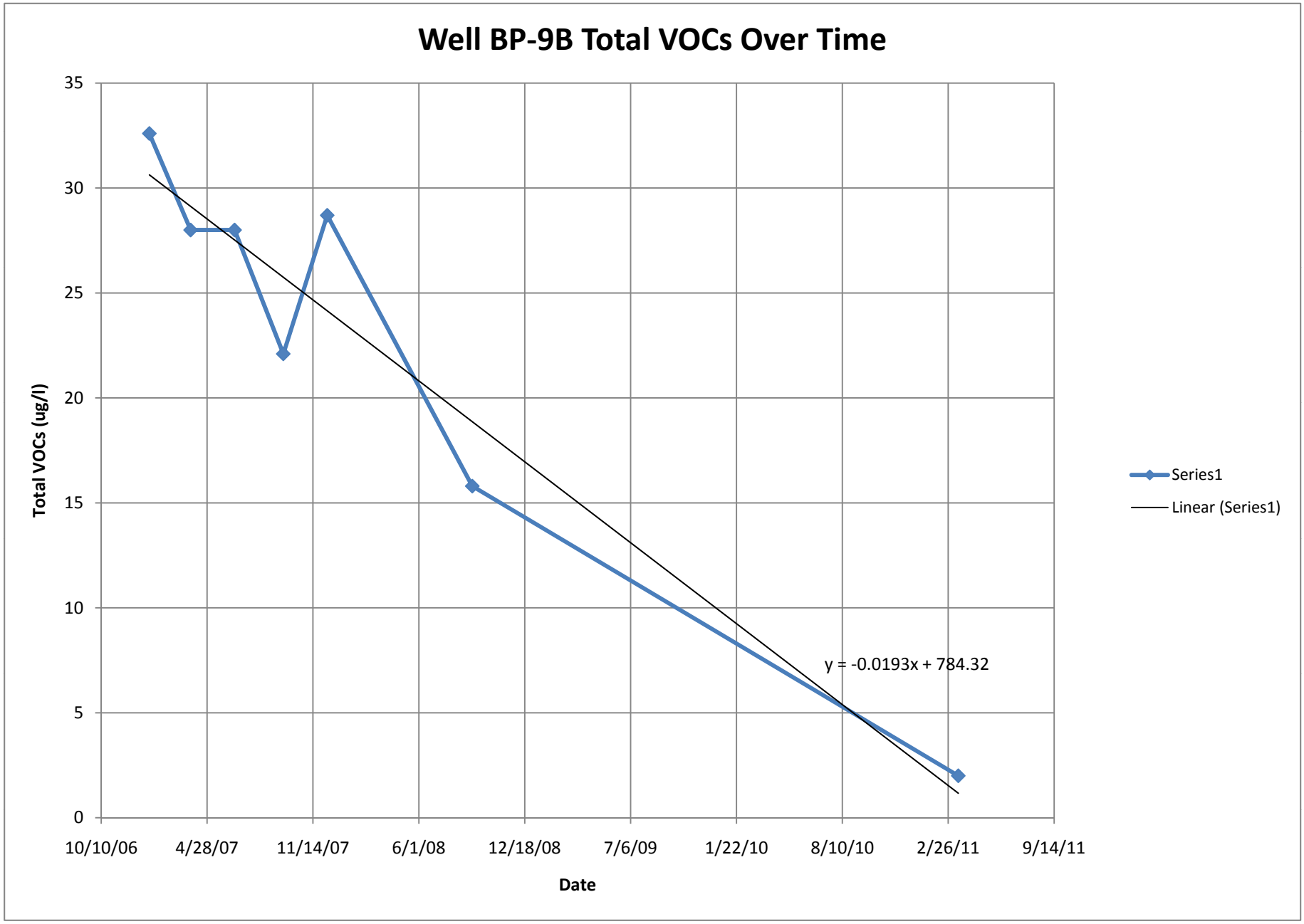
Probability Plot Statistical Calculations

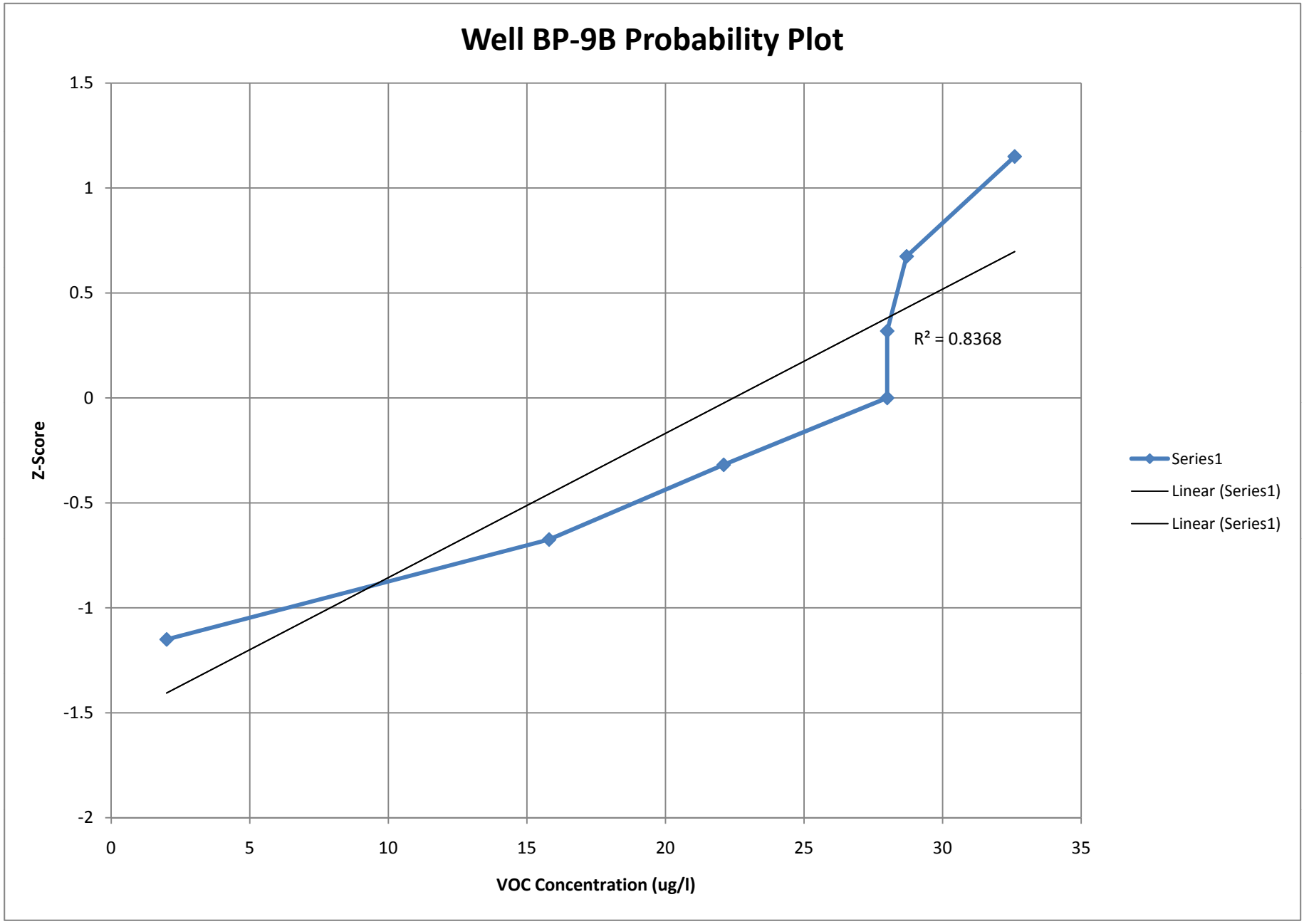
position	Date	Total VOCs (ug/l)	Cumulative Probability	z-score
1	3/17/11	2	0.125	-1.15034938
2	9/10/08	15.8	0.25	-0.67448975
3	9/19/07	22.1	0.375	-0.318639364
4	3/28/07	28	0.5	-1.39214E-16
5	6/19/07	28	0.625	0.318639364
6	12/11/07	28.7	0.75	0.67448975
7	1/9/07	32.6	0.875	1.15034938

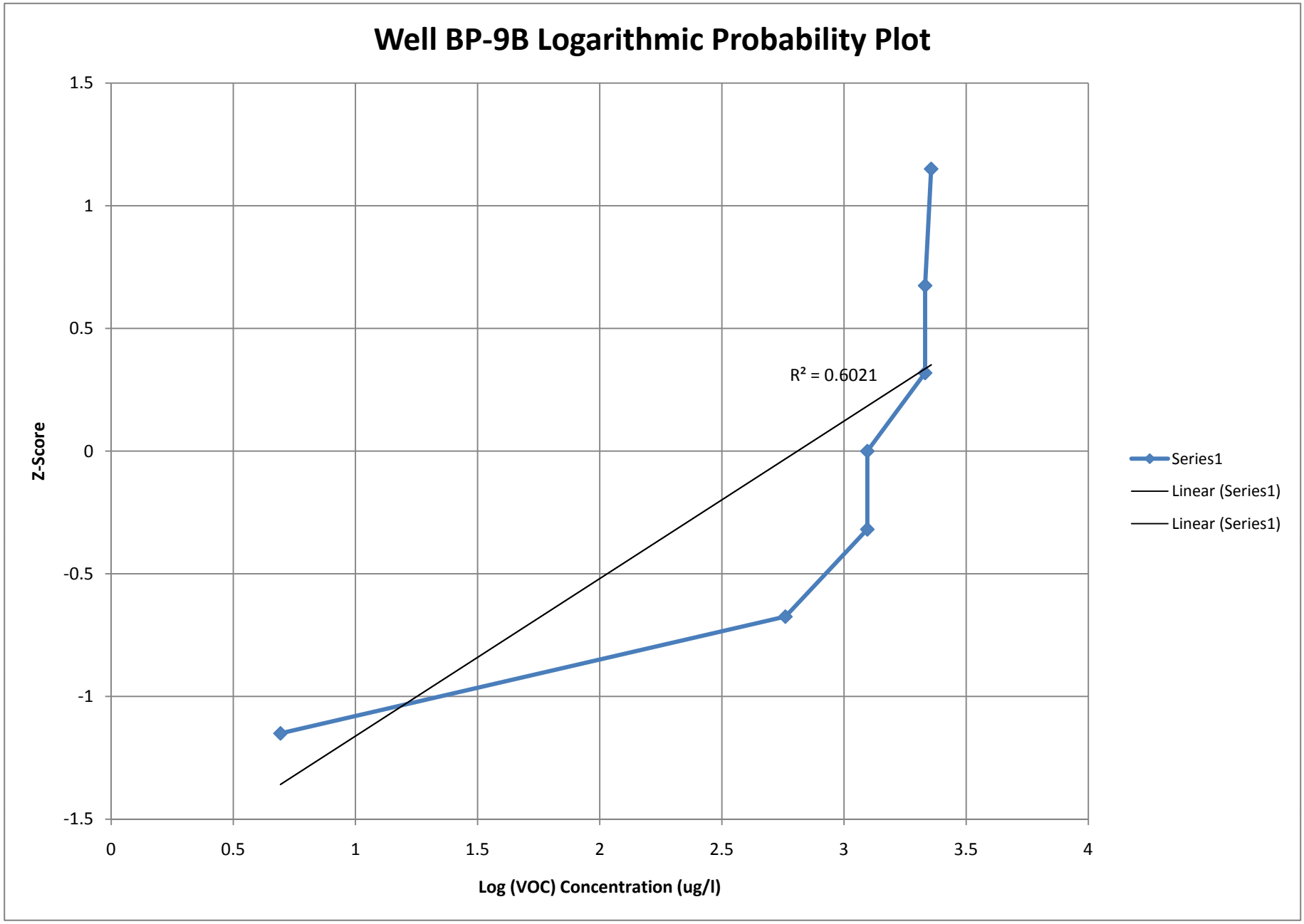
Logarithmic Probability Plot Statistical Calculations

position	Date	Total VOCs (ug/l)	Log of Concentration	Cumulative Probability	z-score
1	3/17/11	2	0.693147181	0.125	-1.15034938
2	9/10/08	15.8	2.76000994	0.25	-0.67448975
3	9/19/07	22.1	3.095577609	0.375	-0.318639364
4	3/28/07	28	3.095577609	0.5	-1.39214E-16
5	6/19/07	28	3.33220451	0.625	0.318639364
6	12/11/07	28.7	3.33220451	0.75	0.67448975
7	1/9/07	32.6	3.356897123	0.875	1.15034938

Notes:
: Total VOC concentration does not include methylene chloride


Well BP-9B Total VOCs Over Time
Total VOCs (ug/l)
35
30
25
20
15
10
5
0
10/10/06
4/28/07
11/14/07
6/1/08
12/18/08
7/6/09
1/22/10
8/10/10
2/26/11
9/14/11
Date
y = -0.0193x + 784.32
Series1
Linear (Series1)


Well BP-9B Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
-2
Z-Score
0
5
10
15
20
25
30
35
VOC Concentration (ug/l)
R² = 0.8368
Series1
Linear (Series1)
Linear (Series1)


Well BP-9B Logarithmic Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
Z-Score
0
0.5
1
1.5
2
2.5
3
3.5
4
Log (VOC) Concentration (ug/l)
R² = 0.6021
Series1
Linear (Series1)
Linear (Series1)

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
DETAILS OF STATISTICAL ANALYSIS
WELL BP-14B

Total VOCs Over Past 8 Sampling Events

Date	Total VOCs
3/4/11	31.6
8/30/10	100.6
3/19/10	198.8
9/4/09	**0***
3/16/09	324.8
10/3/08	407.2
3/7/08	624.1
1/8/08	798

*: Outlying concentration not included in statistical analysis

Basic Statistical Calculations

Average (ug/l):	355.0142857
Median (ug/l):	324.8
Standard Deviation (ug/l):	278.6892082
Upper Limit (ug/l):	901.2451338
Lower Limit (ug/l):	-191.2165623
Slope (ug/l/yr):	-215.7307179

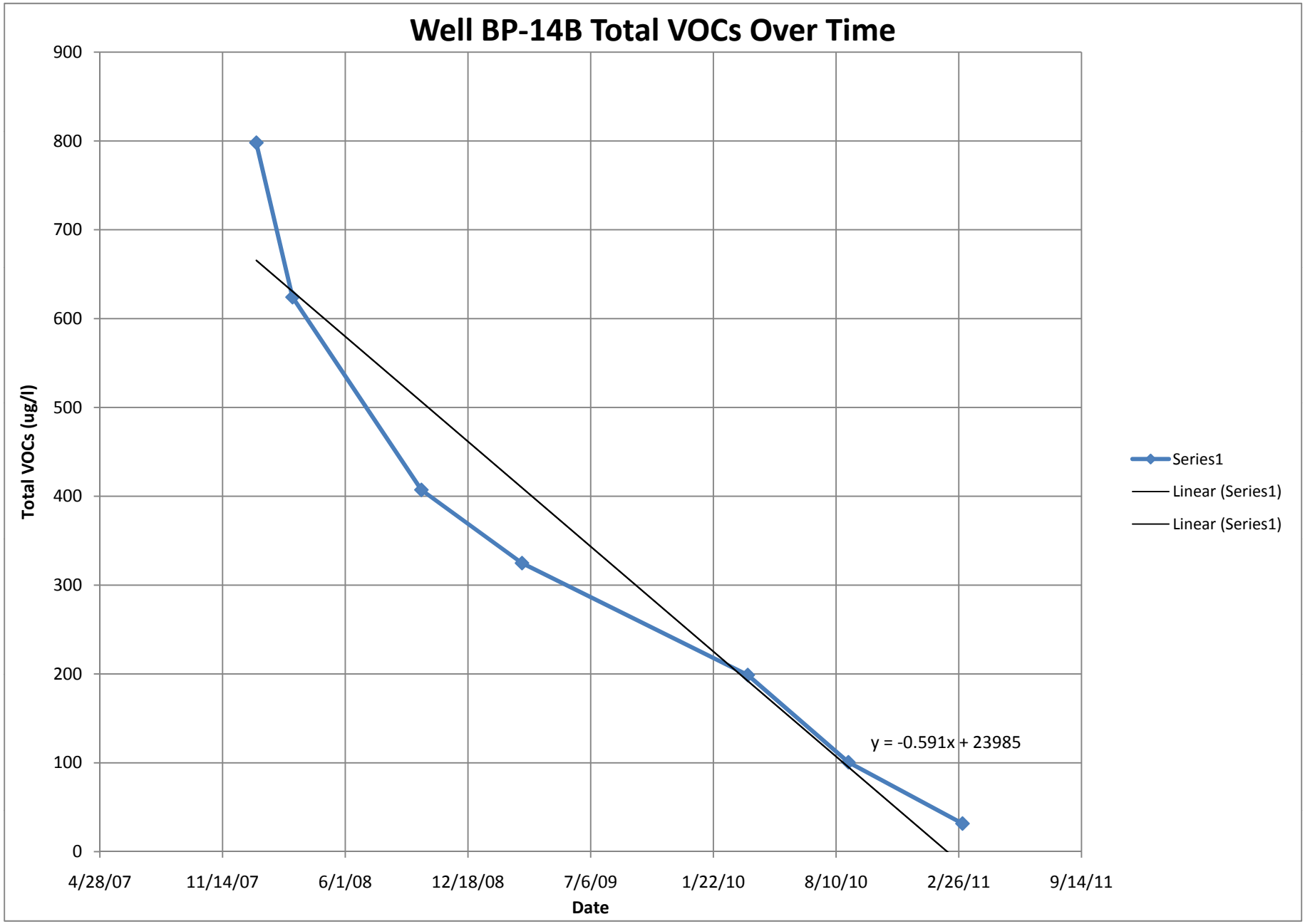
Probability Plot Statistical Calculations

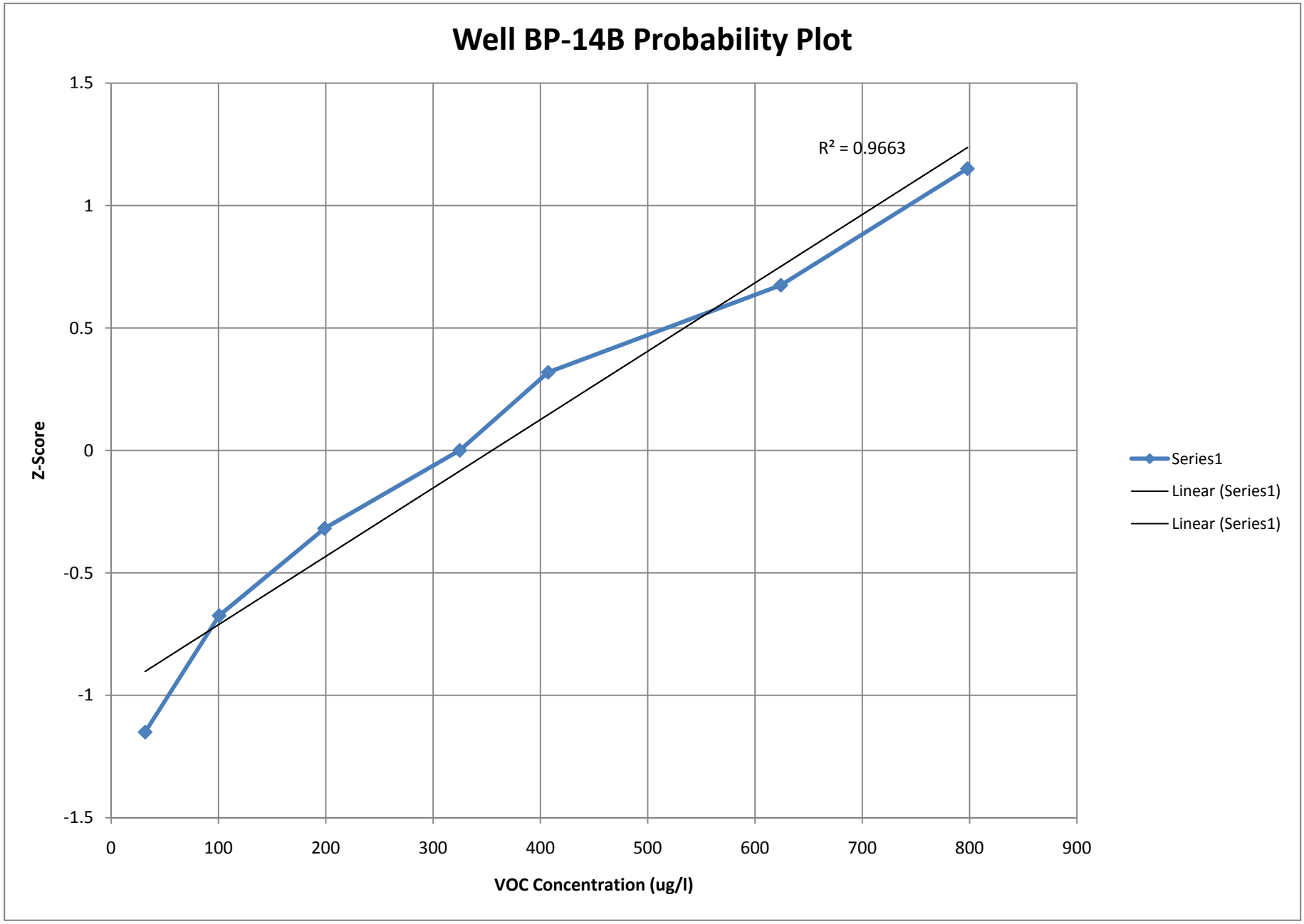
position	Date	Total VOCs (ug/l)	Cumulative Probability	z-score
1	3/4/11	31.6	0.125	-1.15034938
2	8/30/10	100.6	0.25	-0.67448975
3	3/19/10	198.8	0.375	-0.318639364
4	3/16/09	324.8	0.5	-1.39214E-16
5	10/3/08	407.2	0.625	0.318639364
6	3/7/08	624.1	0.75	0.67448975
7	1/8/08	798	0.875	1.15034938

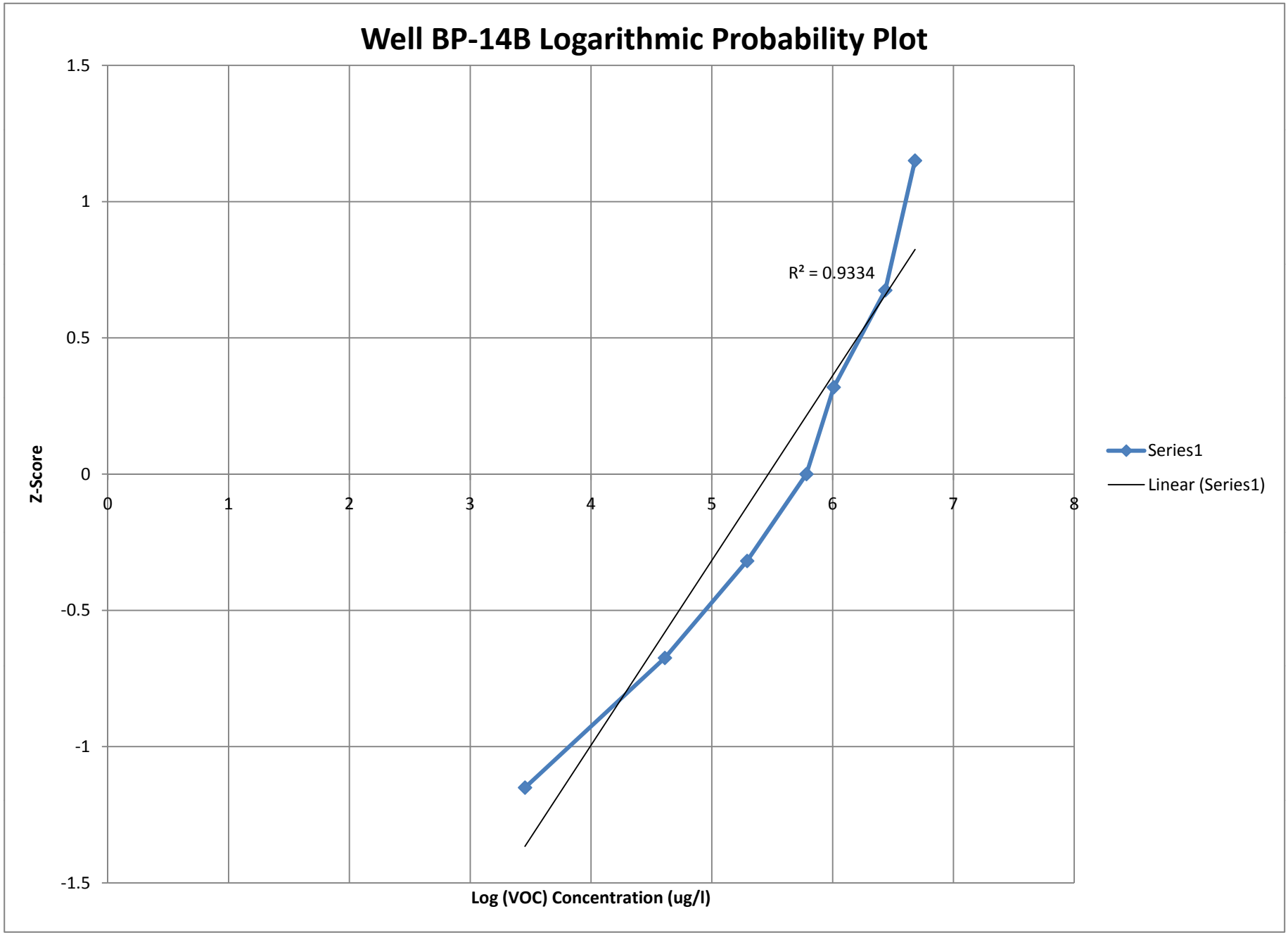
Logarithmic Probability Plot Statistical Calculations

position	Date	Total VOCs (ug/l)	Log of Concentration	Cumulative Probability	z-score
1	3/4/11	31.6	3.453157121	0.125	-1.15034938
2	8/30/10	100.6	4.611152258	0.25	-0.67448975
3	3/19/10	198.8	5.292299294	0.375	-0.318639364
4	3/16/09	324.8	5.783209608	0.5	-1.39214E-16
5	10/3/08	407.2	6.009304465	0.625	0.318639364
6	3/7/08	624.1	6.436310612	0.75	0.67448975
7	1/8/08	798	6.682108597	0.875	1.15034938

Notes:
: Total VOC concentration does not include methylene chloride


Well BP-14B Total VOCs Over Time
900
800
700
600
500
400
300
200
100
0
Total VOCs (ug/l)
4/28/07
11/14/07
6/1/08
12/18/08
7/6/09
1/22/10
8/10/10
2/26/11
9/14/11
Date
y = -0.591x + 23985
Series1
Linear (Series1)
Linear (Series1)


Well BP-14B Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
Z-Score
0
100
200
300
400
500
600
700
800
900
VOC Concentration (ug/l)
R² = 0.9663
Series1
Linear (Series1)
Linear (Series1)


Well BP-14B Logarithmic Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
0
1
2
3
4
5
6
7
8
Z-Score
Log (VOC) Concentration (ug/l)
R² = 0.9334
Series1
Linear (Series1)

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
DETAILS OF STATISTICAL ANALYSIS
WELL BP-14C

Total VOCs Over Past 8 Sampling Events

Date	Total VOCs (ug/l)
3/4/11	4.1
10/3/08	16.5
3/7/08	16.9
1/8/08	**0***
9/21/07	18.9
6/29/07	14.2
3/29/07	7.2
1/10/07	12.2

*: Outlying concentration not included in statistical analysis

Basic Statistical Calculations

Average (ug/l):	12.85714286
Median (ug/l):	14.2
Standard Deviation (ug/l):	5.432266913
Upper Limit (ug/l):	23.50438601
Lower Limit (ug/l):	2.209899708
Slope (ug/l/yr):	-1.783182629

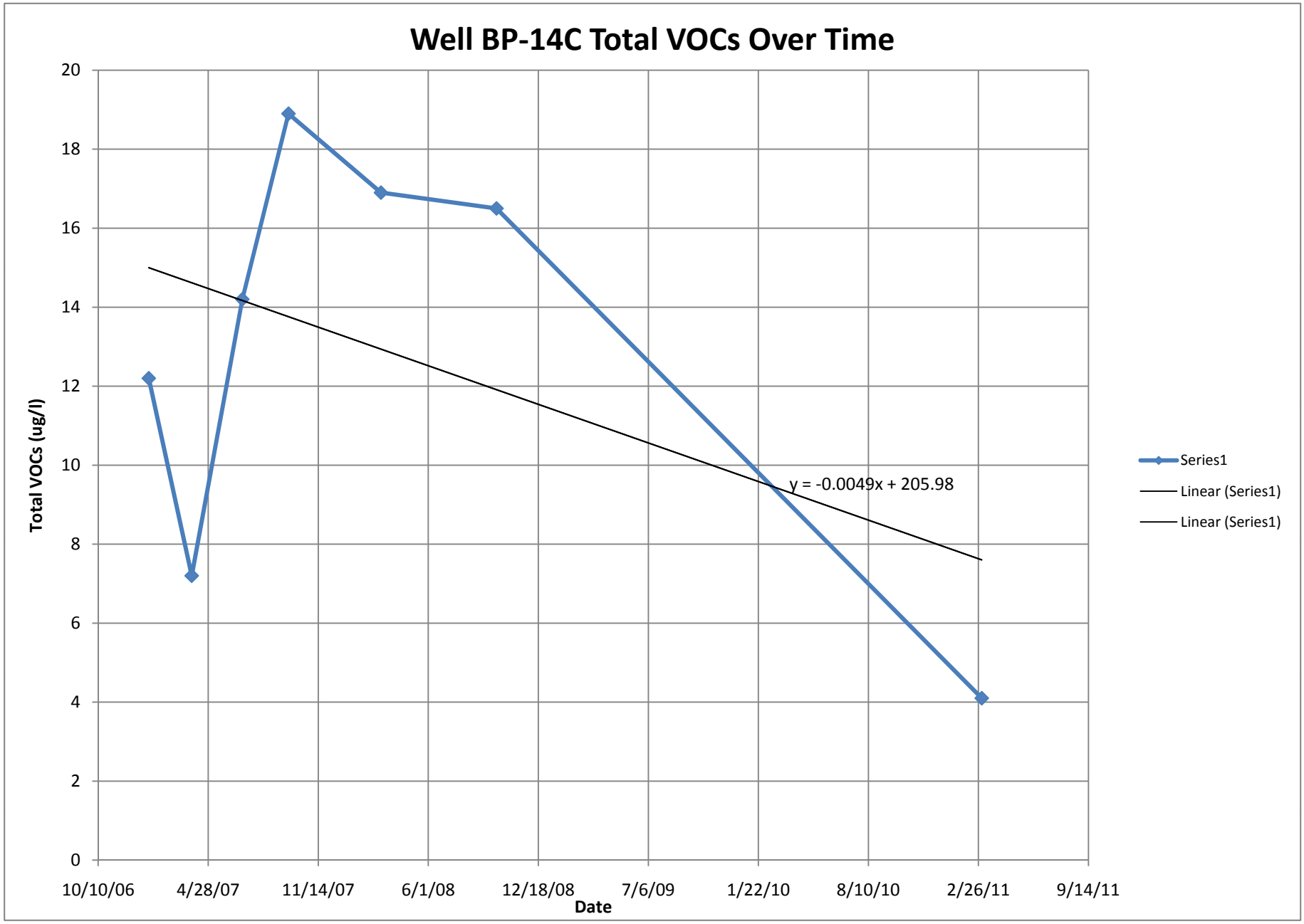
Probability Plot Statistical Calculations

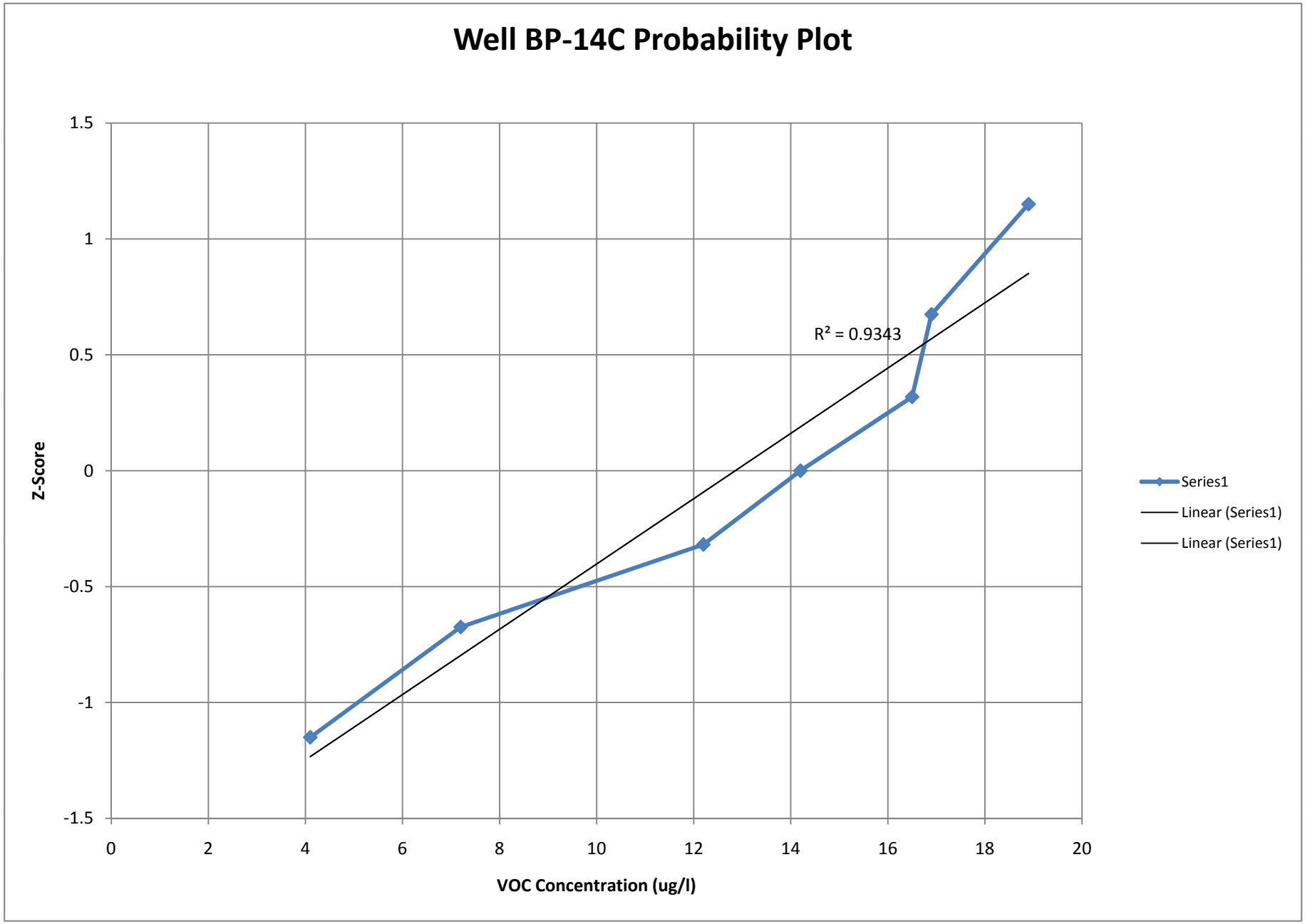
position	Date	Total VOCs (ug/l)	Cumulative Probability	z-score
1	3/4/11	4.1	0.125	-1.15034938
2	3/29/07	7.2	0.25	-0.67448975
3	1/10/07	12.2	0.375	-0.318639364
4	6/29/07	14.2	0.5	-1.39214E-16
5	10/3/08	16.5	0.625	0.318639364
6	3/7/08	16.9	0.75	0.67448975
7	9/21/07	18.9	0.875	1.15034938

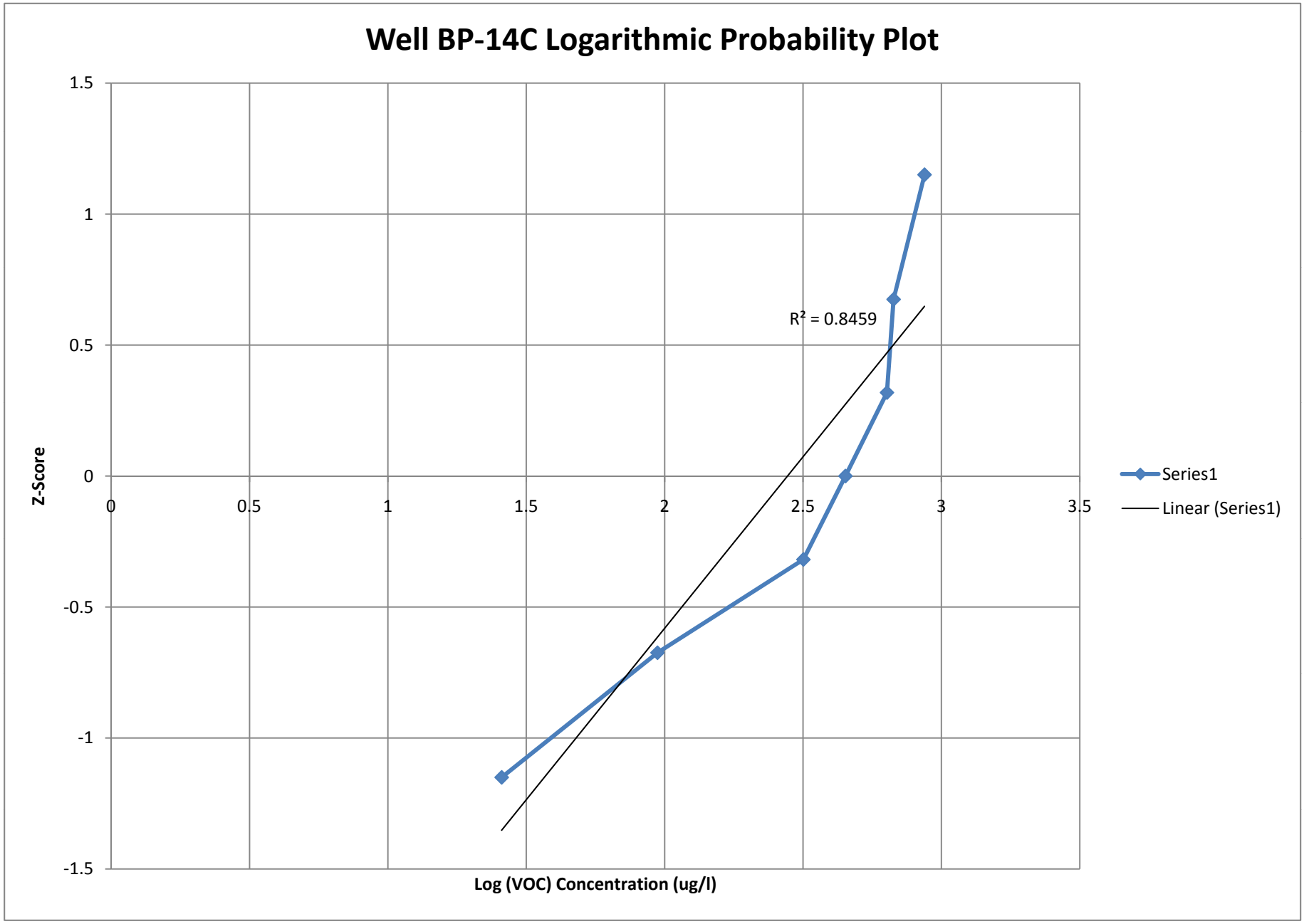
Logarithmic Probability Plot Statistical Calculations

position	Date	Total VOCs (ug/l)	Log of Concentration	Cumulative Probability	z-score
1	3/4/11	4.1	1.410986974	0.125	-1.15034938
2	3/29/07	7.2	1.974081026	0.25	-0.67448975
3	1/10/07	12.2	2.501435952	0.375	-0.318639364
4	6/29/07	14.2	2.653241965	0.5	-1.39214E-16
5	10/3/08	16.5	2.803360381	0.625	0.318639364
6	3/7/08	16.9	2.827313622	0.75	0.67448975
7	9/21/07	18.9	2.939161922	0.875	1.15034938

Notes:
: Total VOC concentration does not include methylene chloride


Well BP-14C Total VOCs Over Time
Total VOCs (ug/l)
20
18
16
14
12
10
8
6
4
2
0
10/10/06
4/28/07
11/14/07
6/1/08
12/18/08
7/6/09
1/22/10
8/10/10
2/26/11
9/14/11
Date
y = -0.0049x + 205.98
Series1
Linear (Series1)
Linear (Series1)


Well BP-14C Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
Z-Score
0
2
4
6
8
10
12
14
16
18
20
VOC Concentration (ug/l)
R² = 0.9343
Series1
Linear (Series1)
Linear (Series1)


Well BP-14C Logarithmic Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
Z-Score
0
0.5
1
1.5
2
2.5
3
3.5
Log (VOC) Concentration (ug/l)
R² = 0.8459
Series1
Linear (Series1)

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
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OLD BETHPAGE, NEW YORK
DETAILS OF STATISTICAL ANALYSIS
WELL BP-15B

Total VOCs Over Past 8 Sampling Events

Date	Total VOCs (ug/l)
3/7/11	154.3
8/31/10	381.2
3/18/10	314
9/4/09	306.9
3/10/09	280.1
9/29/08	238.3
3/11/08	230.8
12/17/07	312.9

Basic Statistical Calculations

Average (ug/l):	277.3125
Median (ug/l):	293.5
Standard Deviation (ug/l):	68.77053849
Upper Limit (ugl):	412.1027554
Lower Limit (ugl):	142.5222446
Slope (ug/l/yr):	-2.086546491

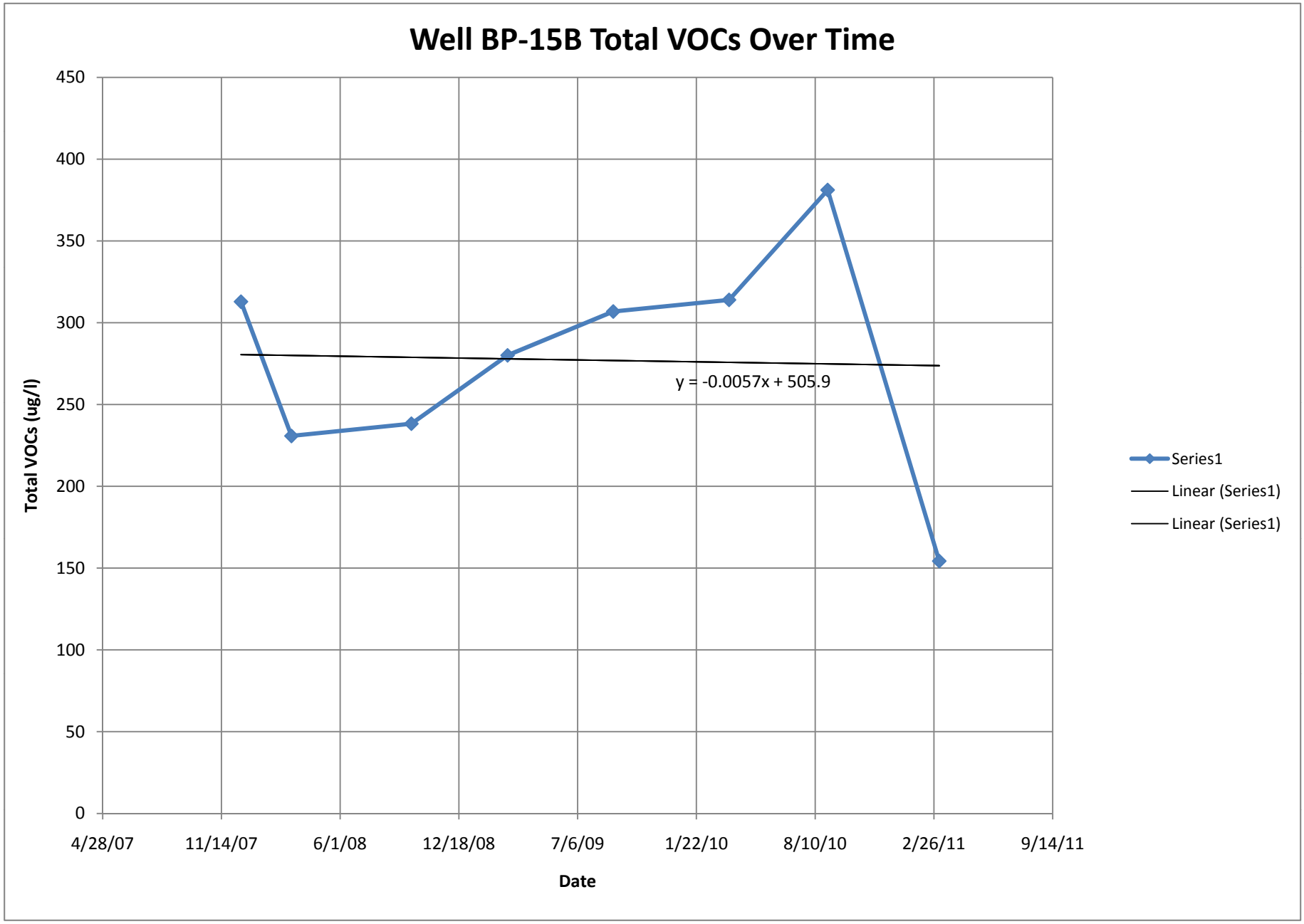
Probability Plot Statistical Calculations

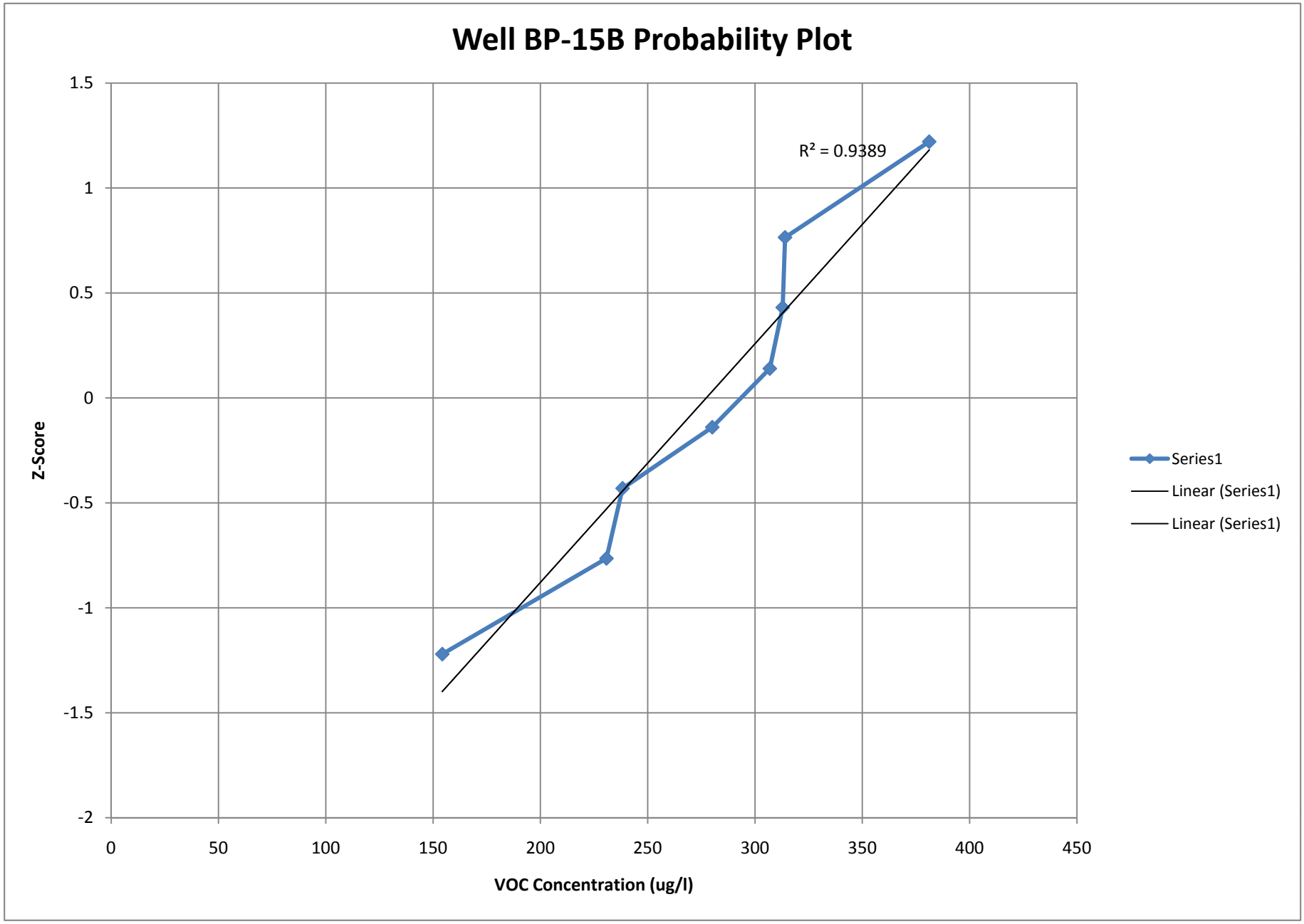
position	Date	Total VOCs (ug/l)	Cumulative Probability	z-score
1	3/7/11	154.3	0.111111111	-1.220640349
2	3/11/08	230.8	0.222222222	-0.764709674
3	9/29/08	238.3	0.333333333	-0.430727299
4	3/10/09	280.1	0.444444444	-0.139710299
5	9/4/09	306.9	0.555555556	0.139710299
6	12/17/07	312.9	0.666666667	0.430727299
7	3/18/10	314	0.777777778	0.764709674
8	8/31/10	381.2	0.888888889	1.220640349

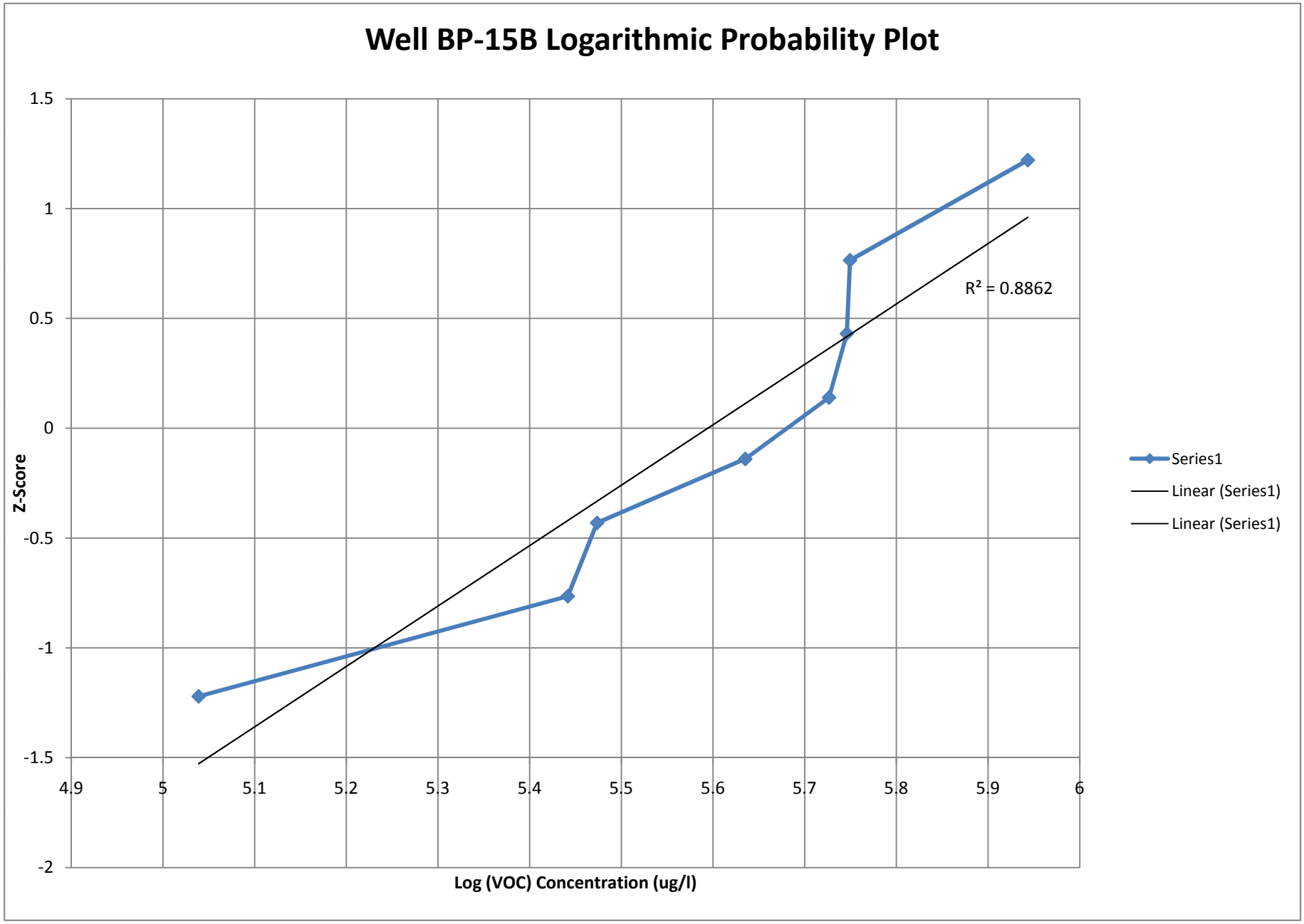
Logarithmic Probability Pot Statistical Calculations

position	Date	Total VOCs (ug/l)	Log of Concentration	Cumulative Probability	z-score
1	3/7/11	154.3	5.038898759	0.111111111	-1.22064
2	3/11/08	230.8	5.441551535	0.222222222	-0.76471
3	9/29/08	238.3	5.473530384	0.333333333	-0.43073
4	3/10/09	280.1	5.635146682	0.444444444	-0.13971
5	9/4/09	306.9	5.726521962	0.555555556	0.13971
6	12/17/07	312.9	5.745883651	0.666666667	0.430727
7	3/18/10	314	5.749392986	0.777777778	0.76471
8	8/31/10	381.2	5.943324172	0.888888889	1.22064

Notes:
: Total VOC concentration does not include methylene chloride


Well BP-15B Total VOCs Over Time
Total VOCs (ug/l)
450
400
350
300
250
200
150
100
50
0
4/28/07
11/14/07
6/1/08
12/18/08
7/6/09
1/22/10
8/10/10
2/26/11
9/14/11
Date
y = -0.0057x + 505.9
Series1
Linear (Series1)
Linear (Series1)


Well BP-15B Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
-2
Z-Score
0
50
100
150
200
250
300
350
400
450
VOC Concentration (ug/l)
R² = 0.9389
Series1
Linear (Series1)
Linear (Series1)


Well BP-15B Logarithmic Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
-2
Z-Score
4.9
5
5.1
5.2
5.3
5.4
5.5
5.6
5.7
5.8
5.9
6
Log (VOC) Concentration (ug/l)
R² = 0.8862
Series1
Linear (Series1)
Linear (Series1)

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
FIREMAN'S TRAINING CENTER
OLD BETHPAGE, NEW YORK
DETAILS OF STATISTICAL ANALYSIS
WELL OBV-1C

Total VOCs Over Past 8 Sampling Events

Date	Total VOCs (ug/l)
9/11/08	14.6
12/13/07	18.1
9/25/07	15.1
6/25/07	16.1
4/5/07	9.7
12/29/06	**31.5***
9/26/06	13.4
6/21/06	13.9

*: Outlying concentration not included in statistical analysis

Basic Statistical Calculations

Average (ug/l):	14.41428571
Median (ug/l);	14.6
Standard Deviation (ug/l):	2.596426115
Upper Limit (ug/l):	19.5032809
Lower Limit (ug/l):	9.325290529
Slope (ug/l/yr):	1.312270693

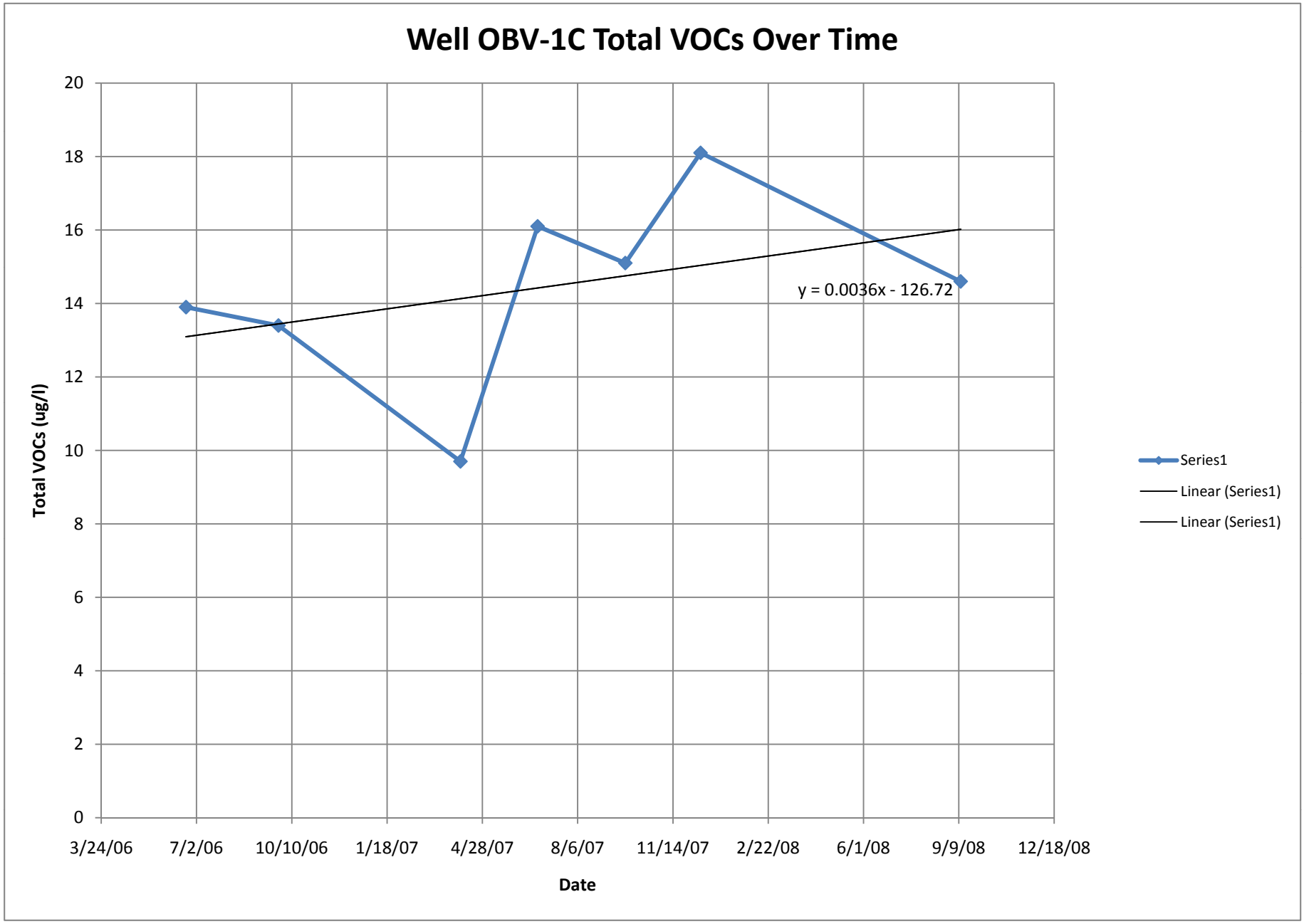
Probability Plot Statistical Calculations

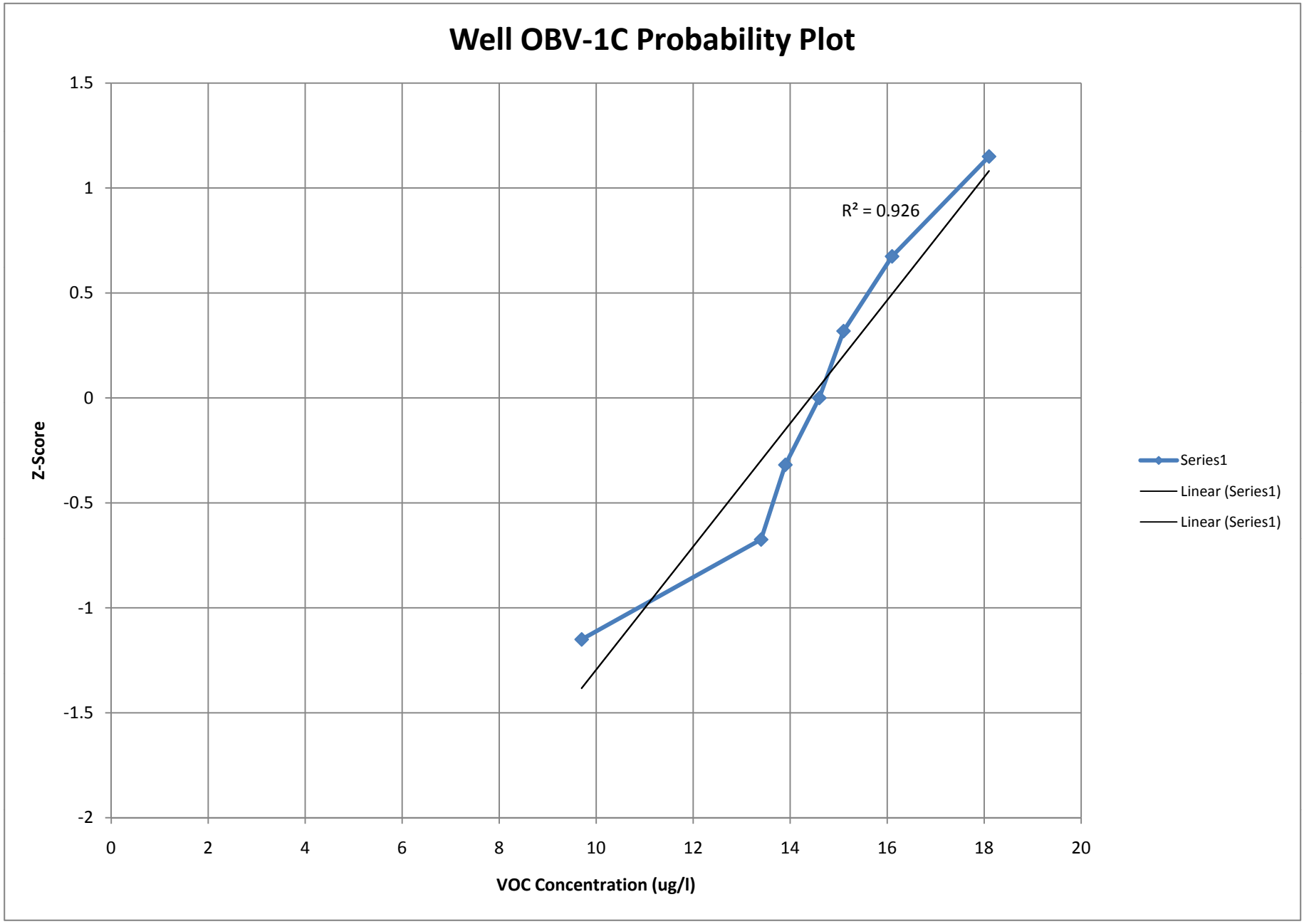
position	Date	Total VOCs (ug/l)	Cumulative Probability	z-score
1	4/5/07	9.7	0.125	-1.15034938
2	9/26/06	13.4	0.25	-0.67448975
3	6/21/06	13.9	0.375	-0.318639364
4	9/11/08	14.6	0.5	-1.39214E-16
5	9/25/07	15.1	0.625	0.318639364
6	6/25/07	16.1	0.75	0.67448975
7	12/13/07	18.1	0.875	1.15034938

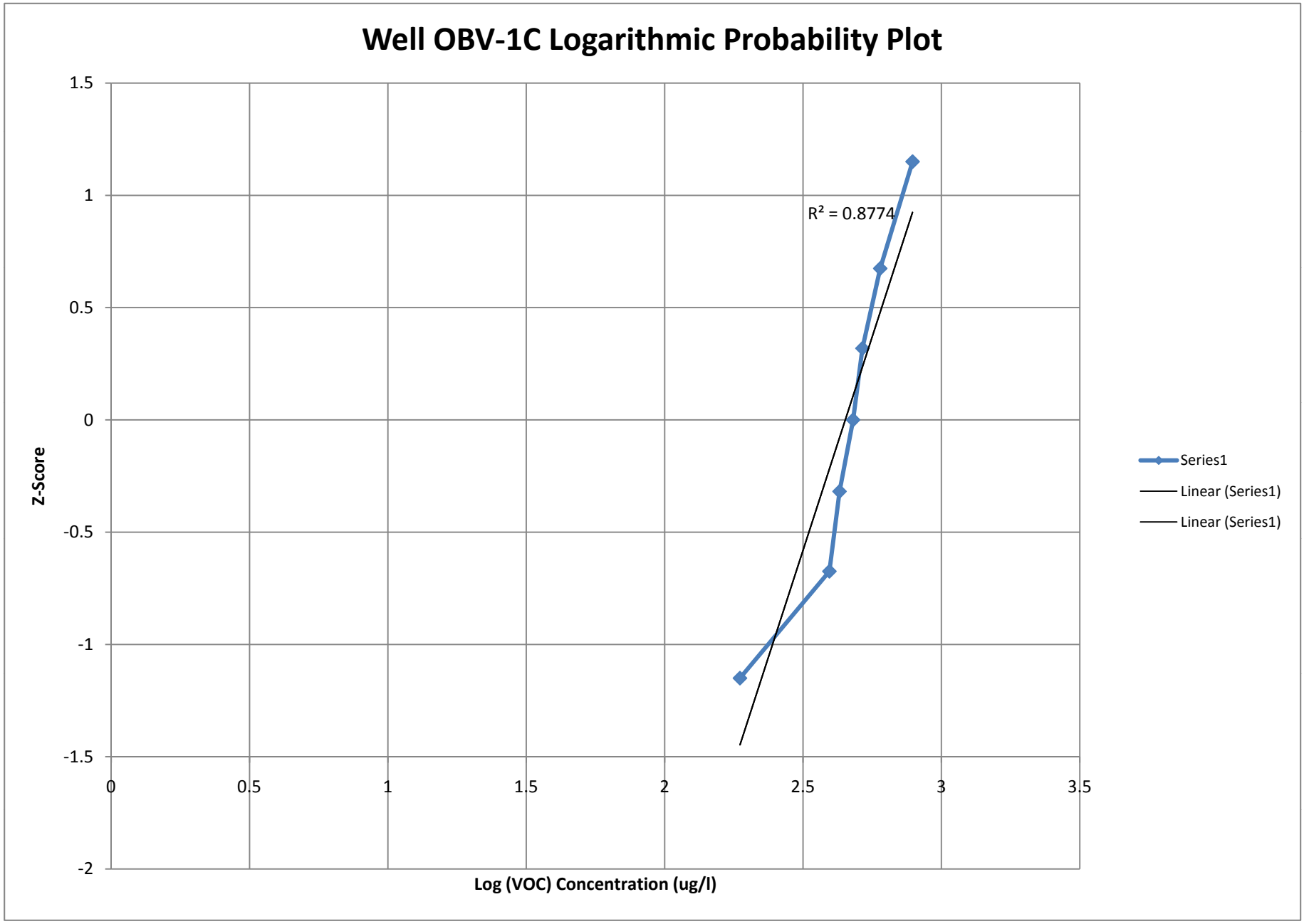
Logarithmic Probability Plot Statistical Calculations

position	Date	Total VOCs (ug/l)	Log of Concentration	Cumulative Probability	z-score
1	4/5/07	9.7	2.272125886	0.125	-1.15035
2	9/26/06	13.4	2.595254707	0.25	-0.67449
3	6/21/06	13.9	2.63188884	0.375	-0.31864
4	9/11/08	14.6	2.681021529	0.5	-1.4E-16
5	9/25/07	15.1	2.714694744	0.625	0.318639
6	6/25/07	16.1	2.778819272	0.75	0.67449
7	12/13/07	18.1	2.895911938	0.875	1.150349

Notes:
: Total VOC concentration does not include methylene chloride

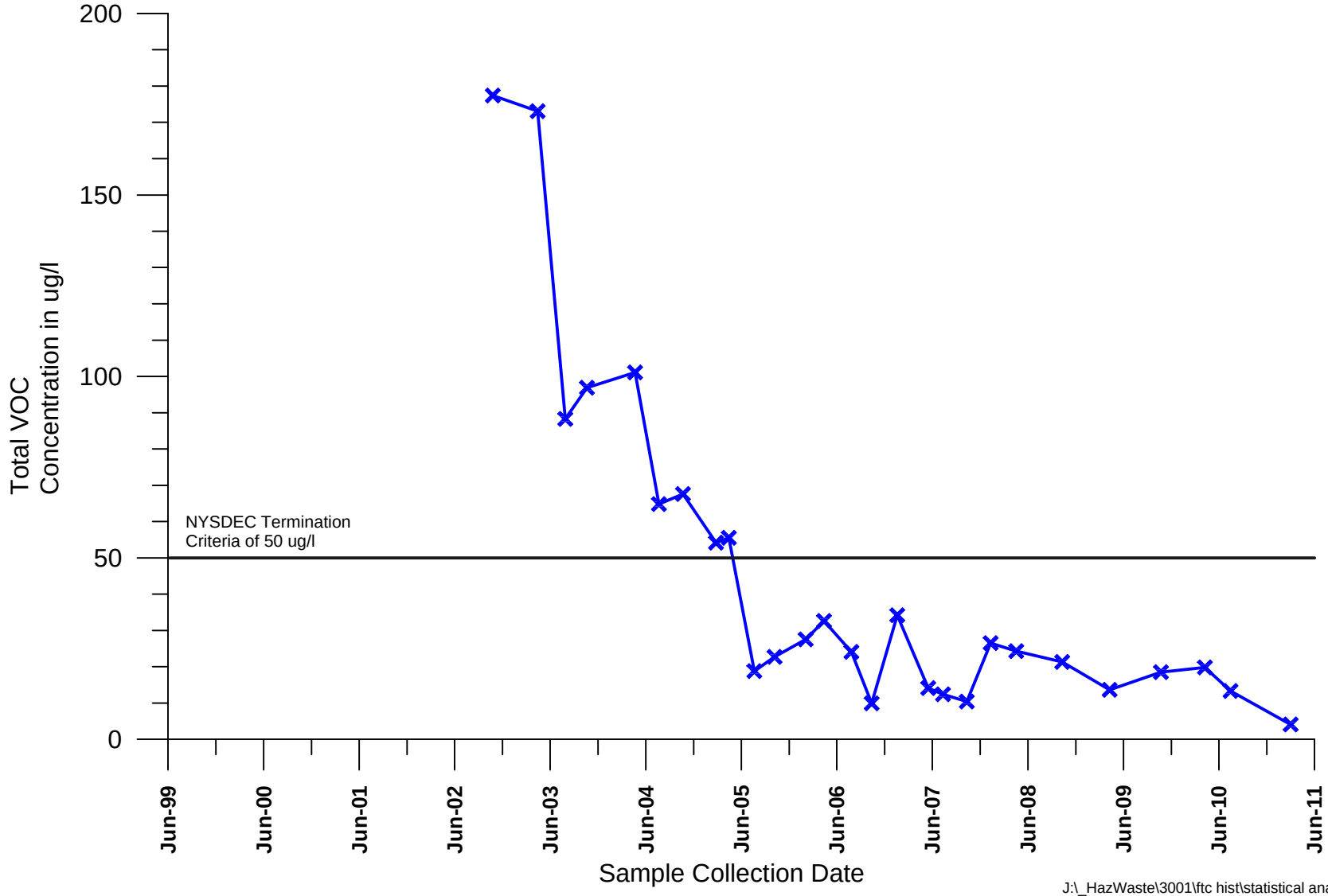

Well OBV-1C Total VOCs Over Time
Total VOCs (ug/l)
20
18
16
14
12
10
8
6
4
2
0
3/24/06
7/2/06
10/10/06
1/18/07
4/28/07
8/6/07
11/14/07
2/22/08
6/1/08
9/9/08
12/18/08
Date
y = 0.0036x - 126.72
Series1
Linear (Series1)
Linear (Series1)


Well OBV-1C Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
-2
Z-Score
0
2
4
6
8
10
12
14
16
18
20
VOC Concentration (ug/l)
R² = 0.926
Series1
Linear (Series1)
Linear (Series1)


Well OBV-1C Logarithmic Probability Plot
1.5
1
0.5
0
-0.5
-1
-1.5
-2
Z-Score
0
0.5
1
1.5
2
2.5
3
3.5
Log (VOC) Concentration (ug/l)
R² = 0.8774
Series1
Linear (Series1)
Linear (Series1)

APPENDIX D

TOTAL VOC CONCENTRATION TRENDS FOR SELECT MONITORING WELLS



J:_HazWaste\3001\ftc hist\statistical analysis\graphs\BP-3B.grf

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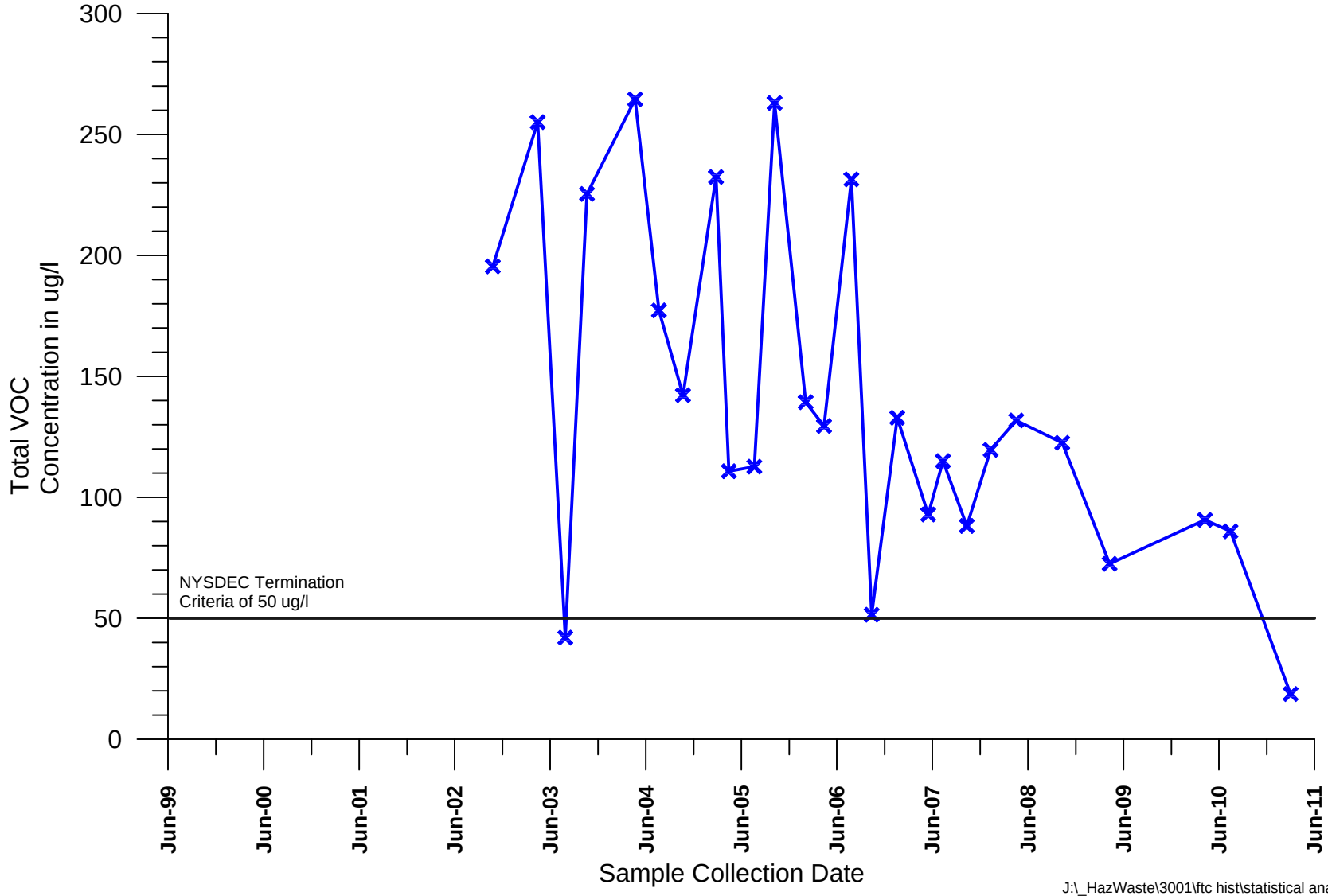
FIREMAN'S TRAINING CENTER
OFF-SITE MONITORING WELLS
TOTAL VOC DATA FOR WELL BP-3B

Figure
D-1



J:_HazWaste\3001\ftc hist\statistical analysis\graphs\BP-3C.grf

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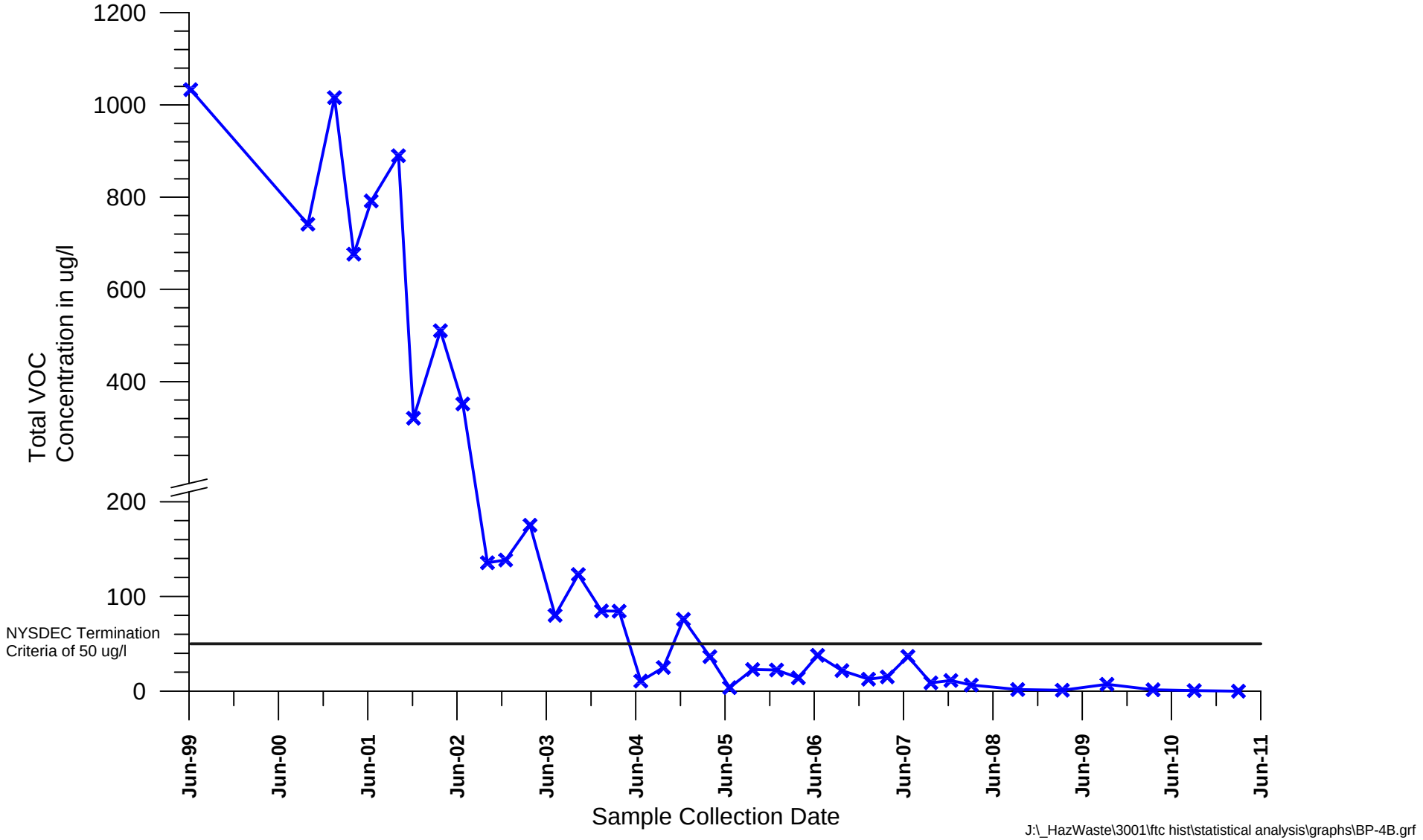
FIREMAN'S TRAINING CENTER
OFF-SITE MONITORING WELLS
TOTAL VOC DATA FOR WELL BP-3C

Figure
D-2



J:_HazWaste\3001\ftc hist\statistical analysis\graphs\BP-4B.grf

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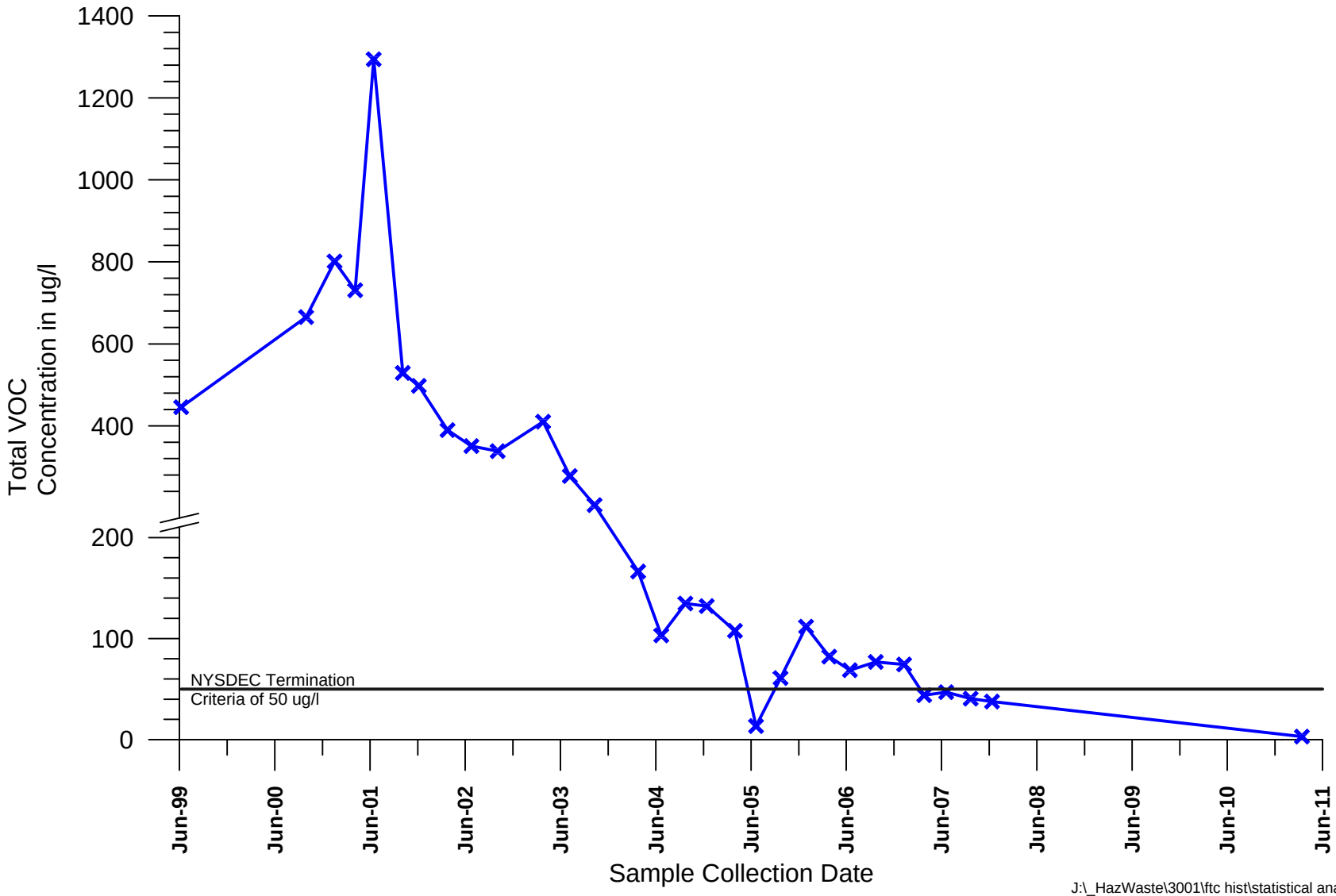
FIREMAN'S TRAINING CENTER
OFF-SITE MONITORING WELLS
TOTAL VOC DATA FOR WELL BP-4B

Figure
D-3



J:_HazWaste\3001\ftc hist\statistical analysis\graphs\BP-4C.grf

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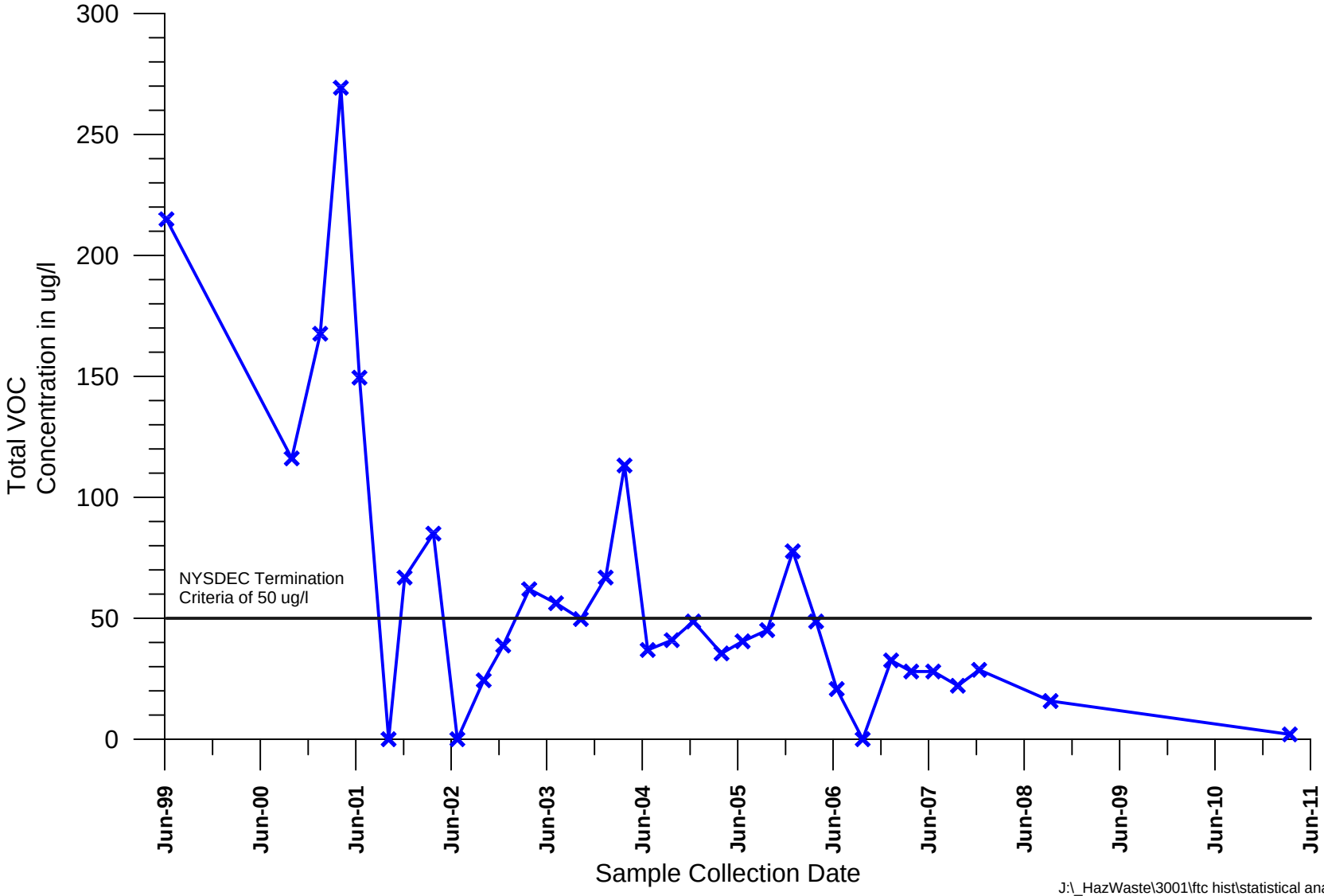
FIREMAN'S TRAINING CENTER
OFF-SITE MONITORING WELLS
TOTAL VOC DATA FOR WELL BP-4C

Figure
D-4



J:_HazWaste\3001\ftc hist\statistical analysis\graphs\BP-9B.grf

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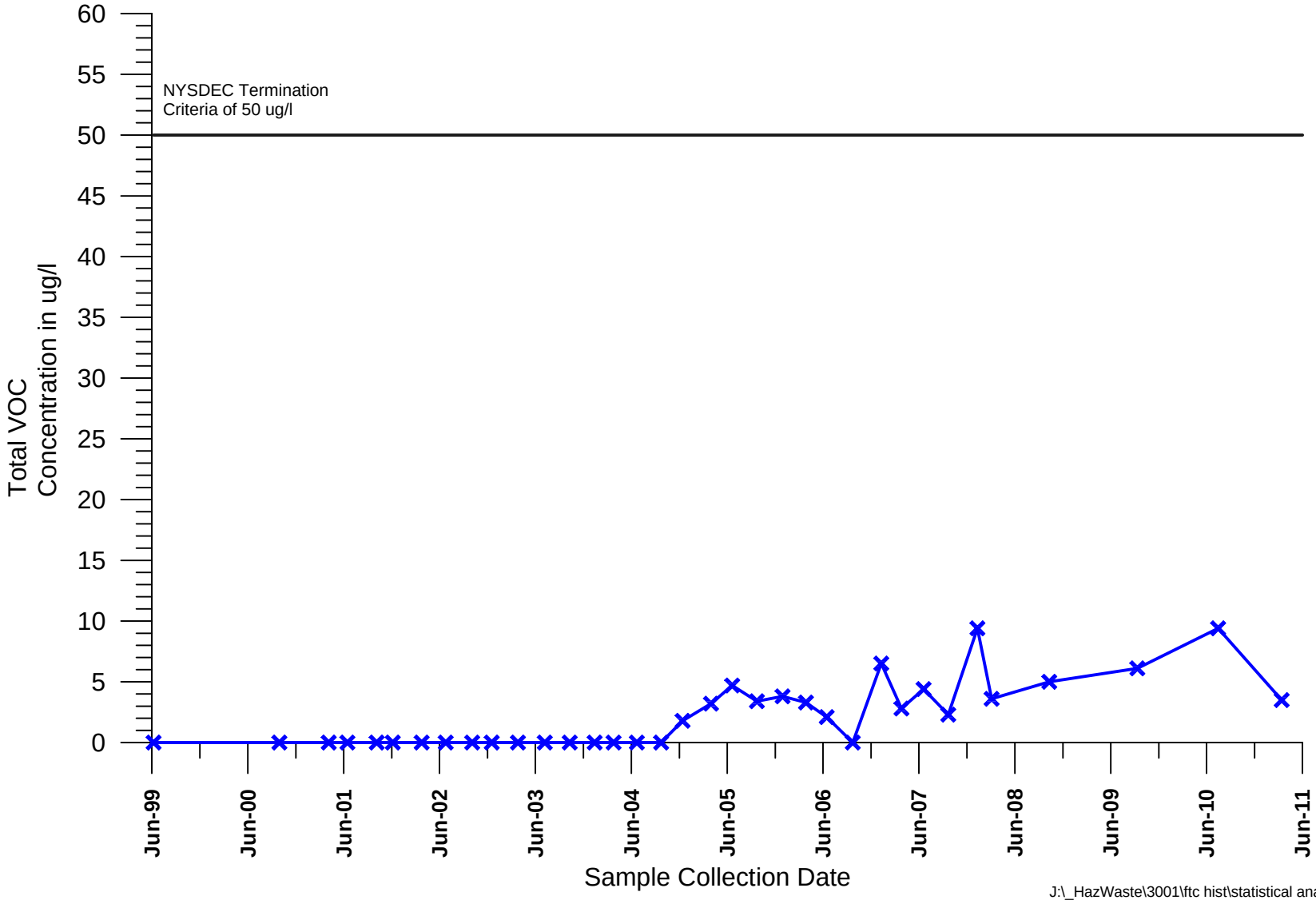
FIREMAN'S TRAINING CENTER
OFF-SITE MONITORING WELLS
TOTAL VOC DATA FOR WELL BP-9B

Figure
D-5



J:_HazWaste\3001\ftc hist\statistical analysis\graphs\BP-10C.grf

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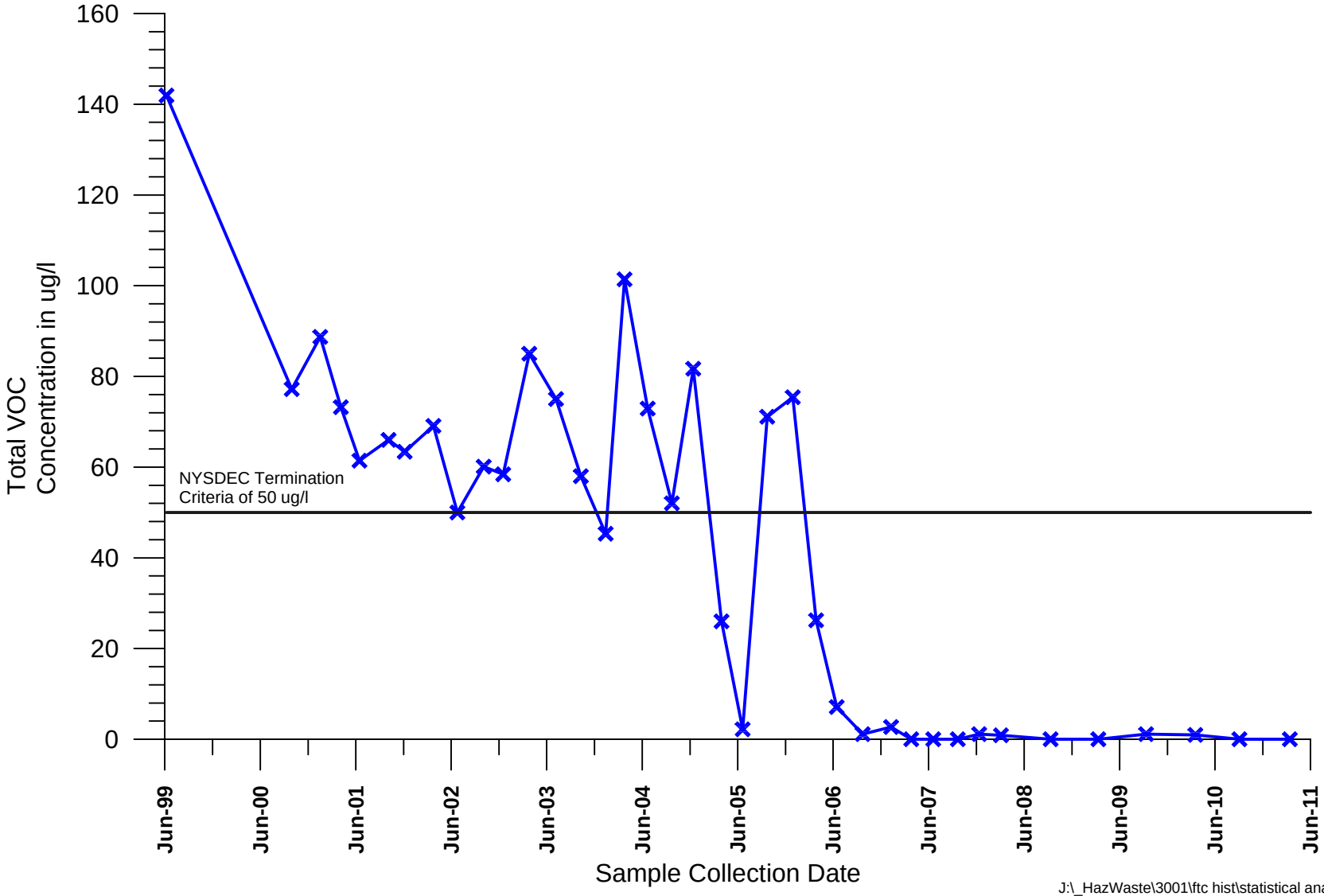
FIREMAN'S TRAINING CENTER
OFF-SITE MONITORING WELLS
TOTAL VOC DATA FOR WELL BP-10C

Figure
D-6



J:_HazWaste\3001\ftc hist\statistical analysis\graphs\BP-12B.grf

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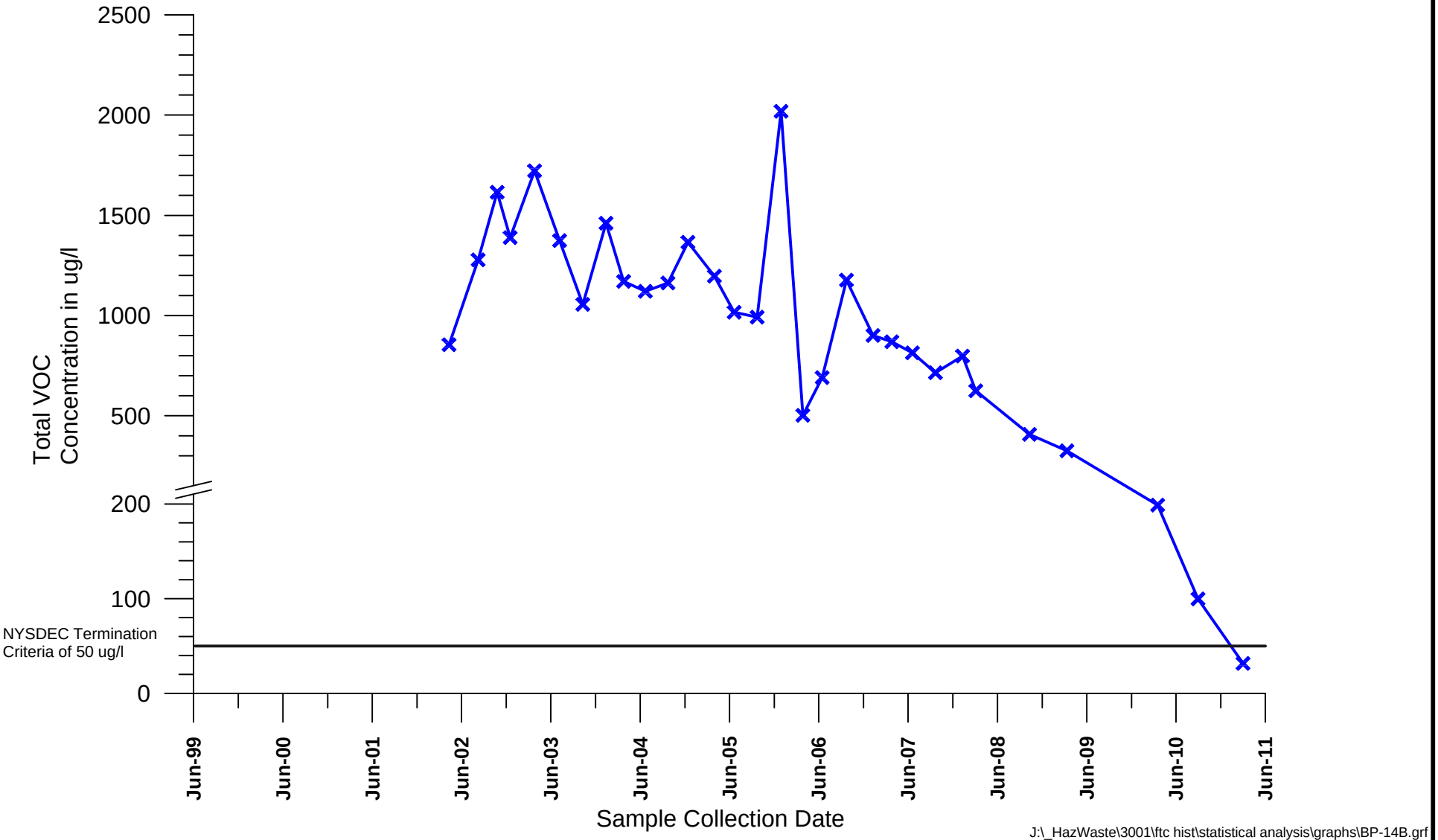
FIREMAN'S TRAINING CENTER
OFF-SITE MONITORING WELLS
TOTAL VOC DATA FOR WELL BP-12B

Figure
D-7



J:_HazWaste\3001\ftc hist\statistical analysis\graphs\BP-14B.grf

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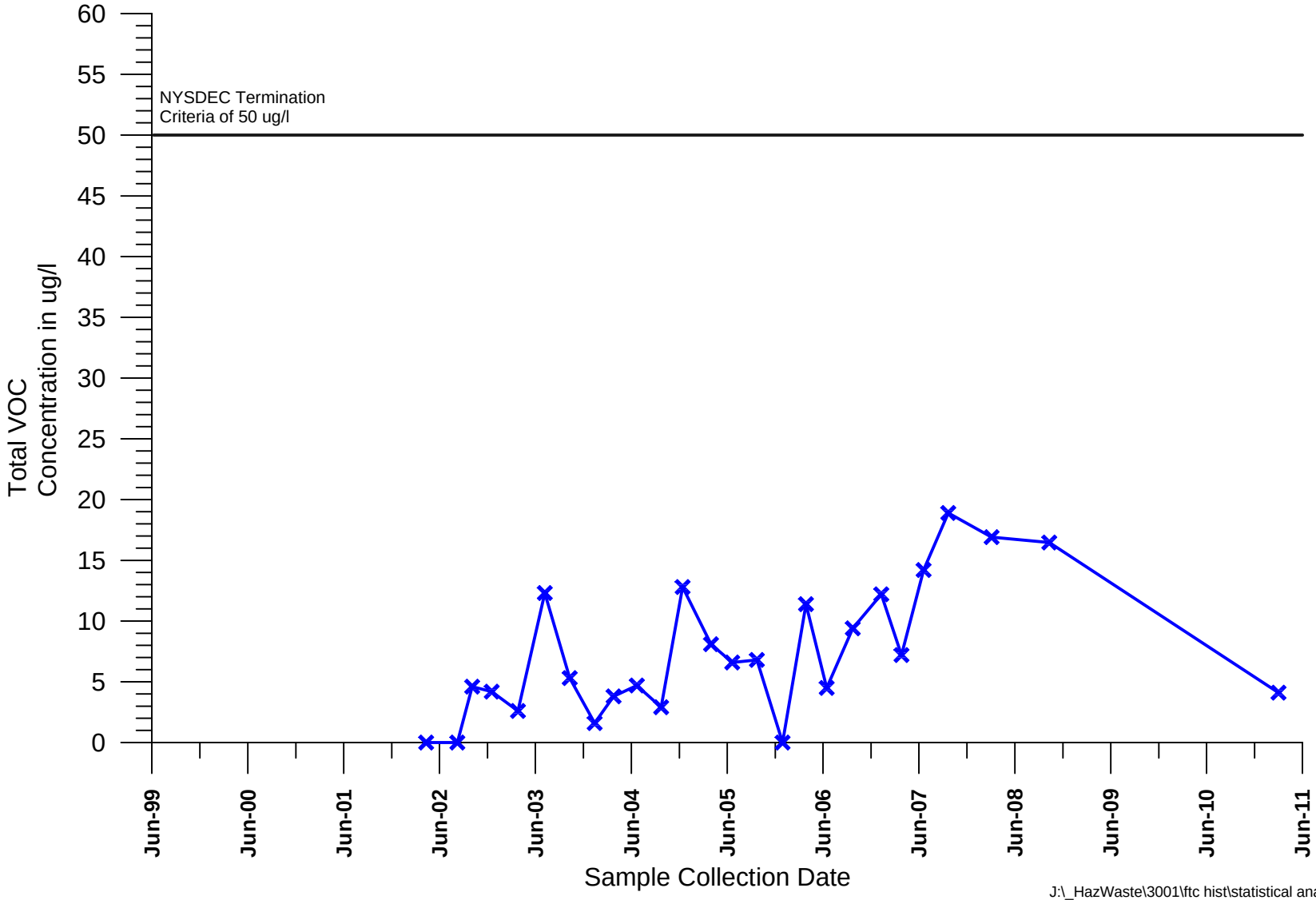
FIREMAN'S TRAINING CENTER
OFF-SITE MONITORING WELLS
TOTAL VOC DATA FOR WELL BP-14B

Figure
D-8



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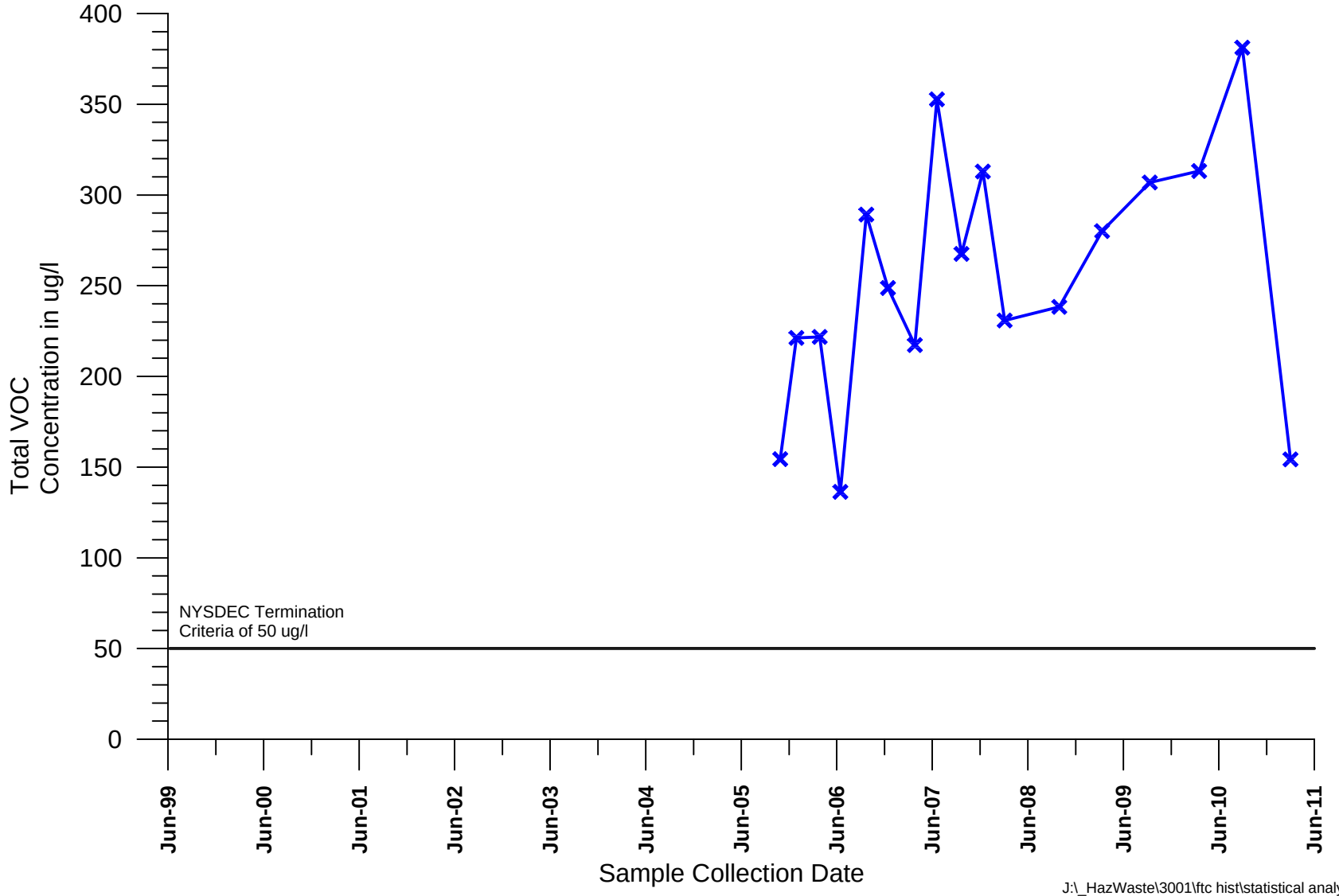
OFF-SITE MONITORING WELLS
TOTAL VOC DATA FOR WELL BP-14C

Figure
D-9



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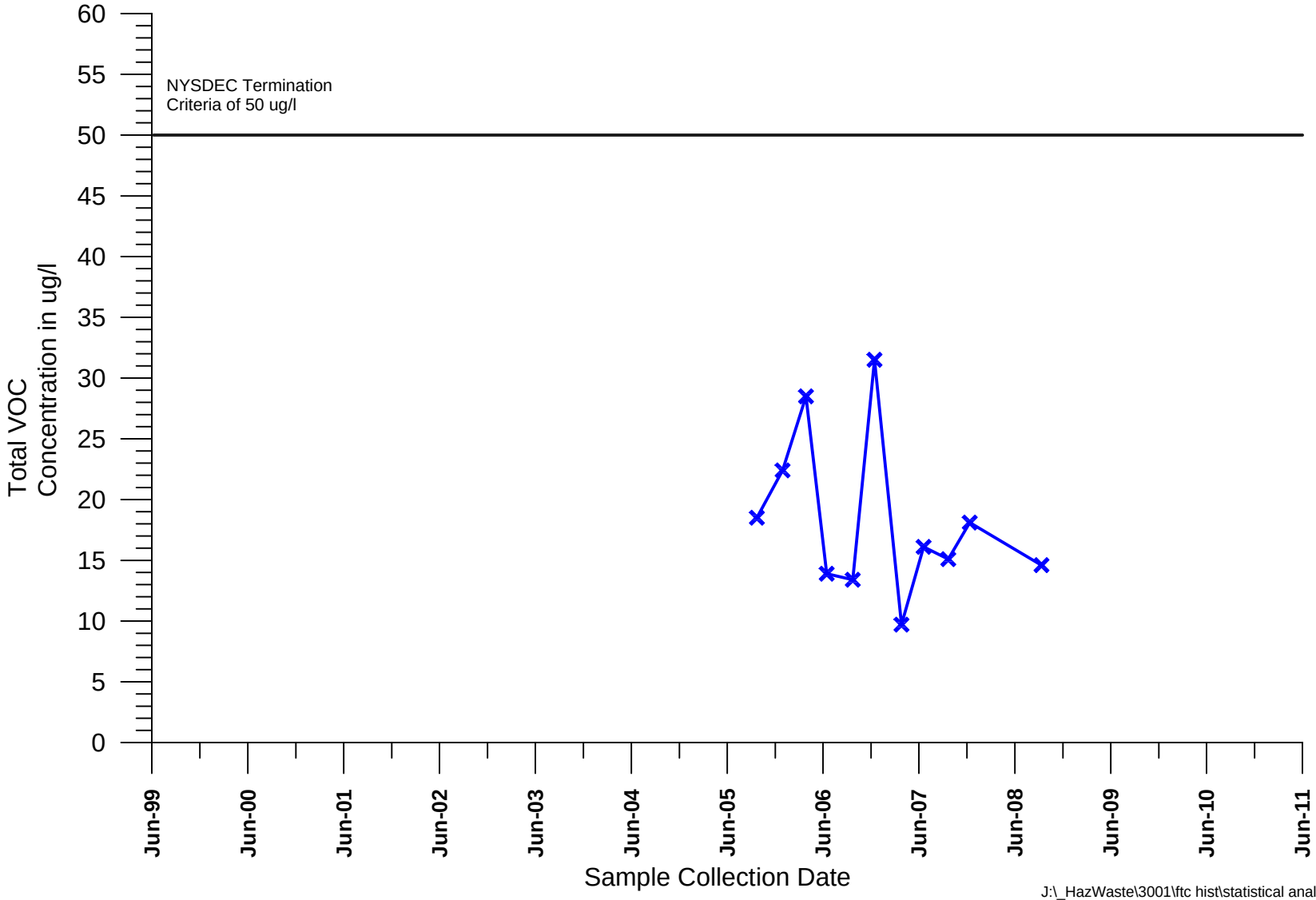
OFF-SITE MONITORING WELLS
TOTAL VOC DATA FOR WELL BP-15B

Figure
D-10



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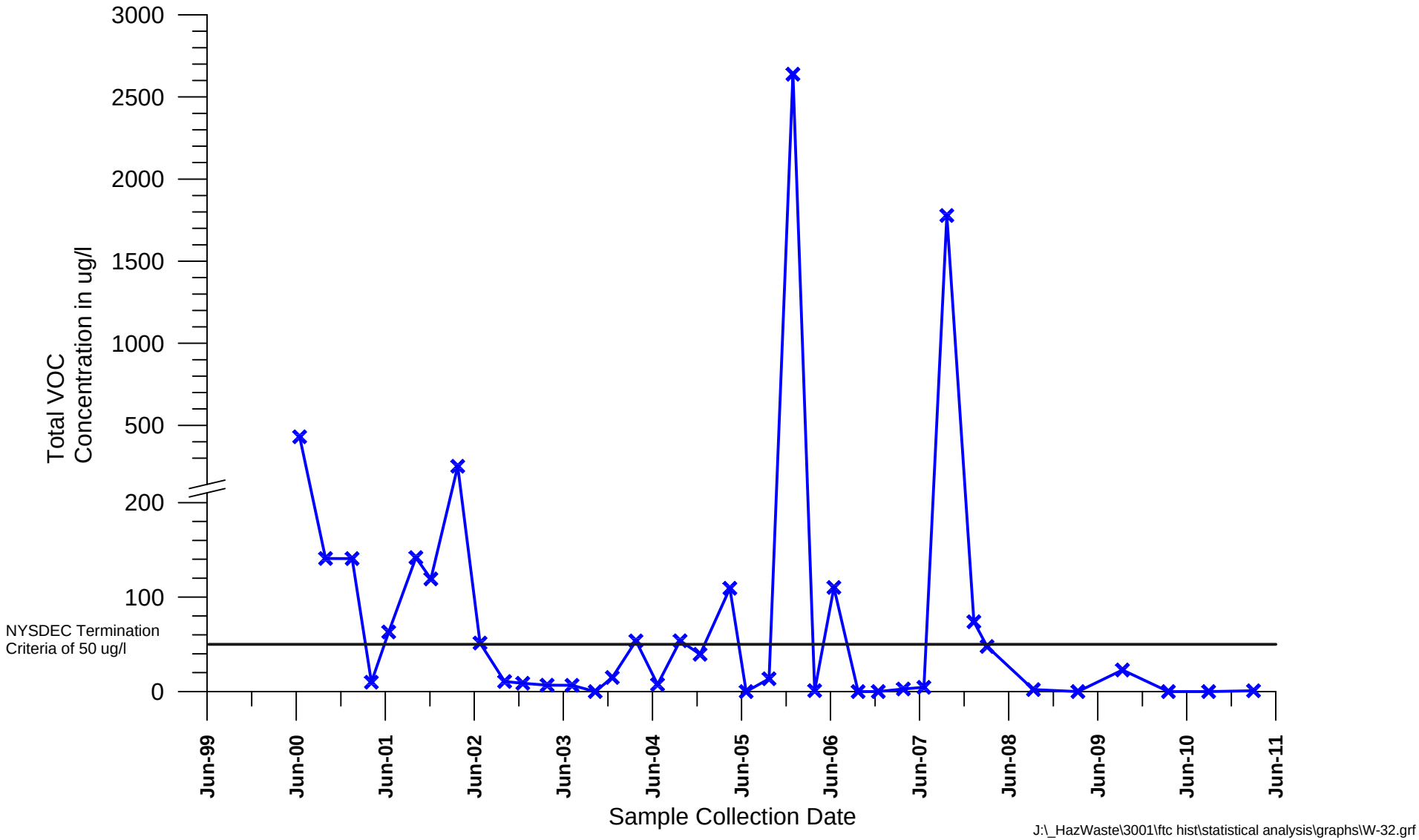
FIREMAN'S TRAINING CENTER
OFF-SITE MONITORING WELLS
TOTAL VOC DATA FOR WELL OBV-1C

Figure
D-11



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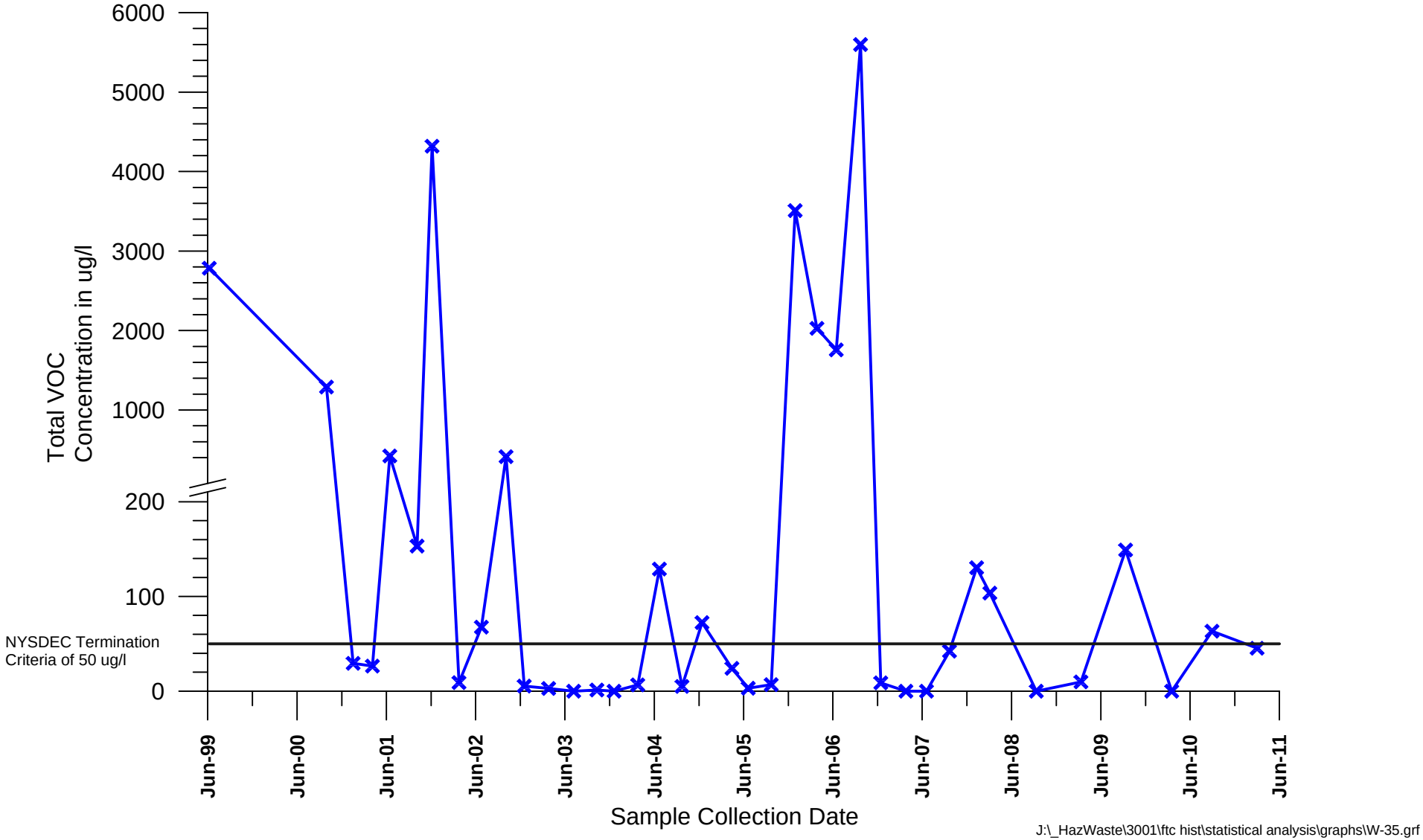
FIREMAN'S TRAINING CENTER
ON-SITE MONITORING WELLS
TOTAL VOC DATA FOR WELL W-32

Figure
D-12



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FIREMAN'S TRAINING CENTER
ON-SITE MONITORING WELLS
TOTAL VOC DATA FOR WELL W-35

Figure
D-13