N90845.PF.001455
NWIRP BETHPAGE
5090.3b

QUARTERLY OPERATIONS REPORT FIRST QUARTER 2013 SOIL VAPOR EXTRACTION CONTAINMENT SYSTEM FOR SITE 1 FORMER DRUM MARSHALLING YARD NWIRP BETHPAGE NY

10/1/2013

H&S ENVIRONMENTAL

Quarterly Operations Report
First Quarter 2013

Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant
Bethpage, New York

Contract No. N40085-10-D-9409
Contract Task Order No. 0005

October 2013

Prepared for:

Naval Facilities Engineering Command Mid-Atlantic
9742 Maryland Avenue
Norfolk, VA 23511

Prepared by:

H&S Environmental, Inc.
160 East Main Street, Suite 2F
Westborough, Massachusetts 01581
(508) 366-7442

Quarterly Operations Report
First Quarter 2013

Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant
Bethpage, New York

Contract No. N40085-10-D-9409
Contract Task Order No. 0005

October 2013

Prepared for:

Naval Facilities Engineering Command Mid-Atlantic
9742 Maryland Avenue
Norfolk, VA 23511

10/23/13

Patrick Schauble, P.E. — Date
Program Manager

10/23/13

Jennifer Good, P.G. — Date
Project Manager

TABLE OF CONTENTS

1.0 INTRODUCTION 1-1

1.1 Site Location 1-1
1.2 Background 1-1
1.3 Project Overview and Objective 1-2
1.4 SVECS Overview 1-2

2.0 SVECS OPERATION AND MAINTENANCE 2-1

2.1 Routine Maintenance Activities 2-1
2.2 Non-routine Maintenance / Site Activities 2-1

3.0 SVECS MONITORING 3-1

3.1 Monthly Air Quality Monitoring 3-1
3.2 Quarterly Air Quality Monitoring of SVEWs 3-1
3.3 Quarterly Vapor Monitoring of SVEWs and Off-site SVPMs 3-2
3.4 Annual Vapor Quality Monitoring of Off-site SVPMs 3-2
3.5 Soil Vapor Quality Concentration Trends 3-3

4.0 CONCLUSIONS AND RECOMMENDATIONS 4-1

5.0 REFERENCES 5-1

TABLES

TABLE 1 Monthly Vapor Analytical Results – January 2013
TABLE 2 Monthly Vapor Analytical Results – February 2013
TABLE 3 Monthly Vapor Analytical Results – March 2013
TABLE 4 Quarterly Vapor Analytical Results of SVE Wells – First Quarter 2013
TABLE 5 Quarterly Vapor Analytical Results of SVE Wells through First Quarter 2013
TABLE 6 Quarterly Off-site Soil Vapor Monitoring Results of SVPMs – First Quarter 2013
TABLE 7 Quarterly Off-site Soil Vapor Monitoring Results of SVPMs through First Quarter 2013
TABLE 8 Annual Off-site Soil Vapor Analytical Results of SVPMs – January 2013

FIGURES

FIGURE 1 Site Location Map
FIGURE 2 Site Area and Vicinity
FIGURE 3 Site Plan – Existing SVECS Layout
FIGURE 4 System Layout Plan

FIGURE 5 First Quarter 2013 Vapor Analytical Map – Select VOC Concentrations - SVEWs

FIGURE 6 First Quarter 2013 Vacuum Readings – SVPMs

APPENDICES

APPENDIX A NYSDEC Air Permit Equivalent Approval

APPENDIX B Data Validation Reports and Validated Data Summary – SVPMs

APPENDIX C Vapor Concentration Trend Graphs of Select VOCs

Acronyms and Abbreviations

bgs	below ground surface
CTO	Contract Task Order
DAR	Division of Air Resources
DoD	Department of Defense
ELAP	Environmental Laboratory Accreditation Program
FMS	Flow Monitoring Station
GOCO	Government Owned Contractor Operated
H&S	H&S Environmental, Inc.
i.w.	inches of water column
NAVFAC	Naval Facilities Engineering Command Mid-Atlantic
NELAC	National Environmental Accreditation Conference
NG	Northrop Grumman
NWIRP	Naval Weapons Industrial Reserve Plant
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
O&M	Operation and Maintenance
PCB	polychlorinated biphenyls
PCE	tetrachloroethene
PID	photoionization detector
QA/QC	quality assurance / quality control
scfm	standard cubic feet per minute
SVECS	soil vapor extraction containment system
SVEW	soil vapor extraction well
SVOC	semi-volatile organic compound
SVPM	soil vapor pressure monitor
TCA	trichloroethane
TCE	trichloroethene
TCL	target compound list
TtEC	Tetra Tech EC, Inc.
TtNUS	Tetra Tech NUS, Inc.
VGAC	vapor–phase granular activated carbon
VOC	volatile organic compound

1.0 INTRODUCTION

H&S Environmental, Inc. (H&S) has prepared this Quarterly Operations Report for the First Quarter 2013 for the Soil Vapor Extraction Containment System (SVECS) at Site 1, Former Drum Marshalling Area, at the Naval Weapons Industrial Reserve Plant (NWIRP) in Bethpage, New York. This report has been prepared for the U.S. Department of the Navy (Navy), Naval Facilities Engineering Command (NAVFAC), Mid-Atlantic, under Contract No. N40085-10-D-9409, Contract Task Order (CTO) No. 0005. This First Quarter 2013 Operations Report details activities that occurred from January 2013 to March 2013. Data was collected and operational activities were performed by H&S in accordance with the following documents:

- *Final Operation & Maintenance Plan for Soil Vapor Extraction Containment System Site 1, Former Drum Marshalling Yard at Naval Weapons Industrial Reserve Plant Bethpage, New York* prepared by Tetra Tech EC, Inc. (TtEC) in 2010, hereafter referred to as the "O&M Manual."

- *Final Supplemental Offsite Soil Vapor Intrusion Monitoring Plan for the Soil Vapor Extraction Containment System, Site 1, Former Drum Marshalling Yard at Naval Weapons Industrial Reserve Plant, Bethpage, New York* prepared by Tetra Tech NUS, Inc. (TtNUS) in 2012.

1.1 Site Location

NWIRP Bethpage is located in east central Nassau County, Long Island, New York, approximately 30 miles east of New York City. The Navy's property totaled approximately 109.5 acres and was formerly a Government Owned Contractor-Operated (GOCO) facility that was operated by Northrop Grumman (NG) until September 1998. NWIRP Bethpage is bordered on the north, west, and south by property owned, or formerly owned, by NG that covered approximately 520 acres, and on the east by a residential neighborhood. Site 1 lies within the fenced area of NWIRP Bethpage and is located east of Plant No. 3, west of 11th Street, and north of Plant 17 South (**Figures 1 and 2**).

1.2 Background

NWIRP Bethpage was established in 1943. Since inception, the primary mission of the facility has been the research, prototyping, testing, design engineering, fabrication, and primary assembly of military aircraft. Historical operations that resulted in hazardous material generation at the facility included metal finishing processes, maintenance operations, painting of aircraft and components, and other activities that involve aircraft manufacturing. Wastes generated by plant operations were disposed of directly into drainage sumps, dry wells, and/or on the ground surface, resulting in the disposal of a number of hazardous wastes, including volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and inorganic analytes (chromium and cadmium) at the site. Some of these contaminants have migrated from the source area to surrounding areas, including the soils at these sites and the groundwater beneath and downgradient of the NWIRP Bethpage property. NWIRP Bethpage is currently listed by the New York State Department of Environmental Conservation (NYSDEC) as an "inactive hazardous waste site" (#1-30-003B).

Soils at Site 1 consist mainly of unconsolidated sediments that overlie crystalline bedrock. A clay unit is present near the groundwater table (50 feet below ground surface [bgs]) at the southeast corner of the site. This clay unit is suspected to be a source of chlorinated solvents that are migrating into the overlying soil gas and the source of off-site VOCs in soil vapor (TtEC 2010).

Chlorinated solvents including trichloroethene (TCE), tetrachloroethene (PCE), and 1,1,1-trichloroethane (TCA) have been identified as the VOCs of interest in soil gas at the site. Concentrations greater than 1,000 $\mu g/m^3$ (micrograms per cubic meter) of soil vapor have been directly associated with Site 1 activities and historical environmental data, and based on preliminary screening, exceed guidelines established by the New York State Department of Health (NYSDOH) for sub-slab soil vapor concentrations. Of these compounds, TCE is the primary VOC of concern. Mitigation of TCE contamination in accordance with NYSDOH guidance is expected to remediate other VOCs associated with the site. PCBs, cadmium, and chromium have also been identified in site soils at concentrations requiring remediation. The majority of these chemicals has been detected in the central portion of Site 1 and will be addressed via a separate remediation (TtEC 2010).

Prior to implementation of the SVECS, the mean concentrations of VOCs in soil gas samples collected along the eastern fence-line were 41,128 $\mu g/m^3$ of TCE, 381 $\mu g/m^3$ of PCE, and 20,634 $\mu g/m^3$ of 1,1,1-TCA. The maximum concentrations of VOCs in the soil gas samples were 180,000 $\mu g/m^3$ of TCE, 1,200 $\mu g/m^3$ of PCE, and 90,000 $\mu g/m^3$ of 1,1,1-TCA (TtEC 2010).

1.3 Project Overview and Objective

The remedial objective for this project is to use an on-site soil vapor extraction system to prevent further off-site migration of VOC contaminated soil vapor and to the extent practical, capture contaminated soil vapor with a TCE concentration greater than 250 $\mu g/m^3$. A secondary objective of this project is to address soil vapor with a TCE concentration greater than 5 $\mu g/m^3$. The SVECS is an interim action intended to address migration of VOCs in contaminated soil vapors and has been designed for a four-year operational life; it is expected to operate continuously 24 hours/day, seven days/week, with the exception of maintenance and adjustment periods (TtEC 2010).

1.4 SVECS Overview

The SVECS consists of soil vapor extraction, soil vapor monitoring, and soil vapor treatment. Twelve SVE wells (SVEWs) are located along the eastern boundary of Site 1 in six clusters, each consisting of one intermediate well and one deep well. Intermediate wells SVE-101I, SVE-102I, SVE-103I, SVE-104I, SVE-105I, and SVE-106I have a screened interval between 25 and 35 ft bgs. Deep wells SVE-101D, SVE-102D, SVE-103D, SVE-104D, SVE-105D, and SVE-106D have a screened interval between 40 and 60 ft bgs. The groundwater table fluctuates between approximately 50 and 55 feet bgs. Each SVEW is operated at a flow rate such that the combined total flow rate is approximately 400 standard cubic feet per minute (scfm) of soil vapor. Each intermediate depth SVEW requires an approximate vacuum of 4 inches of water column (i.w.) and each deep SVEW requires an approximate vacuum of 20 i.w. in order to extract the targeted flow rates. These twelve SVEWs have been piped below the ground to the Flow Monitoring Station (FMS), where flow, vacuum, and vapor quality are monitored. Within the FMS, the

discharges from the individual SVEWs have been equipped with a 2-inch flow control butterfly valve, a vacuum gauge, and a sampling port. The sampling port is utilized to measure the flow rate from an individual well using a portable velocity meter and to collect vapor samples. All the SVE lines collect into a single manifold within the FMS and from this location a single underground pipeline has been routed approximately 1,400 linear feet to the Treatment Building (Building 03-35). Five additional SVEWs (SV-107D, SV-108D, SV-109D, SV-110D, and SV-11D) were installed in October 2011 to address potential VOCs under Plant No. 3 and the South Warehouse. A site plan depicting well locations is included as **Figure 3**.

The SVECS is housed within the Treatment Building, an existing and unoccupied building also known as Building 03-35. The treatment system consists of a moisture separator, two SVE blowers, and a 5,000-lb vapor-phase granular activated carbon (VGAC) unit for removal of chlorinated VOCs from the off-gas. Soil vapor that enters the Treatment Building first passes through the moisture separator tank where any condensate is separated. To date, no condensate has formed in this tank. The vapor is then passed through an air filter and SVE blower and then treated in the VGAC unit. The treated vapor is discharged from the VGAC via an exhaust stack. The SVECS has a control panel comprised of mechanical interlocks and relays for local operation. A System Layout Plan is presented in **Figure 4**, which also illustrates the design flow rates through the soil vapor extraction and treatment process.

The off-gas from the SVECS is monitored for chlorinated VOCs as identified in the NYSDEC Division of Air Resources (DAR) permit equivalent effluent limitations (**Appendix A**) and monitoring requirements (TtEC 2010). Samples are submitted to a National Environmental Laboratory Accreditation Conference (NELAC)-accredited, Department of Defense (DoD) Environmental Laboratory Accreditation Program (ELAP)-certified laboratory, Air Toxics, Inc. located in Folsom, CA, for analysis of target compound list (TCL) VOCs, including PCE, 1,1,1-TCA, and TCE , by modified method TO-15.

A total of 18 soil vapor pressure monitor (SVPM) / soil gas monitoring points have been installed in the neighborhood east of Site 1 at NWIRP Bethpage (**Figure 3**). These off-site monitoring points consist of eight previously existing SVPMs as well as 10 SVPMs installed in September 2012. Pressure readings from the SVPMs are collected quarterly and used to evaluate the SVECS vacuum field. In addition, analytical results of vapor samples collected annually from these locations and the pressure readings are used to further evaluate the SVECS operation and the potential for vapor intrusion.

2.0 SVECS OPERATION AND MAINTENANCE

While designed to run autonomously, the SVECS requires regular visits by an operator to record and adjust operational parameters and to perform scheduled maintenance. The SVECS is equipped with telemetry that will alert an on-call operator in the event of a plant shutdown.

2.1 Routine Maintenance Activities

Routine maintenance activities at the SVECS were performed during the operator's weekly visits during this reporting period. These activities include general site inspections (of the grounds, buildings, doors and locks), collection of operational data (vapor flowrates, pressures, vacuums, temperature and photoionization detector [PID] readings), adjustment of system valves, collection of vapor samples (on a monthly and quarterly basis), collection/disposal of condensate if needed, cleaning of filters, switching of lead/lag blower assignments, and preventive maintenance of system equipment.

2.2 Non-routine Maintenance / Site Activities

No non-routine activities or repair items of note were performed during this quarterly reporting period.

3.0 SVECS MONITORING

Several process vapor samples are collected on a monthly basis to monitor the SVECS operation. These samples consist of an influent sample (as well as a duplicate sample), located immediately prior to the VGAC unit, and an effluent sample, located after the VGAC unit and before the exhaust stack. Vapor samples are also collected from the 12 original SVEWs on a quarterly basis to monitor the capture of the contaminated soil vapor by the SVEWs. In addition, quarterly pressure measurements are collected from the SVEWs and SVPMs to monitor the SVECS vacuum field, and soil gas sampling for SVPMs is conducted annually (generally in the winter time-frame) to evaluate the effectiveness of the SVECS. The first annual soil gas sampling event was conducted in the winter 2012-2013, and samples were collected from the 18 SVPMs in January 2013, as discussed in Section 3.4 below.

3.1 Monthly Air Quality Monitoring

Analysis of influent and effluent vapor sample locations is performed to evaluate VOC mass removal and the effectiveness of the VGAC adsorption unit. Time-integrated vapor samples are collected using 6-L summa canisters with 30-minute flow regulators.

Treated off-gas discharged at the exhaust stack is subject to emissions limitations and associated calculations approved by the NYSDEC DAR in February 2010. A copy of the NYSDEC approved calculations is presented in the Air Permit Equivalent included as **Appendix A**.

A summary of monthly vapor sampling results collected in January, February, and March (First Quarter) is presented in **Tables 1, 2, and 3**, respectively. Emission rate calculations for both the influent stream (prior to VGAC treatment) and effluent stream (following VGAC treatment) and estimated monthly mass recoveries are also presented. Emission rates of the influent stream are calculated to monitor progress and determine when influent concentrations have reached levels at which vapor treatment via carbon adsorption is no longer required. The data presented in **Tables 1, 2, and 3** demonstrate that all constituents were within the effluent emission rates (**Appendix A)**. Raw analytical data is provided under a separate cover.

3.2 Quarterly Air Quality Monitoring of SVEWs

Time-integrated vapor samples are collected quarterly using 6-L summa canisters with 30-minute flow regulators at six intermediate and six deep SVE wells. The samples are collected for the purpose of tracking and documenting the performance of the SVECS (TtEC 2010).

Quarterly vapor samples were collected on 15 January from the 12 SVEWs. A summary of detected compounds is included as **Table 4**. Analytical results of select VOCs (1,1,1-TCA, PCE, and TCE) detected at the 12 SVEWs during the First Quarter monitoring event are presented graphically as **Figure 5**. Raw analytical data is provided under a separate cover. Historical analytical results of quarterly vapor samples collected from December 2009 through the First Quarter 2013 are presented in **Table 5**.

3.3 Quarterly Vapor Monitoring of SVEWs and Off-site SVPMs

Pressure readings are collected quarterly from the 12 SVEWs and 18 SVPMs in order to monitor the SVECS vacuum field. Valve positions of the SVEWs are also recorded at this time. Pressure readings from the 18 SVPMs were collected both before and after the collection of soil gas samples from these locations, on 15 January and 16 January, respectively. Results of the First Quarter vapor monitoring are presented in **Table 6**. As indicated, vacuum/soil vapor pressure measurements ranged from (-) 0.01 to (-) 0.04 i.w. during the First Quarter monitoring event. Pressure readings from the 18 SVPMs are presented graphically as **Figure 6**.

Historical results of quarterly vapor monitoring from Third Quarter 2012 through First Quarter 2013 are presented in **Table 7**.

3.4 Annual Vapor Quality Monitoring of Off-site SVPMs

Time-integrated vapor samples are collected annually using 6-L summa canisters with 30-minute flow regulators at 18 SVPM locations.

3.4.1 Vapor Quality Results

Annual vapor samples were collected on 15-16 January from the 18 SVPM locations. Validated analytical results of samples collected in January 2013 are summarized in **Table 8**. As indicated, 1,1,1-TCA was detected in only one location, SVPM-2007D, at a concentration of 1.3 J µg/m3. PCE was detected at 11 of the 18 locations, with concentrations ranging from 0.97 J µg/m3 at SVPM-2003I to 2.3 J µg/m^3 at SVPM-2004D. TCE was detected at seven of the 18 locations, with concentrations ranging from 4.9 µg/m3 at SVPM-2003S to 47 µg/m3 at SVPM-2006I. All detected concentrations were well below the NYSDOH sub-slab screening values of 1,000 µg/m^3 for 1,1,1-TCA, 1,000 µg/m^3 for PCE, and 250 µg/m^3 for TCE.

Data validation reports and a validated analytical data summary are presented in **Appendix B**. Raw analytical data is provided under separate cover.

3.4.2 Quality Assurance/Quality Control Sampling

Quality assurance/quality control (QA/QC) samples were collected during the annual off-site vapor monitoring event in accordance with the *Final Supplemental Offsite Soil Vapor Intrusion Monitoring Plan* (TtNUS 2012). These samples consisted of blind field duplicates (collected from SVPM 2001D and SVPM 2007D) and field blanks as ambient air samples.

For field blanks, ambient air samples were collected simultaneously during the soil gas sampling to evaluate potential chemicals in the local ambient air. The 6-L summa canister was positioned at an upwind location at a height of four feet above grade. The ambient air sample was obtained over an eight-hour period for each day that routine samples were collected.

For field duplicate samples, the precision between the original sample and its duplicate is evaluated by calculating the relative percent difference (RPD). RPDs for the First Quarter sampling event are presented in the data validation report in **Appendix B**. As indicated, RPDs for all analytes were well below the guideline of 50% with the exception of TCE for duplicate pair SVPM2007D / DUP02. This

elevated RPD of 61.9% is likely the result of low estimated values of the analyte and not indicative of date precision concerns. The overall consistency between the samples and its duplicate verifies that proper sample collection methods were followed.

3.5 Soil Vapor Quality Concentration Trends

Historical vapor analytical results for the 12 SVEWs through the First Quarter are presented in **Table 5**. In addition, concentration trends of select VOCs over time for the SVECS combined influent (1,1,1-TCA, PCE, TCE, and total VOCs) and each of the 12 SVEWs (1,1,1-TCA, PCE, and TCE) are presented in **Appendix C**.

Concentration trends observed in the 12 SVEWs through the First Quarter are discussed below. In general, unless otherwise indicated, concentrations of 1,1,1-TCA, PCE, and TCE exhibited similar trends at each given location.

- Combined Influent: Overall VOC concentrations in the combined influent decreased slightly throughout the First Quarter, with total VOC concentrations of 2,788 µg/m^3, 2,492 µg/m^3, and 2,244 µg/m^3 in January, February, and March, respectively. Overall concentrations remain well below baseline concentrations observed in December 2009 when a total VOC concentration of 63,650 µg/m^3 was observed.

- SV-101I: Concentrations observed at this location decreased somewhat in the First Quarter from concentrations observed in the latter half of 2012, with concentrations of 8,100 µg/m^3 TCE, 80 µg/m^3 PCE, and 3,400 µg/m^3 1,1,1-TCA. All concentrations remain well below baseline concentrations observed in December 2009 (180,000 µg/m^3 TCE, 1,700 µg/m^3 PCE, and 51,000 µg/m^3 1,1,1-TCA), which were also peak concentrations observed to date.

- SV-101D: Concentrations observed at this location decreased in the First Quarter from concentrations observed in 2012, with concentrations of 120 µg/m^3 TCE, 130 µg/m^3 PCE, and non-detectable levels of 1,1,1-TCA. All concentrations remain well below baseline concentrations observed in December 2009 (100,000 µg/m^3 TCE, 3,200 µg/m^3 PCE, and 26,000 µg/m^3 1,1,1-TCA), which were also peak concentrations observed to date.

- SV-102I: First Quarter concentrations (10 µg/m^3 TCE, 2.4 µg/m^3 PCE, and non-detectable 1,1,1-TCA) are similar to those observed in 2012. Though First Quarter concentrations are slightly above baseline concentrations observed in December 2009 (5.6 µg/m^3 TCE, 2.4 µg/m^3 PCE, and non-detectable 1,1,1-TCA), the concentrations are well below peak concentrations observed in June 2010 (300 µg/m^3 TCE, 17 µg/m^3 PCE, and 13 µg/m^3 1,1,1-TCE).

- SV-102D: Concentrations observed at this location decreased in the First Quarter from concentrations observed in 2012, reaching the lowest levels observed thus far, with concentrations of 6.5 µg/m^3 TCE, 0.96 µg/m^3 PCE, and non-detectable levels of 1,1,1-TCA. Concentrations remain well below baseline concentrations observed in December 2009 (440 µg/m^3 TCE, 10 µg/m^3 PCE, and 130 µg/m^3 1,1,1-TCA), and also well below peak concentrations observed in December 2009 and October 2011.

- SV-103I: Concentrations observed at this location decreased in the First Quarter from concentrations observed in 2012, with concentrations of 16 µg/m3 TCE, 40 µg/m3 PCE, and non-detectable levels of 1,1,1-TCA. Concentrations remain well below baseline concentrations observed in December 2009 (900 µg/m^3 TCE, 580 µg/m^3 PCE, and 900 µg/m^3 1,1,1-TCA), and also well below peak concentrations observed in December 2009 and October 2011.

- SV-103D: Concentrations observed at this location decreased in the First Quarter from concentrations observed in 2012, with concentrations of 6.0 µg/m^3 TCE, 1.6 µg/m^3 PCE, and non-detectable levels of 1,1,1-TCA Concentrations remain well below baseline concentrations observed in December 2009 (3,100 µg/m^3 TCE, 20,000 µg/m^3 PCE, and 3,000 µg/m^3 1,1,1-TCA), and also well below peak concentrations observed in December 2009 and March 2010.

- SV-104I: Concentrations observed at this location remained very low in the First Quarter, with concentrations of 3.1 µg/m^3 TCE, 4.8 µg/m^3 PCE, and non-detectable levels of 1,1,1-TCA. All concentrations remain well below baseline concentrations observed in December 2009 (710 µg/m^3 TCE, 3,100 µg/m^3 PCE, and 730 µg/m^3 1,1,1-TCA).

- SV-104D: Concentrations observed at this location in the First Quarter remained relatively consistent with concentrations observed in 2012, with concentrations of 2,100 µg/m^3 TCE, 4,200 µg/m^3 PCE, and 820 µg/m^3 1,1,1-TCA. All concentrations remain below baseline concentrations observed in December 2009 (4,600 µg/m^3 TCE, 20,000 µg/m^3 PCE, and 3,600 µg/m^3 1,1,1-TCA) and also well below peak concentrations observed in December 2009 and March 2010.

- SV-105I: Concentrations observed at this location in the First Quarter remained relatively consistent with concentrations observed in 2012, with concentrations of 160 µg/m^3 TCE, 66 µg/m^3 PCE, and 22 µg/m^3 1,1,1-TCA. Though these concentrations are above baseline concentrations observed in December 2009 for TCE and 1,1,1-TCA (76 µg/m^3 TCE, 70 µg/m^3 PCE, and 9.9 µg/m^3 1,1,1-TCA), they are below peak concentrations observed in June 2010 (370 µg/m^3 TCE, 240 µg/m^3 PCE, and 29 µg/m^3 1,1,1-TCA).

- SV-105D: Concentrations observed at this location in the First Quarter remained relatively consistent with concentrations observed in 2012, with concentrations of 3,800 µg/m^3 TCE, 330 µg/m^3 PCE, and 430 µg/m^3 1,1,1-TCA. Though these concentrations are above baseline concentrations observed in December 2009 for TCE (1,700 µg/m^3 TCE, 2,100 µg/m^3 PCE, and 550 µg/m^3 1,1,1-TCA), they are below peak concentrations observed for all three analytes , including TCE (7,000 µg/m^3 TCE in December 2011).

- SV-106I: Concentrations observed at this location in the First Quarter remained relatively consistent with concentrations observed in 2012, with concentrations of 110 µg/m^3 TCE, 7.0 µg/m^3 PCE, and non-detectable levels of 1,1,1-TCA. All concentrations remain well below baseline concentrations observed in December 2009 (1,900 µg/m^3 TCE, 390 µg/m^3 PCE, and 220 µg/m^3 1,1,1-TCA), which were also peak concentrations observed to date.

- SV-106D: Concentrations observed at this location in the First Quarter fell to non-detectable levels for all three analytes. This is well below baseline concentrations observed in December

2009 (3,400 µg/m^3 TCE, 720 µg/m^3 PCE, and 340 µg/m^3 1,1,1-TCA), which were also peak concentrations observed to date.

4.0 CONCLUSIONS AND RECOMMENDATIONS

As stated previously, the intent of the Site 1 SVECS is to prevent further off-site migration of VOC contaminated soil vapor and to the extent practical, capture soil vapor with elevated TCE concentrations. Based on the presence of a vacuum field and the reduction of VOC concentrations to less than the screening values in the off-property area, the SVECS is functioning as designed. Influent vapor analytical data with concentrations of TCE consistently greater than 250 µg/L indicate that the SVECS should continue to be operated on a full-time basis to achieve continued capture of contaminated soil vapor. Monthly monitoring of the combined influent and effluent as well as quarterly monitoring of individual SVEWs should continue. Quarterly and annual monitoring of the SVPMs should also continue in order to ensure that a measurable vacuum field is being established and that the area is being effectively treated. Ongoing optimization activities should be performed in order to improve system performance.

5.0 REFERENCES

Tetra Tech EC, Inc. (TtEC). 2010. *Final Operation & Maintenance Plan for Soil Vapor Extraction Containment System, Site 1, Former Drum Marshalling Yard at Naval Weapons Industrial Reserve Plant, Bethpage, New York.* June.

Tetra Tech NUS, Inc. (TtNUS). 2012. *Final Supplemental Offsite Soil Vapor Intrusion Monitoring Plan for the Soil Vapor Extraction Containment System, Site 1, Former Drum Marshalling Yard at Naval Weapons Industrial Reserve Plant, Bethpage, New York.* February.

TABLES

Table 1
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Vapor Monitoring Results
January 2013

Compound	Concentration (ug/m^3)				Emission Rate [(1),(2)]				Monthly Mass Recovery [(3)]
					Prior to Treatment		Following Treatment		
	Influent #1	Influent #2	Average	Effluent	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)	(lbs)
Acetone	8.9 J	3.1 J	6.0 J	3.7 J	0.0000	0.0719	0.0000	0.0444	0.0057
Benzene	3.6	0	1.8	0	0.0000	0.0216	0.0000	0.0000	0.0017
2-Butanone	2.1 J	0	1.1 J	0	0.0000	0.0126	0.0000	0.0000	0.0010
Carbon Disulfide	5.6 J	1.3 J	3.5 J	1.4 J	0.0000	0.0414	0.0000	0.0168	0.0033
Carbon Tetrachloride	3.6 J	3.3 J	3.5 J	0	0.0000	0.0414	0.0000	0.0000	0.0033
Chloroform	3.2 J	3.5 J	3.4 J	0.96 J	0.0000	0.0402	0.0000	0.0115	0.0032
Cumene	4.2	0	2.1	2.2 J	0.0000	0.0252	0.0000	0.0264	0.0020
Cyclohexane	8.6	8.1	8.4	0	0.0000	0.1001	0.0000	0.0000	0.0080
1,1-Dichloroethane	20	21	21	8.3	0.0000	0.2458	0.0000	0.0995	0.0195
1,2-Dichloroethane	1.3 J	0	0.65 J	0	0.0000	0.0078	0.0000	0.0000	0.0006
1,1-Dichloroethene	1.3 J	1.4 J	1.4 J	1.2 J	0.0000	0.0162	0.0000	0.0144	0.0013
cis-1,2-Dichloroethene	300	290	295	72	0.0004	3.5368	0.0001	0.8632	0.2810
trans-1,2-Dichloroethene	2.8 J	2.9 J	2.9 J	0	0.0000	0.0342	0.0000	0.0000	0.0027
Ethylbenzene	3.5	0	1.8	0	0.0000	0.0210	0.0000	0.0000	0.0017
4-Ethyltoluene	0.73 J	0	0.37 J	5.3	0.0000	0.0044	0.0000	0.0635	0.0003
Freon 11	2.8 J	3.0 J	2.9 J	3.2 J	0.0000	0.0348	0.0000	0.0384	0.0028
Freon 12	2.7 J	3.0 J	2.9 J	3.2 J	0.0000	0.0342	0.0000	0.0384	0.0027
Freon 113	87	87	87	8.3	0.0001	1.0431	0.0000	0.0995	0.0829
Heptane	0.84 J	0	0	0	0.0000	0.0050	0.0000	0.0000	0.0004
Hexane	0.66 J	0	0.33 J	0	0.0000	0.0040	0.0000	0.0000	0.0003
Methylene Chloride	0	0.98 J	0.49 J	0.72 J	0.0000	0.0059	0.0000	0.0086	0.0005
Propylbenzene	0.50 J	0	0.25 J	1.1 J	0.0000	0.0030	0.0000	0.0132	0.0002
2-Propanol	0	1.8 J	0.90 J	0	0.0000	0.0108	0.0000	0.0000	0.0009
Tetrachloroethene	800	850	825	0	0.0011	9.8911	0.0000	0.0000	0.7859
Tetrahydrofuran	1.9 J	1.2 J	1.6 J	0	0.0000	0.0186	0.0000	0.0000	0.0015
Toluene	34	2.0 J	18 J	0.25 J	0.0000	0.2158	0.0000	0.0030	0.0171
1,1,1-Trichloroethane	370	380	375	9.8	0.0005	4.4960	0.0000	0.1175	0.3572
Trichloroethene	1100	1100	1100	0	0.0015	13.1881	0.0000	0.0000	1.0478
1,2,4-Trimethylbenzene	1.2 J	0	0.60 J	7.0	0.0000	0.0072	0.0000	0.0839	0.0006
1,3,5-Trimethylbenzene	0	0	0	2.4 J	0.0000	0.0000	0.0000	0.0288	0.0000
2,2,4-Trimethylpentane	10	9.7	9.9	0	0.0000	0.1181	0.0000	0.0000	0.0094
m,p-Xylene	16	0	8.0	0.92 J	0.0000	0.0959	0.0000	0.0110	0.0076
o-Xylene	5.9	0	3.0	0	0.0000	0.0354	0.0000	0.0000	0.0028
Total VOCs	2803	2773	2788	132	0.0038	33.4272	0.0002	1.5820	2.6559

Notes:

All samples were analyzed for full list VOCs by modified method TO-15. Only detected analytes are presented above.

Average Monthly Vapor Temp (ºF) =	84
Average Monthly Flowrate (cfm) =	377
Average Monthly Flowrate (scfm) =	366
Operational Hours for the month =	696

(1) Emissions (lbs/hr) = Concentration (ug/m^3)*(lb/454000000ug)*(0.3048^3m^3/ft^3)*exhaust flow (scfm)*(60min/hour)
(2) Emissions (lbs/yr) = Emissions (lbs/hour)*(8760hours/yr)
(3) Monthly Mass Removal = AVERAGE FLOWRATE (scfm) * 0.3048^3m^3/ft^3 * INF AVG CONC (ug/m^3) * (lb/454000000ug) * 60 min/hr * OPERATIONAL TIME (hr)

Table 2
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Vapor Monitoring Results
February 2013

Compound	Concentration (ug/m^3)				Emission Rate [(1),(2)]				Monthly Mass Recovery [(3)]
					Prior to Treatment		Following Treatment		
	Influent #1	Influent #2	Average	Effluent	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)	(lbs)
Acetone	7.6 J	5.1 J	6.4 J	9.9 J	0.0000	0.0721	0.0000	0.1124	0.0055
Benzene	0	0	0	0.89 J	0.0000	0.0000	0.0000	0.0101	0.0000
Carbon Disulfide	1.1 J	14	7.6 J	3.6 J	0.0000	0.0857	0.0000	0.0409	0.0066
Carbon Tetrachloride	3.6 J	3.9 J	3.8 J	0	0.0000	0.0426	0.0000	0.0000	0.0033
Chloroform	2.7 J	2.7 J	2.7 J	0	0.0000	0.0307	0.0000	0.0000	0.0024
Cumene	2.7 J	0	1.4 J	4.5	0.0000	0.0153	0.0000	0.0511	0.0012
Cyclohexane	6.8	7.8	7.3	0	0.0000	0.0829	0.0000	0.0000	0.0064
1,1-Dichloroethane	17	17	17	5.4	0.0000	0.1930	0.0000	0.0613	0.0148
1,1-Dichloroethene	1.7 J	1.4 J	1.6 J	0	0.0000	0.0176	0.0000	0.0000	0.0014
cis-1,2-Dichloroethene	230	250	240	43	0.0003	2.7253	0.0001	0.4883	0.2091
trans-1,2-Dichloroethene	2.1 J	1.9 J	2.0 J	0	0.0000	0.0227	0.0000	0.0000	0.0017
Ethanol	7.8	0	3.9	3.1 J	0.0000	0.0443	0.0000	0.0352	0.0034
Freon 11	3.2 J	3.0 J	3.1 J	2.5 J	0.0000	0.0352	0.0000	0.0284	0.0027
Freon 12	3.0 J	2.8 J	2.9 J	2.9 J	0.0000	0.0329	0.0000	0.0329	0.0025
Freon 113	92	100	96	5.2 J	0.0001	1.0901	0.0000	0.0590	0.0836
Hexane	1.2 J	0	0.60 J	0.56 J	0.0000	0.0068	0.0000	0.0064	0.0005
Methylene Chloride	2.9 J	0	1.5 J	0	0.0000	0.0165	0.0000	0.0000	0.0013
Tetrachloroethene	590	880	735	0.86 J	0.0010	8.3463	0.0000	0.0098	0.6403
Tetrahydrofuran	1.3 J	0.76 J	1.0 J	0	0.0000	0.0117	0.0000	0.0000	0.0009
Toluene	1.6 J	0.90 J	1.3 J	1.5 J	0.0000	0.0142	0.0000	0.0170	0.0011
1,1,1-Trichloroethane	310	350	330	6.1	0.0004	3.7473	0.0000	0.0693	0.2875
Trichloroethene	1100	950	1025	0	0.0013	11.6394	0.0000	0.0000	0.8929
2,2,4-Trimethylpentane	1.9 J	2.4 J	2.2 J	0	0.0000	0.0244	0.0000	0.0000	0.0019
Total VOCs	2390	2594	2492	90	0.0032	28.2971	0.0001	1.0221	2.1707

Notes:

All samples were analyzed for full list VOCs by modified method TO-15. Only detected analytes are presented above.

Average Monthly Vapor Temp (ºF) =	89
Average Monthly Flowrate (cfm) =	360
Average Monthly Flowrate (scfm) =	346
Operational Hours for the month =	672

(1) Emissions (lbs/hr) = Concentration (ug/m^3)*(lb/454000000ug)*(0.3048^3m^3/ft^3)*exhaust flow (scfm)*(60min/hour)
(2) Emissions (lbs/yr) = Emissions (lbs/hour)*(8760hours/yr)
(3) Monthly Mass Removal = AVERAGE FLOWRATE (scfm) * 0.3048^3m^3/ft^3 * INF AVG CONC (ug/m^3) * (lb/454000000ug) * 60 min/hr * OPERATIONAL TIME (hr)

Table 3
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Vapor Monitoring Results
March 2013

Compound	Concentration (ug/m^3)				Emission Rate [(1),(2)]				Monthly Mass Recovery [(3)]
					Prior to Treatment		Following Treatment		
	Influent #1	Influent #2	Average	Effluent	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)	(lbs)
Acetone	24 J	4.3 J	14 J	3.0 J	0.0000	0.1579	0.0000	0.0335	0.0134
Carbon Disulfide	1.8 J	1.4 J	1.6 J	1.2 J	0.0000	0.0179	0.0000	0.0134	0.0015
Carbon Tetrachloride	4.2 J	4.9	4.6 J	0	0.0000	0.0508	0.0000	0.0000	0.0043
Chloroform	2.6 J	2.8 J	2.7 J	0.85 J	0.0000	0.0301	0.0000	0.0095	0.0026
Cumene	4.2 J	0	2.1 J	2.1 J	0.0000	0.0234	0.0000	0.0234	0.0020
1,1-Dichloroethane	16	18	17	6.3	0.0000	0.1897	0.0000	0.0703	0.0161
1,1-Dichloroethene	0	1.7 J	0.85 J	0	0.0000	0.0095	0.0000	0.0000	0.0008
cis-1,2-Dichloroethene	200	230	215	63	0.0003	2.3987	0.0001	0.7029	0.2037
trans-1,2-Dichloroethene	2.0 J	2.8 J	2.4 J	0	0.0000	0.0268	0.0000	0.0000	0.0023
Ethanol	0	0.72 J	0.36 J	0	0.0000	0.0040	0.0000	0.0000	0.0003
Freon 11	3.2 J	3.5 J	3.4 J	3.1 J	0.0000	0.0374	0.0000	0.0346	0.0032
Freon 12	2.9 J	3.2 J	3.1 J	3.2 J	0.0000	0.0340	0.0000	0.0357	0.0029
Freon 113	82	88	85	6.6	0.0001	0.9483	0.0000	0.0736	0.0805
Tetrachloroethene	730	740	735	1.1 J	0.0009	8.2001	0.0000	0.0123	0.6964
Tetrahydrofuran	0	0.46 J	0.23 J	0.85 J	0.0000	0.0026	0.0000	0.0095	0.0002
Toluene	0.39 J	0.22 J	0.31 J	0	0.0000	0.0034	0.0000	0.0000	0.0003
1,1,1-Trichloroethane	270	300	285	8.3	0.0004	3.1796	0.0000	0.0926	0.2701
Trichloroethene	840	900	870	0	0.0011	9.7062	0.0000	0.0000	0.8244
2,2,4-Trimethylpentane	2.3 J	0.48 J	1.4 J	0	0.0000	0.0155	0.0000	0.0000	0.0013
Vinyl Chloride	0	0.66 J	0.33 J	0	0.0000	0.0037	0.0000	0.0000	0.0003
Total VOCs	2186	2303	2244	100	0.0029	25.0395	0.0001	1.1112	2.1266

Notes:

All samples were analyzed for full list VOCs by modified method TO-15. Only detected analytes are presented above.

Average Monthly Vapor Temp (ºF) =	90
Average Monthly Flowrate (cfm) =	355
Average Monthly Flowrate (scfm) =	340
Operational Hours for the month =	744

(1) Emissions (lbs/hr) = Concentration (ug/m^3)*(lb/454000000ug)*(0.3048^3m^3/ft^3)*exhaust flow (scfm)*(60min/hour)
(2) Emissions (lbs/yr) = Emissions (lbs/hour)*(8760hours/yr)
(3) Monthly Mass Removal = AVERAGE FLOWRATE (scfm) * 0.3048^3m^3/ft^3 * INF AVG CONC (ug/m^3) * (lb/454000000ug) * 60 min/hr * OPERATIONAL TIME (hr)

Table 4
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
First Quarter 2013 Vapor Analytical Results Summary of SVE Wells

Sample ID	**SVE 101I**	**SVE 101D**	**SVE 102I**	**SVE 102D**	**SVE 103I**	**SVE 103D**	**SVE 104I**	**SVE 104D**	**SVE 105I**	**SVE 105D**	**SVE 106I**	**SVE 106D**
Sample Date	**01/15/13**	**01/15/13**	**01/15/13**	**01/15/13**	**01/15/13**	**01/15/13**	**01/15/13**	**01/15/13**	**01/15/13**	**01/15/13**	**01/15/13**	**01/15/13**
Analysis by TO-15 (µg/m^3)												
1,1,1-Trichloroethane	3400	ND	ND	ND	ND	ND	ND	820	22	430	ND	ND
1,1-Dichloroethane	62	1.1 J	ND	ND	ND	ND	ND	160	12	110	1.9 J	ND
1,2,4-Trimethylbenzene	ND	ND	0.96 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	12 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	0.34 J	ND	ND	ND	ND	0.48 J	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	620	0.76 J
2-Propanol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1 J	ND
Acetone	ND	6.9 J	8.7 J	4.6 J	6.1 J	8.0 J	5.9 J	ND	6.2 J	ND	8.6 J	5.4 J
Benzene	ND	0.41 J	0.45 J	0.55 J	ND	0.76 J	0.53 J	ND	ND	ND	3.7	0.66 J
Bromomethane	ND	1.9 J	ND	2.0 J	ND	ND	1.9 J	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.3 J	2.0 J	ND
cis-1,2-Dichloroethene	14 J	ND	ND	ND	2.4 J	ND	2.7 J	3700	13	200	3.7	ND
Ethanol	ND	2.7 J	3.6 J	5.5 J	2.6 J	3.8 J	ND	ND	ND	ND	3.4 J	3.7 J
Freon 11	ND	2.2 J	1.4 J	1.5 J	1.4 J	1.1 J	1.2 J	ND	1.6 J	ND	1.4 J	1.4 J
Freon 113	ND	3.7 J	ND	ND	ND	ND	3.6 J	1500	8.1	58	22	ND
Freon 12	ND	2.5 J	2.4 J	2.6 J	2.5 J	2.7 J	2.6 J	3.2 J	3.1 J	4.4 J	3.0 J	2.8 J
Heptane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29	ND
Hexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.4	ND
m,p-Xylene	ND	ND	1.1 J	ND	ND	ND	3.1 J	ND	ND	ND	0.90 J	ND
Methyl-tert-Butyl-Ether	ND	ND	0.64 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	1.8 J	1.0 J	0.51 J	2.0 J	0.43 J	ND	ND	ND	1.2 J	0.72 J
Tetrachloroethene	80	130	2.4 J	0.96 J	40	1.6 J	4.8 J	4200	66	330	7.0	ND
Tetrahydrofuran	ND	1.0 J	ND	ND	1.1 J	ND	ND	ND	2.0 J	ND	ND	ND
Toluene	ND	0.42 J	3.8	0.58 J	0.58 J	3.8	0.54 J	ND	ND	ND	4.8	0.60 J
Trichloroethene	8100	120	10	6.5	16	6.0	3.1 J	2100	160	3800	110	ND

Notes:
All samples were analyzed for full list VOCs by modified method TO-15. Only detected analytes are presented above.
µg/m^3 = micrograms per cubic meter
ND = Not detected above method detection limit

Table 5
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Quarterly Vapor Monitoring Results of SVE Wells
Through First Quarter 2013

Sample ID	SVE 101I													
Sample Date	12/21/09	03/31/10	06/09/10	09/16/10	12/08/10	03/30/11	06/28/11	09/06/11	10/14/11	02/10/12	05/11/12	09/11/12	12/05/12	01/15/13
Analysis by TO-15 ($\mu g/m^3$)														
1,1,1-Trichloroethane	51000	3900	2600	450	850	300	1	0.7 J	0.7 J	1500	1500	3200	4400	3400
1,1,2,2-Tetrachloroethane	NR	NR	NR	ND	ND	ND	1 J	0.7 J	0.8 J	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NR	NR	NR	3	5	ND	1 J	0.6 J	0.6 J	4.0 J	ND	ND	ND	ND
1,1-Dichloroethane	1200	65	34	14	31	5	0.8 J	0.4 J	0.4 J	28	28	61	76	62
1,1-Dichloroethene	250	ND	ND	4	8	ND	0.7 J	0.4 J	0.5 J	7.6 J	10	ND	15 J	ND
1,2,3-Trichloropropane	NR	NR	NR	ND	ND	ND	1 J	0.6 J	0.8 J	NR	NR	NR	NR	NR
1,2,3-Trimethylbenzene	NR	NR	NR	6	2	ND	0.6 J	ND	0.5 J	NR	NR	NR	NR	NR
1,2,4-Trichlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NR	NR	NR	15	5	2	1	ND	0.7 J	ND	3.2 J	5.1 J	ND	ND
1,2-Dibromoethane	NR	NR	NR	ND	ND	ND	ND	ND	0.8 J	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	NR	NR	NR	ND	ND	ND	0.6	ND	0.6 J	ND	ND	ND	ND	ND
1,2-Dichloroethane	NR	30	ND	4	8	ND	0.9	0.5 J	0.5 J	6.9 J	6.4 J	11 J	14 J	12 J
1,2-Dichloropropane	NR	NR	NR	ND	ND	ND	ND	0.6 J	0.6 J	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NR	NR	NR	4	ND	ND	0.6 J	ND	0.5 J	ND	ND	ND	ND	ND
1,3-Butadiene	NR	NR	NR	ND	ND	ND	0.7	0.4 J	0.4 J	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	6.7 J	ND	ND
2-Butanone	NR	NR	NR	3	1	ND	3	1	1	ND	ND	ND	ND	ND
2-Hexanone	NR	NR	NR	ND	ND	ND	ND	0.5 J	0.5 J	ND	ND	ND	ND	ND
2-Propanol	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
3-Chloro-1-propene	NR	NR	NR	ND	ND	ND	ND	0.4 J	ND	ND	ND	ND	ND	ND
4-Ethyltoluene	NR	NR	NR	3	ND	ND	0.7 J	ND	ND	ND	1.7 J	ND	ND	ND
4-Methyl-2-pentanone	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Acetone	NR	NR	NR	9	5	9	22	16	8	22 J	10 J	ND	ND	ND
alpha-Chlorotoluene	NR	NR	NR	ND	ND	ND	ND	ND	0.5 J	ND	ND	ND	ND	ND
Acrylonitrile	NR	NR	NR	ND	ND	ND	ND	0.4 J	ND	NR	NR	NR	NR	NR
Benzene	NR	NR	NR	1	ND	ND	1	0.4 J	0.6 J	ND	ND	6.7 J	ND	ND
Benzyl Chloride	NR	NR	NR	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Bromodichloromethane	NR	NR	NR	23	ND	ND	1	0.8 J	0.8 J	ND	ND	ND	ND	ND
Bromoform	NR	NR	NR	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND
Bromomethane	NR	NR	NR	ND	ND	ND	0.8	0.6 J	0.5 J	ND	ND	ND	ND	ND
Carbon Disulfide	NR	NR	NR	ND	ND	ND	0.9	0.5 J	0.4 J	ND	ND	11 J	ND	ND
Carbon Tetrachloride	NR	NR	NR	2	ND	ND	2	1 J	1 J	ND	ND	ND	ND	ND
Chlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	0.5 J	ND	ND	20 J, B	ND	ND
Chlorodibromomethane	NR	NR	NR	ND	ND	ND	ND	ND	0.9 J	NR	NR	NR	NR	NR
Chloroethane	NR	NR	NR	ND	ND	ND	0.6	0.4 J	0.4 J	ND	ND	ND	ND	ND
Chloroform	NR	NR	NR	2	1	ND	1	0.8 J	0.6 J	ND	ND	ND	ND	ND
Chloromethane	NR	NR	NR	1	0.5	ND	1	1	1	7.1 J	ND	ND	ND	ND
cis-1,2-Dichloroethene	480	59	ND	9	15	3	0.7 J	ND	0.4 J	7.1 J	7.4 J	20 J	22 J	14 J
cis-1,3-Dichloropropene	NR	NR	NR	ND	ND	ND	0.7 J	ND	ND	ND	ND	ND	ND	ND
Cumene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Cyclohexane	NR	NR	NR	ND	ND	ND	0.9	0.7	0.3 J	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NR	NR	NR	3	2	ND	3	2	3	ND	ND	ND	ND	ND
Diisopropyl ether	NR	NR	NR	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Ethanol	NR	NR	NR	5	4	2	10	7	3	6.9 J	5.3 J	19 J	47 J	ND
Ethyl Acetate	NR	NR	NR	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Ethyl tert-butyl ether	NR	NR	NR	ND	ND	ND	0.7 J	ND	ND	NR	NR	NR	NR	NR
Ethylbenzene	NR	NR	NR	3	ND	ND	1	ND	0.5 J	ND	ND	4.7 J	ND	ND
Freon 11	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Freon 113	NR	NR	NR	ND	ND	ND	2	2 J	1 J	ND	ND	ND	ND	ND
Freon 114	NR	NR	NR	ND	ND	ND	2	1 J	0.9 J	ND	ND	ND	ND	ND
Freon 12	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Heptane	NR	NR	NR	ND	ND	ND	2	ND	0.5 J	ND	ND	ND	ND	ND
Hexachlorobutadiene	NR	NR	NR	ND	ND	ND	2 J	ND	1 J	ND	ND	ND	ND	ND
Hexane	NR	NR	NR	1	ND	ND	3	3	0.7	ND	ND	3.1 J	ND	ND
iso-Octane	NR	NR	NR	2	ND	ND	4	ND	0.6 J	NR	NR	NR	NR	NR
Isopropylbenzene	NR	NR	NR	ND	ND	ND	0.8 J	ND	0.6 J	NR	NR	NR	NR	NR
Isoproyl alcohol	NR	NR	NR	ND	0.8	0.8	2	3	0.7	NR	NR	NR	NR	NR
m,p-Xylene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	1.8 J	12 J	ND	ND
Methyl Methacrylate	NR	NR	NR	ND	ND	ND	0.6 J	ND	0.4 J	NR	NR	NR	NR	NR
Methyl-tert-Butyl-Ether	NR	NR	NR	ND	ND	ND	1	1	0.4 J	ND	ND	ND	ND	ND
Methylene Chloride	NR	NR	NR	ND	1	4	8	17	2	2.3 J	ND	ND	10 J	ND
MIBK	NR	NR	NR	ND	ND	ND	1	ND	0.4 J	NR	NR	NR	NR	NR
Naphthalene	NR	NR	NR	4	5	5	ND	ND	ND	NR	NR	NR	NR	NR
n-Butane	NR	NR	NR	0.8	0.7	ND	2	0.7	0.8	NR	NR	NR	NR	NR
o-Xylene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	6.3 J	ND	ND
p-Isopropyltoluene	NR	NR	NR	ND	ND	ND	0.6 J	ND	ND	NR	NR	NR	NR	NR
n-Propylbenzene	NR	NR	NR	2	ND	ND	0.7 J	ND	ND	ND	ND	ND	ND	ND
Propylene	NR	NR	NR	ND	2	2	ND	ND	0.5	NR	NR	NR	NR	NR
Styrene	NR	NR	NR	ND	ND	ND	0.7 J	ND	ND	ND	ND	ND	ND	ND
tert-Amyl methyl ether	NR	NR	NR	ND	ND	ND	ND	ND	0.5 J	NR	NR	NR	NR	NR
tert-Butyl Alcohol	NR	NR	NR	ND	ND	ND	0.7	0.4 J	0.4 J	NR	NR	NR	NR	NR
Tetrachloroethene	1700	410	260	36	63	10	1	ND	2	48	46	93	120	80
Tetrahydrofuran	NR	NR	NR	4	2	2	1	1	0.5 J	ND	ND	ND	ND	ND
Toluene	NR	NR	NR	3	ND	ND	3	0.4 J	0.8	ND	ND	26	ND	ND
Total Xylenes	NR	NR	NR	13	ND	ND	4	ND	2 J	NR	NR	NR	NR	NR
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	0.7 J	0.4 J	0.4 J	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	180000	18000	14000	1200	2400	560	1	0.6 J	0.6 J	4200	4300	7200	12000	8100
Trichlorofluoromethane	NR	NR	NR	2	1	ND	2	2	2	NR	NR	NR	NR	NR
Vinyl Acetate	NR	NR	NR	1	ND	ND	ND	0.7 J	ND	NR	NR	NR	NR	NR
Vinyl Bromide	NR	NR	NR	ND	ND	ND	1	0.6 J	0.6 J	NR	NR	NR	NR	NR
Vinyl Chloride	ND	ND	ND	ND	ND	ND	0.5 J	0.3 J	0.3 J	ND	ND	ND	ND	ND

Notes:
$\mu g/m^3$ = micrograms per cubic meter
NR = Not Recorded
NA = Data not available
ND = Not detected above method detection limit

Table 5
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Quarterly Vapor Monitoring Results of SVE Wells
Through First Quarter 2013

Sample ID	SVE 101D													
Sample Date	12/21/09	03/31/10	06/09/10	09/16/10	12/22/10	03/30/11	06/28/11	09/06/11	10/14/11	02/10/12	05/11/12	09/11/12	12/05/12	01/15/13
Analysis by TO-15 (µg/m^3)														
1,1,1-Trichloroethane	26000	130	53	ND	ND	ND	3	8	0.8 J	ND	3.1 J	9.9	11	ND
1,1,2,2-Tetrachloroethane	NR	NR	NR	ND	ND	ND	3	0.9 J	1 J	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NR	NR	NR	ND	ND	ND	2	0.6 J	0.7 J	ND	ND	ND	ND	ND
1,1-Dichloroethane	660	3.9	ND	ND	ND	ND	2	0.9 J	0.5 J	ND	ND	1.0 J	1.1 J	1.1 J
1,1-Dichloroethene	180	2	ND	ND	ND	ND	ND	0.7 J	0.4 J	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NR	NR	NR	ND	ND	ND	2	0.8 J	0.8 J	NR	NR	NR	NR	NR
1,2,3-Trimethylbenzene	NR	NR	NR	ND	ND	ND	4	1	1	NR	NR	NR	NR	NR
1,2,4-Trichlorobenzene	NR	NR	NR	ND	ND	ND	2 J	ND	ND	ND	3.2 J	ND	2.7 J	ND
1,2,4-Trimethylbenzene	NR	NR	NR	ND	ND	ND	10	3	3	ND	2.7 J	2.9 J	1.8 J	ND
1,2-Dibromoethane	NR	NR	NR	ND	ND	ND	3	ND	0.9 J	ND	0.72 J	ND	ND	ND
1,2-Dichlorobenzene	NR	NR	NR	ND	ND	ND	2 J	ND	0.7 J	ND	ND	ND	ND	ND
1,2-Dichloroethane	NR	0.5	ND	ND	ND	ND	2	0.5 J	0.5 J	ND	ND	ND	ND	ND
1,2-Dichloropropane	NR	NR	NR	ND	ND	ND	2	0.6 J	0.5 J	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NR	NR	NR	ND	ND	ND	3	0.9 J	1	ND	ND	0.68 J	ND	ND
1,3-Butadiene	NR	NR	NR	ND	ND	ND	ND	0.4 J	0.5 J	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NR	NR	NR	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NR	NR	NR	ND	ND	ND	1 J	ND	ND	ND	ND	ND	0.89 J	0.34 J
1,4-Dioxane	NR	NR	NR	ND	ND	ND	1	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	0.99 J	1.2 J	ND
2-Butanone	NR	NR	NR	ND	1	2	8	1	1	ND	ND	2.2 J	2.2 J	ND
2-Hexanone	NR	NR	NR	ND	ND	ND	2	0.7 J	0.5 J	ND	ND	ND	ND	ND
2-Propanol	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
3-Chloro-1-propene	NR	NR	NR	ND	ND	ND	ND	0.4 J	0.4 J	ND	ND	ND	ND	ND
4-Ethyltoluene	NR	NR	NR	ND	ND	ND	3	0.8 J	1	ND	1.3 J	1.9 J	1.1 J	ND
4-Methyl-2-pentanone	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Acetone	NR	NR	NR	19	10	10	36	4	9	4.4 J	14 J	3.6 J	13 J	6.9 J
alpha-Chlorotoluene	NR	NR	NR	ND	ND	ND	2 J	ND	0.5 J	ND	ND	ND	0.49 J	ND
Acrylonitrile	NR	NR	NR	ND	ND	ND	ND	0.4 J	ND	NR	NR	NR	NR	NR
Benzene	NR	NR	NR	ND	1	ND	4	0.5 J	0.5 J	0.59 J	ND	0.59 J	ND	0.41 J
Benzyl Chloride	NR	NR	NR	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Bromodichloromethane	NR	NR	NR	ND	ND	ND	3	0.9 J	0.8 J	ND	ND	ND	ND	ND
Bromoform	NR	NR	NR	ND	ND	ND	3 J	ND	1 J	ND	ND	ND	ND	ND
Bromomethane	NR	NR	NR	ND	ND	ND	2	0.6 J	0.5 J	ND	ND	ND	ND	1.9 J
Carbon Disulfide	NR	NR	NR	ND	ND	ND	2	0.8	0.5 J	ND	ND	1.9 J	1.4 J	ND
Carbon Tetrachloride	NR	NR	NR	ND	ND	ND	4	1 J	1	ND	ND	ND	ND	ND
Chlorobenzene	NR	NR	NR	ND	ND	ND	2	0.5 J	0.6 J	ND	ND	2.5 J, B	ND	ND
Chlorodibromomethane	NR	NR	NR	ND	ND	ND	3	0.9 J	1 J	NR	NR	NR	NR	NR
Chloroethane	NR	NR	NR	ND	ND	ND	ND	0.4 J	0.4 J	ND	ND	ND	ND	ND
Chloroform	NR	NR	NR	ND	ND	ND	2	7	0.7 J	ND	0.91 J	5.4	2.4 J	ND
Chloromethane	NR	NR	NR	1	2	ND	3	0.4	1	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	220	8.5	7.5	ND	3	ND	2	2	0.5 J	ND	ND	2.1 J	3.2	ND
cis-1,3-Dichloropropene	NR	NR	NR	ND	ND	ND	2	0.5 J	ND	ND	ND	ND	ND	ND
Cumene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Cyclohexane	NR	NR	NR	ND	ND	ND	2	0.4 J	0.4 J	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NR	NR	NR	2	3	ND	5	3	3	ND	ND	ND	ND	ND
Diisopropyl ether	NR	NR	NR	14	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Ethanol	NR	NR	NR	7	5	11	29	1	3	2.4 J	3.2 J	2.9 J	4.6 J	2.7 J
Ethyl Acetate	NR	NR	NR	12	ND	ND	ND	ND	0.5 J	NR	NR	NR	NR	NR
Ethyl tert-butyl ether	NR	NR	NR	ND	ND	ND	1	0.5 J	ND	NR	NR	NR	NR	NR
Ethylbenzene	NR	NR	NR	ND	ND	ND	4	0.8 J	0.9	ND	ND	1.5 J	ND	ND
Freon 11	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.2 J	1.7 J	1.5 J	2.2 J	2.2 J
Freon 113	NR	NR	NR	4	2	ND	4	7	1 J	ND	ND	3.4 J	4.4 J	3.7 J
Freon 114	NR	NR	NR	ND	ND	ND	3	1 J	1 J	ND	ND	ND	ND	ND
Freon 12	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.4 J	2.6 J	2.6 J	2.4 J	2.5 J
Heptane	NR	NR	NR	ND	ND	ND	3	0.4 J	0.5 J	ND	ND	ND	ND	ND
Hexachlorobutadiene	NR	NR	NR	ND	ND	ND	ND	1 J	1 J	ND	ND	ND	ND	ND
Hexane	NR	NR	NR	30	2	2	18	2	0.8	ND	ND	ND	ND	ND
iso-Octane	NR	NR	NR	ND	ND	ND	4	0.7 J	0.6 J	NR	NR	NR	NR	NR
Isopropylbenzene	NR	NR	NR	ND	ND	ND	2	0.5 J	0.6 J	NR	NR	NR	NR	NR
Isoproyl alcohol	NR	NR	NR	9	1	4	9	1	0.9	NR	NR	NR	NR	NR
m,p-Xylene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	1.4 J	1.7 J	1.2 J	ND
Methyl Methacrylate	NR	NR	NR	ND	ND	ND	2	0.4 J	3	NR	NR	NR	NR	NR
Methyl-tert-Butyl-Ether	NR	NR	NR	4	ND	ND	5	0.7	0.4 J	ND	ND	ND	ND	ND
Methylene Chloride	NR	NR	NR	150	7	4	84	8	2	0.54 J	1.4 J	2.0 J	0.42 J	ND
MIBK	NR	NR	NR	ND	ND	ND	4	0.5 J	0.5 J	NR	NR	NR	NR	NR
Naphthalene	NR	NR	NR	ND	ND	ND	3	0.8 J	0.9 J	NR	NR	NR	NR	NR
n-Butane	NR	NR	NR	ND	20	7	8	0.6	ND	NR	NR	NR	NR	NR
o-Xylene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	0.77 J	1.8 J	ND	ND
p-Isopropyltoluene	NR	NR	NR	ND	ND	ND	2 J	0.6 J	ND	NR	NR	NR	NR	NR
n-Propylbenzene	NR	NR	NR	ND	ND	ND	2	0.7 J	0.8 J	ND	0.32 J	0.61 J	ND	ND
Propylene	NR	NR	NR	ND	ND	ND	ND	ND	0.4	NR	NR	NR	NR	NR
Styrene	NR	NR	NR	ND	ND	ND	1	ND	ND	ND	ND	ND	ND	ND
tert-Amyl methyl ether	NR	NR	NR	ND	ND	ND	2	0.5 J	0.5 J	NR	NR	NR	NR	NR
tert-Butyl Alcohol	NR	NR	NR	ND	ND	ND	2	0.5 J	0.5 J	NR	NR	NR	NR	NR
Tetrachloroethene	3200	1200	1200	ND	4	ND	26	210	2	ND	79	150	170	130
Tetrahydrofuran	NR	NR	NR	ND	ND	ND	7	1	1	ND	0.93 J	3.2	3.2	1.0 J
Toluene	NR	NR	NR	ND	2	3	12	0.9	1	0.82 J	ND	0.98 J	0.53 J	0.42 J
Total Xylenes	NR	NR	NR	ND	ND	ND	18	3	4	NR	NR	NR	NR	NR
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	2	0.6 J	0.4 J	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NR	NR	NR	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	100000	1600	310	3	1	ND	3	120	1 J	ND	200	400	350	120
Trichlorofluoromethane	NR	NR	NR	ND	2	ND	4	3	2	NR	NR	NR	NR	NR
Vinyl Acetate	NR	NR	NR	ND	1	ND	ND	0.6 J	ND	NR	NR	NR	NR	NR
Vinyl Bromide	NR	NR	NR	ND	ND	ND	2	0.6 J	0.6 J	NR	NR	NR	NR	NR
Vinyl Chloride	ND	ND	ND	ND	ND	ND	1	0.4 J	0.3 J	ND	ND	ND	ND	ND

Notes:
µg/m^3 = micrograms per cubic meter
NR = Not Recorded
NA = Data not available
ND = Not detected above method detection limit

Table 5
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Quarterly Vapor Monitoring Results of SVE Wells
Through First Quarter 2013

Sample ID	**SVE 102I**													
Sample Date	**12/21/09**	**03/31/10**	**06/09/10**	**09/16/10**	**12/22/10**	**03/30/11**	**06/28/11**	**09/06/11**	**10/14/11**	**02/10/12**	**05/11/12**	**09/11/12**	**12/05/12**	**01/15/13**
Analysis by TO-15 (µg/m^3)														
1,1,1-Trichloroethane	ND	ND	13	3	ND	NA	2	3	2	ND	0.60 J	3.3 J	ND	ND
1,1,2,2-Tetrachloroethane	NR	NR	NR	ND	ND	NA	1 J	0.8 J	0.8 J	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NR	NR	NR	ND	ND	NA	1 J	0.6 J	0.6 J	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	NA	0.8 J	0.5 J	0.5 J	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	NA	0.7 J	0.4 J	0.4 J	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NR	NR	NR	ND	ND	NA	1 J	0.6 J	0.8 J	NR	NR	NR	NR	NR
1,2,3-Trimethylbenzene	NR	NR	NR	10	ND	NA	5	1	2	NR	NR	NR	NR	NR
1,2,4-Trichlorobenzene	NR	NR	NR	ND	ND	NA	1 J	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NR	NR	NR	35	1	NA	18	3	5	0.77 J	1.5 J	2.3 J	ND	0.96 J
1,2-Dibromoethane	NR	NR	NR	ND	ND	NA	1 J	ND	0.8 J	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	NR	NR	NR	ND	ND	NA	0.8 J	ND	ND	ND	ND	1.0 J	ND	ND
1,2-Dichloroethane	NR	ND	ND	ND	ND	NA	0.8	0.4 J	0.4 J	ND	ND	ND	ND	ND
1,2-Dichloropropane	NR	NR	NR	ND	ND	NA	0.9 J	0.6 J	0.6 J	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NR	NR	NR	7	ND	NA	4	0.8 J	1	ND	ND	0.89 J	ND	ND
1,3-Butadiene	NR	NR	NR	ND	ND	NA	NA	0.3 J	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NR	NR	NR	ND	ND	NA	0.7 J	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NR	NR	NR	ND	ND	NA	0.6 J	ND	ND	ND	ND	1.2 J	0.78 J	ND
1,4-Dioxane	NR	NR	NR	ND	ND	NA	0.8	ND	0.4 J	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
2-Butanone	NR	NR	NR	ND	1	NA	4	1	2	ND	ND	ND	ND	ND
2-Hexanone	NR	NR	NR	ND	ND	NA	0.9	0.6 J	0.5 J	ND	ND	ND	ND	ND
2-Propanol	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
3-Chloro-1-propene	NR	NR	NR	ND	ND	NA	0.6 J	ND	ND	ND	ND	ND	ND	ND
4-Ethyltoluene	NR	NR	NR	5	ND	NA	4	0.8 J	1	0.64 J	0.72 J	3.2 J	ND	ND
4-Methyl-2-pentanone	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Acetone	NR	NR	NR	6	5	NA	14	4	7	7.8	9.9 J	7.2 J	12 J	8.7 J
alpha-Chlorotoluene	NR	NR	NR	ND	ND	NA	0.7 J	ND	ND	ND	ND	ND	0.41 J	ND
Acrylonitrile	NR	NR	NR	ND	ND	NA	0.5	0.4 J	ND	NR	NR	NR	NR	NR
Benzene	NR	NR	NR	ND	ND	NA	1	0.4 J	0.5 J	ND	ND	ND	ND	0.45 J
Benzyl Chloride	NR	NR	NR	ND	ND	NA	ND	ND	ND	NR	NR	NR	NR	NR
Bromodichloromethane	NR	NR	NR	ND	ND	NA	2	0.8 J	0.7 J	ND	ND	ND	ND	ND
Bromoform	NR	NR	NR	ND	ND	NA	1 J	ND	1 J	ND	ND	ND	ND	ND
Bromomethane	NR	NR	NR	ND	ND	NA	0.8	0.5 J	0.5 J	ND	ND	ND	ND	ND
Carbon Disulfide	NR	NR	NR	ND	ND	NA	0.7	0.5 J	0.4 J	ND	ND	1.8 J	1.5 J	ND
Carbon Tetrachloride	NR	NR	NR	ND	ND	NA	2	1 J	1 J	ND	ND	ND	ND	ND
Chlorobenzene	NR	NR	NR	ND	ND	NA	0.9	ND	0.5 J	ND	ND	2.7 J, B	ND	ND
Chlorodibromomethane	NR	NR	NR	ND	ND	NA	1 J	ND	0.9 J	NR	NR	NR	NR	NR
Chloroethane	NR	NR	NR	ND	ND	NA	0.6	0.4 J	0.3 J	ND	ND	ND	ND	ND
Chloroform	NR	NR	NR	4	ND	NA	3	5	4	0.75 J	1.4 J	6.6	ND	ND
Chloromethane	NR	NR	NR	ND	0.9	NA	1	0.4	0.4	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	NA	0.7 J	0.5 J	0.5 J	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	NR	NR	NR	ND	ND	NA	0.7 J	ND	ND	ND	ND	ND	ND	ND
Cumene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Cyclohexane	NR	NR	NR	ND	ND	NA	0.6 J	ND	0.4 J	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NR	NR	NR	ND	2	NA	3	2	2	ND	ND	ND	ND	ND
Diisopropyl ether	NR	NR	NR	ND	ND	NA	NA	ND	ND	NR	NR	NR	NR	NR
Ethanol	NR	NR	NR	2	3	NA	8	2	4	3.0 J	ND	ND	ND	3.6 J
Ethyl Acetate	NR	NR	NR	ND	ND	NA	NA	ND	ND	NR	NR	NR	NR	NR
Ethyl tert-butyl ether	NR	NR	NR	ND	ND	NA	0.7 J	ND	ND	NR	NR	NR	NR	NR
Ethylbenzene	NR	NR	NR	3	ND	NA	4	0.8 J	1	ND	ND	1.4 J	ND	ND
Freon 11	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.1 J	2.0 J	2.5 J	1.4 J	1.4 J
Freon 113	NR	NR	NR	ND	ND	NA	2	1 J	1 J	ND	ND	ND	ND	ND
Freon 114	NR	NR	NR	ND	ND	NA	2	1 J	1 J	ND	ND	ND	ND	ND
Freon 12	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.9 J	2.4 J	2.6 J	2.3 J	2.4 J
Heptane	NR	NR	NR	ND	ND	NA	1	ND	0.5 J	ND	ND	0.83 J	ND	ND
Hexachlorobutadiene	NR	NR	NR	ND	ND	NA	3	1 J	1 J	ND	ND	ND	ND	ND
Hexane	NR	NR	NR	ND	1	NA	1	0.8	0.8	ND	ND	0.36 J	ND	ND
iso-Octane	NR	NR	NR	ND	ND	NA	1	0.6 J	0.6 J	NR	NR	NR	NR	NR
Isopropylbenzene	NR	NR	NR	ND	ND	NA	1	ND	0.6 J	NR	NR	NR	NR	NR
Isoproyl alcohol	NR	NR	NR	ND	0.6	NA	2	1	0.8	NR	NR	NR	NR	NR
m,p-Xylene	NR	NR	NR	NR	NR	NA	NR	NR	NR	0.63 J	0.97 J	2.8 J	ND	1.1 J
Methyl Methacrylate	NR	NR	NR	ND	ND	NA	0.6 J	ND	ND	NR	NR	NR	NR	NR
Methyl-tert-Butyl-Ether	NR	NR	NR	ND	ND	NA	0.7	0.5 J	0.4 J	ND	ND	ND	ND	0.64 J
Methylene Chloride	NR	NR	NR	ND	6	NA	4	3	3	1.3 J	1.0 J	ND	ND	1.8 J
MIBK	NR	NR	NR	ND	ND	NA	0.8 J	ND	ND	NR	NR	NR	NR	NR
Naphthalene	NR	NR	NR	3	ND	NA	5	0.8 J	1	NR	NR	NR	NR	NR
n-Butane	NR	NR	NR	4	2	NA	1	0.4 J	ND	NR	NR	NR	NR	NR
o-Xylene	NR	NR	NR	NR	NR	NA	NR	NR	NR	ND	ND	1.6 J	ND	ND
p-Isopropyltoluene	NR	NR	NR	ND	ND	NA	1 J	ND	ND	NR	NR	NR	NR	NR
n-Propylbenzene	NR	NR	NR	3	ND	NA	2	0.6 J	0.9 J	ND	ND	0.90 J	ND	ND
Propylene	NR	NR	NR	ND	ND	NA	ND	ND	ND	NR	NR	NR	NR	NR
Styrene	NR	NR	NR	ND	ND	NA	0.7 J	ND	ND	ND	ND	ND	ND	ND
tert-Amyl methyl ether	NR	NR	NR	ND	ND	NA	0.7 J	ND	0.4 J	NR	NR	NR	NR	NR
tert-Butyl Alcohol	NR	NR	NR	ND	ND	NA	1	0.5 J	0.5 J	NR	NR	NR	NR	NR
Tetrachloroethene	2.4	1.4	17	6	NR	NA	3	6	6	ND	1.6 J	6.4	1.5 J	2.4 J
Tetrahydrofuran	NR	NR	NR	6	0.6	NA	5	1	1	ND	ND	ND	ND	ND
Toluene	NR	NR	NR	3	1	NA	4	0.8	1	0.66 J	ND	1.3 J	ND	3.8
Total Xylenes	NR	NR	NR	22	ND	NA	20	3	6	NR	NR	NR	NR	NR
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	NA	0.7 J	0.4 J	0.4 J	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NR	NR	NR	ND	ND	NA	0.7 J	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.6	3.8	300	88	3	NA	34	76	52	10	26	99	10	10
Trichlorofluoromethane	NR	NR	NR	ND	1	NA	2	2	2	NR	NR	NR	NR	NR
Vinyl Acetate	NR	NR	NR	ND	ND	NA	ND	0.6 J	ND	NR	NR	NR	NR	NR
Vinyl Bromide	NR	NR	NR	ND	ND	NA	1	0.6 J	0.6 J	NR	NR	NR	NR	NR
Vinyl Chloride	ND	ND	ND	ND	ND	NA	0.5 J	0.4 J	0.3 J	ND	ND	ND	ND	ND

Notes:
µg/m^3 = micrograms per cubic meter
NR = Not Recorded
NA = Data not available
ND = Not detected above method detection limit

Table 5
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Quarterly Vapor Monitoring Results of SVE Wells
Through First Quarter 2013

Sample ID	SVE 102D													
Sample Date	12/21/09	03/31/10	06/09/10	09/16/10	12/08/10	03/30/11	06/28/11	09/06/11	10/14/11	02/10/12	05/11/12	09/11/12	12/05/12	01/15/13
Analysis by TO-15 ($\mu g/m^3$)														
1,1,1-Trichloroethane	130	53	14	7	2	2	6	4	5	1.4 J	1.2 J	3.9 J	ND	ND
1,1,2,2-Tetrachloroethane	NR	NR	NR	ND	ND	ND	1 J	0.9 J	1 J	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NR	NR	NR	ND	ND	ND	1 J	0.6 J	0.8 J	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	2.7	ND	ND	ND	ND	1	0.6 J	0.7 J	ND	ND	0.51 J	0.95 J	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	1	0.6 J	0.6 J	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NR	NR	NR	ND	ND	ND	ND	0.7 J	0.9 J	NR	NR	NR	NR	NR
1,2,3-Trimethylbenzene	NR	NR	NR	5	ND	ND	7	1	2	NR	NR	NR	NR	NR
1,2,4-Trichlorobenzene	NR	NR	NR	ND	ND	ND	2 J	ND	0.8 J	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NR	NR	NR	18	2	2	22	4	6	ND	2.3 J	2.8 J	0.79 J	ND
1,2-Dibromoethane	NR	NR	NR	ND	ND	ND	1 J	ND	1 J	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	NR	NR	NR	ND	ND	ND	1 J	ND	0.8 J	ND	ND	ND	ND	ND
1,2-Dichloroethane	NR	ND	ND	ND	ND	ND	0.9	0.5 J	0.5 J	ND	ND	ND	ND	ND
1,2-Dichloropropane	NR	NR	NR	ND	ND	ND	1	0.6 J	0.6 J	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NR	NR	NR	4	ND	ND	4	ND	1	ND	ND	ND	ND	ND
1,3-Butadiene	NR	NR	NR	1	ND	ND	ND	0.3 J	0.4 J	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NR	NR	NR	ND	ND	ND	0.8 J	ND	0.7 J	ND	ND	1.2 J	ND	ND
1,4-Dichlorobenzene	NR	NR	NR	ND	ND	ND	0.8 J	ND	0.6 J	ND	ND	1.3 J	0.60 J	ND
1,4-Dioxane	NR	NR	NR	ND	ND	ND	1	ND	0.6 J	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	0.53 J	0.35 J	ND
2-Butanone	NR	NR	NR	4	0.9	0.7	5	1	1	ND	ND	3.7 J	ND	ND
2-Hexanone	NR	NR	NR	ND	ND	ND	0.9 J	0.6 J	0.6 J	ND	ND	ND	ND	ND
2-Propanol	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
3-Chloro-1-propene	NR	NR	NR	ND	ND	ND	0.7 J	0.4 J	ND	ND	ND	ND	ND	ND
4-Ethyltoluene	NR	NR	NR	3	ND	ND	4	1	1	0.36 J	1.0 J	2.1 J	ND	ND
4-Methyl-2-pentanone	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Acetone	NR	NR	NR	10	8	6	12	4	4	8.4	6.0 J	7.1 J	5.7 J	4.6 J
alpha-Chlorotoluene	NR	NR	NR	ND	ND	ND	0.9 J	ND	0.6 J	ND	ND	0.78 J	ND	ND
Acrylonitrile	NR	NR	NR	ND	ND	ND	0.5	0.4 J	ND	NR	NR	NR	NR	NR
Benzene	NR	NR	NR	ND	ND	ND	1	0.5 J	0.9	ND	ND	ND	ND	0.55 J
Benzyl Chloride	NR	NR	NR	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Bromodichloromethane	NR	NR	NR	ND	ND	ND	2	0.9 J	1 J	ND	ND	ND	ND	ND
Bromoform	NR	NR	NR	ND	ND	ND	2 J	ND	1 J	ND	ND	ND	ND	ND
Bromomethane	NR	NR	NR	ND	ND	ND	1	0.6 J	0.5 J	ND	ND	ND	ND	2.0 J
Carbon Disulfide	NR	NR	NR	ND	ND	ND	0.9	0.5 J	0.5 J	ND	ND	2.0 J	2.5 J	ND
Carbon Tetrachloride	NR	NR	NR	ND	ND	ND	2	2	2	ND	ND	ND	ND	ND
Chlorobenzene	NR	NR	NR	ND	ND	ND	1 J	ND	0.7 J	ND	ND	3.3 J, B	ND	ND
Chlorodibromomethane	NR	NR	NR	ND	ND	ND	2 J	0.9 J	1 J	NR	NR	NR	NR	NR
Chloroethane	NR	NR	NR	ND	ND	ND	0.7	0.4 J	0.4 J	ND	ND	ND	ND	ND
Chloroform	NR	NR	NR	11	2	3	9	14	17	19	19	23	11	ND
Chloromethane	NR	NR	NR	ND	1	0.6	1	0.4	0.4	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	1.4	ND	ND	0.9	ND	1	0.5 J	0.9	ND	ND	1.1 J	4.1	ND
cis-1,3-Dichloropropene	NR	NR	NR	ND	ND	ND	0.9 J	ND	0.6 J	ND	ND	0.69 J	ND	ND
Cumene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Cyclohexane	NR	NR	NR	ND	ND	ND	0.7 J	0.5 J	0.4 J	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NR	NR	NR	2	3	2	4	3	3	ND	ND	ND	ND	ND
Diisopropyl ether	NR	NR	NR	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Ethanol	NR	NR	NR	5	3	4	3	1	1	ND	ND	ND	ND	5.5 J
Ethyl Acetate	NR	NR	NR	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Ethyl tert-butyl ether	NR	NR	NR	ND	ND	ND	0.8 J	0.4 J	0.5 J	NR	NR	NR	NR	NR
Ethylbenzene	NR	NR	NR	3	ND	ND	4	ND	1	ND	ND	0.65 J	ND	ND
Freon 11	NR	NR	NR	NR	NR	NR	NR	NR	NR	4.8	5.8	11	6.6	1.5 J
Freon 113	NR	NR	NR	ND	ND	ND	3	2	2	ND	ND	ND	1.9 J	ND
Freon 114	NR	NR	NR	ND	ND	ND	2	1 J	1 J	ND	ND	ND	ND	ND
Freon 12	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.6 J	2.1 J	2.1 J	2.2 J	2.6 J
Heptane	NR	NR	NR	ND	ND	ND	1	0.4 J	0.6 J	ND	ND	ND	ND	ND
Hexachlorobutadiene	NR	NR	NR	ND	ND	ND	3	1 J	2 J	ND	ND	ND	ND	ND
Hexane	NR	NR	NR	1	ND	ND	1	0.8	0.5 J	ND	ND	ND	ND	ND
iso-Octane	NR	NR	NR	ND	ND	ND	1	1	0.7 J	NR	NR	NR	NR	NR
Isopropylbenzene	NR	NR	NR	ND	ND	ND	1	0.5 J	0.8 J	NR	NR	NR	NR	NR
Isoproyl alcohol	NR	NR	NR	1	ND	ND	2	1	1	NR	NR	NR	NR	NR
m,p-Xylene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	1.4 J	2.2 J	0.65 J	ND
Methyl Methacrylate	NR	NR	NR	ND	ND	ND	0.8 J	0.4 J	0.4 J	NR	NR	NR	NR	NR
Methyl-tert-Butyl-Ether	NR	NR	NR	ND	ND	ND	0.9	0.5 J	0.4 J	ND	ND	ND	ND	ND
Methylene Chloride	NR	NR	NR	7	2	ND	4	2	0.9	1.0 J	ND	0.36 J	ND	1.0 J
MIBK	NR	NR	NR	ND	ND	ND	1	0.4 J	0.4 J	NR	NR	NR	NR	NR
Naphthalene	NR	NR	NR	3	ND	ND	6	3	2	NR	NR	NR	NR	NR
n-Butane	NR	NR	NR	ND	2	ND	2	2	ND	NR	NR	NR	NR	NR
o-Xylene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	1.4 J	ND	ND
p-Isopropyltoluene	NR	NR	NR	ND	ND	ND	1	ND	0.7 J	NR	NR	NR	NR	NR
n-Propylbenzene	NR	NR	NR	ND	ND	ND	3	0.7 J	1	ND	ND	0.97 J	ND	ND
Propylene	NR	NR	NR	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Styrene	NR	NR	NR	ND	ND	ND	0.8 J	ND	0.5 J	ND	ND	ND	ND	ND
tert-Amyl methyl ether	NR	NR	NR	ND	ND	ND	0.9 J	0.5 J	0.5 J	NR	NR	NR	NR	NR
tert-Butyl Alcohol	NR	NR	NR	ND	ND	ND	1	0.4 J	0.6	NR	NR	NR	NR	NR
Tetrachloroethene	10	31	31	19	3	9	25	23	39	5.9	6.5	24	25	0.96 J
Tetrahydrofuran	NR	NR	NR	36	7	3	6	1	1	0.54 J	0.74 J	4.0	ND	ND
Toluene	NR	NR	NR	3	ND	ND	4	0.8	2	0.49 J	0.99 J	0.86 J	0.58 J	0.58 J
Total Xylenes	NR	NR	NR	15	ND	ND	22	2 J	7	NR	NR	NR	NR	NR
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	1	0.5 J	0.5 J	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NR	NR	NR	ND	ND	ND	0.8 J	ND	0.5 J	ND	ND	ND	ND	ND
Trichloroethene	440	390	190	110	17	21	89	81	87	34	58	170	140	6.5
Trichlorofluoromethane	NR	NR	NR	5	2	6	9	12	13	NR	NR	NR	NR	NR
Vinyl Acetate	NR	NR	NR	ND	ND	ND	2	ND	ND	NR	NR	NR	NR	NR
Vinyl Bromide	NR	NR	NR	ND	ND	ND	1	0.6 J	0.6 J	NR	NR	NR	NR	NR
Vinyl Chloride	ND	ND	ND	ND	ND	ND	0.6	0.4 J	0.3 J	ND	ND	ND	ND	ND

Notes:
$\mu g/m^3$ = micrograms per cubic meter
NR = Not Recorded
NA = Data not available
ND = Not detected above method detection limit

Table 5
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Quarterly Vapor Monitoring Results of SVE Wells
Through First Quarter 2013

Sample ID	SVE 103I													
Sample Date	12/21/09	03/31/10	06/09/10	09/16/10	12/08/10	03/30/11	06/28/11	09/06/11	10/14/11	02/10/12	05/11/12	09/11/12	12/05/12	01/15/13
Analysis by TO-15 ($\mu g/m^3$)														
1,1,1-Trichloroethane	900	ND	ND	ND	ND	ND	0.9 J	6	6	ND	1.6 J	9.2	ND	ND
1,1,2,2-Tetrachloroethane	NR	NR	NR	ND	ND	ND	1 J	0.9 J	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NR	NR	NR	ND	ND	ND	0.7 J	0.7 J	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	26	ND	ND	ND	ND	ND	0.6 J	2	2	ND	0.75 J	1.5 J	0.77 J	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	0.6 J	0.6 J	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NR	NR	NR	ND	ND	ND	0.9 J	0.8 J	0.6 J	NR	NR	NR	NR	NR
1,2,3-Trimethylbenzene	NR	NR	NR	ND	ND	ND	4	1	2	NR	NR	NR	NR	NR
1,2,4-Trichlorobenzene	NR	NR	NR	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NR	NR	NR	2	ND	1	14	3	5	2.2 J	3.3 J	3.3 J	0.65 J	ND
1,2-Dibromoethane	NR	NR	NR	ND	ND	ND	0.9 J	0.8 J	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	NR	NR	NR	ND	ND	ND	0.7 J	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	NR	ND	ND	ND	ND	ND	0.7 J	0.5 J	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NR	NR	NR	ND	ND	ND	0.7 J	0.6 J	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NR	NR	NR	ND	ND	ND	2	0.9 J	1	ND	ND	0.92 J	ND	ND
1,3-Butadiene	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	ND	1.1 J	ND	1.1 J	ND	ND
1,4-Dichlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	0.95 J	0.66 J	ND
1,4-Dioxane	NR	NR	NR	ND	ND	ND	0.5 J	0.6 J	0.4 J	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	0.83 J	ND	ND
2-Butanone	NR	NR	NR	2	ND	ND	4	1	1	4.7 J	5.2 J	ND	ND	ND
2-Hexanone	NR	NR	NR	ND	ND	ND	0.6 J	0.5 J	ND	ND	0.24 J	ND	ND	ND
2-Propanol	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
3-Chloro-1-propene	NR	NR	NR	ND	ND	ND	0.4 J	0.4 J	ND	ND	ND	ND	ND	ND
4-Ethyltoluene	NR	NR	NR	ND	ND	ND	3	0.8 J	1	1.5 J	1.4 J	2.2 J	ND	ND
4-Methyl-2-pentanone	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Acetone	NR	NR	NR	13	6	6	17	4	3	65	27	8.4 J	8.6 J	6.1 J
alpha-Chlorotoluene	NR	NR	NR	ND	ND	ND	0.6 J	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NR	NR	NR	ND	ND	ND	0.4 J	0.4 J	ND	NR	NR	NR	NR	NR
Benzene	NR	NR	NR	2	ND	ND	1	0.6 J	0.5 J	ND	ND	0.97 J	ND	ND
Benzyl Chloride	NR	NR	NR	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Bromodichloromethane	NR	NR	NR	ND	ND	ND	1 J	0.8 J	ND	ND	ND	ND	ND	ND
Bromoform	NR	NR	NR	ND	ND	ND	1 J	1 J	ND	ND	ND	ND	ND	ND
Bromomethane	NR	NR	NR	ND	ND	ND	0.6 J	0.6 J	0.4 J	ND	ND	ND	ND	ND
Carbon Disulfide	NR	NR	NR	ND	ND	ND	0.6 J	0.6 J	0.5 J	ND	ND	1.9 J	ND	ND
Carbon Tetrachloride	NR	NR	NR	ND	ND	ND	1	1 J	0.9 J	ND	ND	ND	ND	ND
Chlorobenzene	NR	NR	NR	ND	ND	ND	0.6 J	0.5 J	0.5 J	ND	ND	2.8 J, B	ND	ND
Chlorodibromomethane	NR	NR	NR	ND	ND	ND	1 J	0.9 J	ND	NR	NR	NR	NR	NR
Chloroethane	NR	NR	NR	ND	ND	ND	0.5 J	0.5 J	0.3 J	ND	ND	ND	ND	ND
Chloroform	NR	NR	NR	ND	ND	ND	0.8 J	3	2	19	1.1 J	2.3 J	ND	ND
Chloromethane	NR	NR	NR	1	1	1	1	0.4	0.4 J	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	58	ND	ND	1	ND	1	0.5 J	16	12	18	16	19	6.0	2.4 J
cis-1,3-Dichloropropene	NR	NR	NR	ND	ND	ND	0.5 J	ND	ND	ND	ND	ND	ND	ND
Cumene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Cyclohexane	NR	NR	NR	1	ND	ND	0.8	0.5 J	ND	ND	ND	0.47 J	ND	ND
Dichlorodifluoromethane	NR	NR	NR	3	2	2	3	2	2	ND	ND	ND	ND	ND
Diisopropyl ether	NR	NR	NR	3	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Ethanol	NR	NR	NR	17	3	6	14	2	1	ND	5.9 J	3.6 J	ND	2.6 J
Ethyl Acetate	NR	NR	NR	3	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Ethyl tert-butyl ether	NR	NR	NR	ND	ND	ND	0.6 J	0.5 J	ND	NR	NR	NR	NR	NR
Ethylbenzene	NR	NR	NR	1	ND	ND	3	0.8 J	1	ND	ND	2.2 J	ND	ND
Freon 11	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	1.2 J	2.4 J	1.3 J	1.4 J
Freon 113	NR	NR	NR	ND	ND	ND	2	2	1 J	ND	ND	1.1 J	ND	ND
Freon 114	NR	NR	NR	ND	ND	ND	1 J	1 J	0.8 J	ND	ND	ND	ND	ND
Freon 12	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.0 J	2.5 J	2.3 J	2.2 J	2.5 J
Heptane	NR	NR	NR	2	ND	ND	1	0.5 J	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NR	NR	NR	ND	ND	ND	2 J	1 J	1 J	ND	ND	ND	ND	ND
Hexane	NR	NR	NR	6	ND	ND	3	1	0.6 J	ND	ND	0.84 J	ND	ND
iso-Octane	NR	NR	NR	2	ND	ND	1	0.7 J	0.5 J	NR	NR	NR	NR	NR
Isopropylbenzene	NR	NR	NR	ND	ND	ND	0.8 J	0.6 J	ND	NR	NR	NR	NR	NR
Isoproyl alcohol	NR	NR	NR	4	ND	3	2	1	0.5 J	NR	NR	NR	NR	NR
m,p-Xylene	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.8 J	1.6 J	3.9	ND	ND
Methyl Methacrylate	NR	NR	NR	ND	ND	ND	0.5 J	0.4 J	ND	NR	NR	NR	NR	NR
Methyl-tert-Butyl-Ether	NR	NR	NR	1	ND	ND	0.7 J	0.7 J	0.6 J	ND	ND	ND	ND	ND
Methylene Chloride	NR	NR	NR	29	ND	2	8	4	1	9.0	1.0 J	0.99 J	ND	0.51 J
MIBK	NR	NR	NR	ND	ND	ND	ND	0.5 J	ND	NR	NR	NR	NR	NR
Naphthalene	NR	NR	NR	ND	ND	ND	7	0.9 J	2	NR	NR	NR	NR	NR
n-Butane	NR	NR	NR	3	1	1	3	0.6	ND	NR	NR	NR	NR	NR
o-Xylene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	1.2 J	2.1 J	ND	ND
p-Isopropyltoluene	NR	NR	NR	ND	ND	ND	0.9 J	0.6 J	ND	NR	NR	NR	NR	NR
n-Propylbenzene	NR	NR	NR	ND	ND	ND	2	0.7 J	0.9 J	ND	0.45 J	0.80 J	ND	ND
Propylene	NR	NR	NR	ND	ND	ND	2	ND	ND	NR	NR	NR	NR	NR
Styrene	NR	NR	NR	ND	ND	ND	0.6 J	ND	ND	ND	ND	ND	ND	ND
tert-Amyl methyl ether	NR	NR	NR	ND	ND	ND	0.6 J	0.5 J	ND	NR	NR	NR	NR	NR
tert-Butyl Alcohol	NR	NR	NR	ND	ND	ND	0.8	0.7	0.9	NR	NR	NR	NR	NR
Tetrachloroethene	580	ND	ND	ND	ND	2	1 J	420	590	140	200	430	120	40
Tetrahydrofuran	NR	NR	NR	1	ND	ND	4	1	1	3.4 J	2.9	3.6	0.71 J	1.1 J
Toluene	NR	NR	NR	6	ND	1	6	0.9	1	ND	0.65 J	7.1	0.45 J	0.58 J
Total Xylenes	NR	NR	NR	6	ND	ND	15	3	5	NR	NR	NR	NR	NR
trans-1,2-Dichloroethene	580	ND	ND	ND	ND	ND	0.6 J	1	1	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NR	NR	NR	ND	ND	ND	0.5 J	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	900	0.9	ND	ND	ND	ND	0.9 J	100	97	29	47	130	48	16
Trichlorofluoromethane	NR	NR	NR	2	ND	1	2	2	2	NR	NR	NR	NR	NR
Vinyl Acetate	NR	NR	NR	3	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Vinyl Bromide	NR	NR	NR	ND	ND	ND	0.7 J	0.7 J	ND	NR	NR	NR	NR	NR
Vinyl Chloride	ND	ND	ND	ND	ND	ND	0.4 J	0.4 J	0.3 J	ND	ND	ND	ND	ND

Notes:
$\mu g/m^3$ = micrograms per cubic meter
NR = Not Recorded
NA = Data not available
ND = Not detected above method detection limit

Table 5
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Quarterly Vapor Monitoring Results of SVE Wells
Through First Quarter 2013

Sample ID	SVE 103D													
Sample Date	12/21/09	03/31/10	06/09/10	09/16/10	12/08/10	03/30/11	06/28/11	09/06/11	10/14/11	02/10/12	05/11/12	09/11/12	12/05/12	01/15/13
Analysis by TO-15 ($\mu g/m^3$)														
1,1,1-Trichloroethane	3000	1100	230	ND	13	ND	2 J	20	31	7.4 J	6.9 J	22	190	ND
1,1,2,2-Tetrachloroethane	NR	NR	NR	ND	ND	ND	2 J	2 J	12 J	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NR	NR	NR	ND	ND	ND	1 J	2 J	10 J	ND	ND	ND	ND	ND
1,1-Dichloroethane	82	69	ND	ND	2	2	1 J	4	9	1.6 J	1.5 J	1.9 J	10 J	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	1 J	2	6 J	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NR	NR	NR	ND	ND	ND	2 J	2 J	11 J	NR	NR	NR	NR	NR
1,2,3-Trimethylbenzene	NR	NR	NR	5	ND	2	4	ND	7 J	NR	NR	NR	NR	NR
1,2,4-Trichlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	9 J	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NR	NR	NR	8	2	7	12	ND	9 J	ND	2.4 J	3.2 J	ND	ND
1,2-Dibromoethane	NR	NR	NR	ND	ND	ND	2 J	2 J	11 J	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	9 J	ND	ND	ND	ND	ND
1,2-Dichloroethane	NR	ND	ND	ND	ND	ND	1 J	1 J	6 J	ND	ND	ND	ND	ND
1,2-Dichloropropane	NR	NR	NR	ND	ND	ND	1 J	1 J	8 J	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NR	NR	NR	ND	ND	2	3	ND	8 J	ND	ND	ND	ND	ND
1,3-Butadiene	NR	NR	NR	ND	ND	ND	1	0.8 J	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	8 J	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	8 J	ND	ND	2.6 J	ND	ND
1,4-Dioxane	NR	NR	NR	ND	ND	ND	0.9 J	1	6 J	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	2.1 J	ND	ND
2-Butanone	NR	NR	NR	4	1	4	5	2	6 J	ND	ND	ND	ND	ND
2-Hexanone	NR	NR	NR	ND	ND	ND	1 J	1 J	5 J	ND	ND	ND	ND	ND
2-Propanol	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	5.5 J	ND	ND
3-Chloro-1-propene	NR	NR	NR	ND	ND	ND	0.8 J	1 J	4 J	ND	ND	ND	ND	ND
4-Ethyltoluene	NR	NR	NR	ND	ND	ND	3	ND	8 J	ND	1.2 J	ND	ND	ND
4-Methyl-2-pentanone	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Acetone	NR	NR	NR	10	6	21	19	9	10	13 J	11 J	10 J	7.0 J	8.0 J
alpha-Chlorotoluene	NR	NR	NR	ND	ND	ND	ND	ND	8 J	ND	ND	ND	ND	ND
Acrylonitrile	NR	NR	NR	ND	ND	ND	0.5 J	0.8 J	ND	NR	NR	NR	NR	NR
Benzene	NR	NR	NR	ND	ND	12	1	1 J	6 J	ND	ND	ND	ND	0.76 J
Benzyl Chloride	NR	NR	NR	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Bromodichloromethane	NR	NR	NR	ND	ND	ND	2 J	2 J	ND	ND	ND	ND	ND	ND
Bromoform	NR	NR	NR	ND	ND	ND	ND	2 J	14 J	ND	ND	ND	ND	ND
Bromomethane	NR	NR	NR	ND	ND	ND	1 J	1 J	6 J	ND	ND	ND	ND	ND
Carbon Disulfide	NR	NR	NR	ND	ND	ND	1 J	1 J	6 J	ND	ND	5.4 J	ND	ND
Carbon Tetrachloride	NR	NR	NR	ND	ND	ND	2 J	2 J	12 J	ND	ND	ND	ND	ND
Chlorobenzene	NR	NR	NR	ND	ND	ND	1 J	1 J	8 J	ND	ND	11 J, B	ND	ND
Chlorodibromomethane	NR	NR	NR	ND	ND	ND	2 J	2 J	14 J	NR	NR	NR	NR	NR
Chloroethane	NR	NR	NR	ND	ND	ND	0.9 J	1 J	5 J	ND	ND	ND	ND	ND
Chloroform	NR	NR	NR	ND	1	ND	1 J	6	29	3.6 J	1.6	9.3 J	ND	ND
Chloromethane	NR	NR	NR	3	0.7	1	2	0.9	4 J	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	420	1500	370	ND	92	ND	1 J	360	160	290	230	300	750	ND
cis-1,3-Dichloropropene	NR	NR	NR	ND	ND	ND	ND	1 J	6 J	ND	ND	ND	ND	ND
Cumene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Cyclohexane	NR	NR	NR	ND	ND	5	1 J	0.9 J	5 J	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NR	NR	NR	6	2	2	4	3	10	ND	ND	ND	ND	ND
Diisopropyl ether	NR	NR	NR	5	ND	ND	ND	1 J	6 J	NR	NR	NR	NR	NR
Ethanol	NR	NR	NR	6	5	56	10	2	9	5.5 J	ND	ND	ND	3.8 J
Ethyl Acetate	NR	NR	NR	5	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Ethyl tert-butyl ether	NR	NR	NR	ND	ND	ND	1 J	1 J	5 J	NR	NR	NR	NR	NR
Ethylbenzene	NR	NR	NR	ND	ND	8	3	0.9 J	7 J	ND	ND	2.3 J	ND	ND
Freon 11	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	3.1 J	ND	1.1 J
Freon 113	NR	NR	NR	ND	10	10	3 J	12	20	ND	ND	ND	68	ND
Freon 114	NR	NR	NR	ND	ND	ND	2 J	2 J	12 J	ND	ND	ND	ND	ND
Freon 12	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	2.9 J	ND	2.7 J
Heptane	NR	NR	NR	ND	ND	8	1 J	1 J	5 J	ND	ND	ND	ND	ND
Hexachlorobutadiene	NR	NR	NR	ND	ND	ND	4 J	3 J	18 J	ND	ND	ND	ND	ND
Hexane	NR	NR	NR	3	1	20	2	3	6 J	ND	ND	ND	ND	ND
iso-Octane	NR	NR	NR	ND	ND	ND	1 J	1 J	8 J	NR	NR	NR	NR	NR
Isopropylbenzene	NR	NR	NR	ND	ND	ND	1 J	1 J	8 J	NR	NR	NR	NR	NR
Isoproyl alcohol	NR	NR	NR	5	ND	5	2	2	5 J	NR	NR	NR	NR	NR
m,p-Xylene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	1.3 J	5.8 J	ND	ND
Methyl Methacrylate	NR	NR	NR	ND	ND	ND	1 J	1 J	5 J	NR	NR	NR	NR	NR
Methyl-tert-Butyl-Ether	NR	NR	NR	ND	ND	ND	1 J	2	6 J	ND	ND	ND	ND	ND
Methylene Chloride	NR	NR	NR	7	3	4	4	19	11	ND	ND	ND	ND	2.0 J
MIBK	NR	NR	NR	ND	ND	ND	1 J	1 J	6 J	NR	NR	NR	NR	NR
Naphthalene	NR	NR	NR	ND	ND	ND	3	ND	5 J	NR	NR	NR	NR	NR
n-Butane	NR	NR	NR	2	2	67	2	2	ND	NR	NR	NR	NR	NR
o-Xylene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
p-Isopropyltoluene	NR	NR	NR	ND	ND	ND	1 J	ND	7 J	NR	NR	NR	NR	NR
n-Propylbenzene	NR	NR	NR	ND	ND	1	2	ND	6 J	ND	ND	ND	ND	ND
Propylene	NR	NR	NR	ND	ND	9	2	ND	ND	NR	NR	NR	NR	NR
Styrene	NR	NR	NR	ND	ND	ND	ND	ND	5 J	ND	ND	ND	ND	ND
tert-Amyl methyl ether	NR	NR	NR	ND	ND	ND	1 J	1 J	6 J	NR	NR	NR	NR	NR
tert-Butyl Alcohol	NR	NR	NR	3	ND	ND	1 J	0.9 J	5 J	NR	NR	NR	NR	NR
Tetrachloroethene	20000	28000	16000	9	1500	ND	3	1600	6700	3800	3200	4700	4600	1.6 J
Tetrahydrofuran	NR	NR	NR	4	1	ND	6	2	6	2.0 J	ND	ND	ND	ND
Toluene	NR	NR	NR	4	2	40	4	0.9 J	6 J	ND	ND	4.7 J	ND	3.8
Total Xylenes	NR	NR	NR	ND	ND	34	16	3 J	21 J	NR	NR	NR	NR	NR
trans-1,2-Dichloroethene	ND	24	ND	ND	1	ND	1 J	3	7 J	ND	ND	ND	8.8 J	ND
trans-1,3-Dichloropropene	NR	NR	NR	ND	ND	ND	ND	ND	5 J	ND	ND	ND	ND	ND
Trichloroethene	3100	1600	640	7	92	ND	2 J	290	240	180	200	480	440	6.0
Trichlorofluoromethane	NR	NR	NR	6	1	3	3	3	11	NR	NR	NR	NR	NR
Vinyl Acetate	NR	NR	NR	4	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Vinyl Bromide	NR	NR	NR	ND	ND	ND	2 J	1 J	8 J	NR	NR	NR	NR	NR
Vinyl Chloride	ND	5.9	ND	ND	2	ND	0.8 J	4	5 J	ND	ND	ND	ND	ND

Notes:
$\mu g/m^3$ = micrograms per cubic meter
NR = Not Recorded
NA = Data not available
ND = Not detected above method detection limit

Table 5
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Quarterly Vapor Monitoring Results of SVE Wells
Through First Quarter 2013

Sample ID	SVE 104I													
Sample Date	12/21/09	03/31/10	06/09/10	09/16/10	12/08/10	03/30/11	06/28/11	09/06/11	10/14/11	02/10/12	05/11/12	09/11/12	12/05/12	01/15/13
Analysis by TO-15 (µg/m^3)														
1,1,1-Trichloroethane	730	4.2	ND	4	NR	NA	1 J	4	2	ND	ND	8.3	ND	ND
1,1,2,2-Tetrachloroethane	NR	NR	NR	ND	ND	NA	1 J	0.7 J	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NR	NR	NR	ND	ND	NA	1 J	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	24	0.54	ND	ND	ND	NA	1 J	0.6 J	0.5 J	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	NA	1 J	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NR	NR	NR	ND	ND	NA	1 J	ND	ND	NR	NR	NR	NR	NR
1,2,3-Trimethylbenzene	NR	NR	NR	4	ND	NA	ND	ND	0.7 J	NR	NR	NR	NR	NR
1,2,4-Trichlorobenzene	NR	NR	NR	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NR	NR	NR	12	1	NA	ND	ND	2	ND	ND	2.2 J	ND	ND
1,2-Dibromoethane	NR	NR	NR	ND	ND	NA	2 J	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	NR	NR	NR	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	NR	ND	ND	ND	ND	NA	1 J	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NR	NR	NR	ND	ND	NA	1 J	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NR	NR	NR	3	ND	NA	ND	ND	0.5 J	ND	ND	0.75 J	ND	ND
1,3-Butadiene	NR	NR	NR	ND	ND	NA	1	0.4 J	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NR	NR	NR	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NR	NR	NR	ND	ND	NA	ND	ND	ND	ND	ND	ND	0.41 J	0.48 J
1,4-Dioxane	NR	NR	NR	ND	ND	NA	0.8 J	0.4 J	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
2-Butanone	NR	NR	NR	3	0.6	NA	3	1	0.8	ND	ND	ND	ND	ND
2-Hexanone	NR	NR	NR	ND	ND	NA	0.9 J	ND	ND	ND	ND	ND	ND	ND
2-Propanol	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
3-Chloro-1-propene	NR	NR	NR	ND	ND	NA	0.9	0.3 J	ND	ND	ND	ND	ND	ND
4-Ethyltoluene	NR	NR	NR	2	ND	NA	ND	ND	ND	ND	ND	1.9 J	ND	ND
4-Methyl-2-pentanone	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Acetone	NR	NR	NR	11	3	NA	21	5	5	4.8 J	6.5 J	6.5 J	8.4 J	5.9 J
alpha-Chlorotoluene	NR	NR	NR	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NR	NR	NR	ND	ND	NA	0.6 J	0.3 J	ND	NR	NR	NR	NR	NR
Benzene	NR	NR	NR	1	ND	NA	1 J	0.4 J	0.4 J	ND	ND	ND	0.66 J	0.53 J
Benzyl Chloride	NR	NR	NR	ND	ND	NA	ND	ND	ND	NR	NR	NR	NR	NR
Bromodichloromethane	NR	NR	NR	ND	ND	NA	2 J	0.8 J	ND	ND	ND	ND	ND	ND
Bromoform	NR	NR	NR	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NR	NR	NR	ND	ND	NA	1 J	0.4 J	ND	ND	ND	ND	ND	1.9 J
Carbon Disulfide	NR	NR	NR	ND	ND	NA	1 J	0.5 J	0.5 J	ND	ND	5.2 J	ND	ND
Carbon Tetrachloride	NR	NR	NR	ND	ND	NA	2 J	1 J	1 J	ND	ND	ND	ND	ND
Chlorobenzene	NR	NR	NR	ND	ND	NA	1 J	0.5 J	ND	ND	ND	2.3 J, B	ND	ND
Chlorodibromomethane	NR	NR	NR	ND	ND	NA	2 J	ND	ND	NR	NR	NR	NR	NR
Chloroethane	NR	NR	NR	ND	ND	NA	0.9 J	0.3 J	ND	ND	ND	ND	ND	ND
Chloroform	NR	NR	NR	2	ND	NA	1 J	3	1	ND	ND	2.8 J	ND	ND
Chloromethane	NR	NR	NR	ND	0.5	NA	2	0.5	0.8	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	110	14	ND	2	0.8	NA	0.9 J	2	3	0.90 J	ND	5.0	ND	2.7 J
cis-1,3-Dichloropropene	NR	NR	NR	ND	ND	NA	1 J	ND	ND	ND	ND	ND	ND	ND
Cumene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Cyclohexane	NR	NR	NR	0.8	ND	NA	1 J	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NR	NR	NR	2	2	NA	3	2	2	ND	ND	ND	ND	ND
Diisopropyl ether	NR	NR	NR	5	ND	NA	ND	ND	ND	NR	NR	NR	NR	NR
Ethanol	NR	NR	NR	19	1	NA	12	2	3	ND	1.2 J	ND	4.2 J	ND
Ethyl Acetate	NR	NR	NR	5	ND	NA	ND	ND	ND	NR	NR	NR	NR	NR
Ethyl tert-butyl ether	NR	NR	NR	ND	ND	NA	1 J	ND	ND	NR	NR	NR	NR	NR
Ethylbenzene	NR	NR	NR	2	ND	NA	1 J	0.6 J	0.6 J	ND	ND	0.89 J	ND	ND
Freon 11	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.2 J	1.0 J	1.6 J	1.3 J	1.2 J
Freon 113	NR	NR	NR	ND	ND	NA	3 J	2	2	ND	ND	3.0 J	ND	3.6 J
Freon 114	NR	NR	NR	ND	ND	NA	2 J	0.9 J	0.7 J	ND	ND	ND	ND	ND
Freon 12	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.4 J	2.1 J	2.6 J	2.5 J	2.6 J
Heptane	NR	NR	NR	1	ND	NA	1 J	ND	ND	ND	ND	ND	2.6 J	ND
Hexachlorobutadiene	NR	NR	NR	ND	ND	NA	2 J	ND	ND	ND	ND	ND	ND	ND
Hexane	NR	NR	NR	10	ND	NA	12	0.5 J	0.4 J	0.82 J	ND	ND	3.4	ND
iso-Octane	NR	NR	NR	ND	ND	NA	1 J	0.5 J	0.5 J	NR	NR	NR	NR	NR
Isopropylbenzene	NR	NR	NR	ND	ND	NA	1 J	ND	ND	NR	NR	NR	NR	NR
Isoproyl alcohol	NR	NR	NR	6	ND	NA	7	0.7	0.5	NR	NR	NR	NR	NR
m,p-Xylene	NR	NR	NR	NR	NR	NA	NR	NR	NR	ND	ND	2.4 J	ND	3.1 J
Methyl Methacrylate	NR	NR	NR	ND	ND	NA	0.9 J	ND	ND	NR	NR	NR	NR	NR
Methyl-tert-Butyl-Ether	NR	NR	NR	1	ND	NA	4	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	NR	NR	NR	51	ND	NA	65	1	0.9	2.6	ND	ND	0.57 J	0.43 J
MIBK	NR	NR	NR	ND	ND	NA	1 J	ND	ND	NR	NR	NR	NR	NR
Naphthalene	NR	NR	NR	ND	ND	NA	ND	ND	0.7 J	NR	NR	NR	NR	NR
n-Butane	NR	NR	NR	2	0.6	NA	2	0.5 J	ND	NR	NR	NR	NR	NR
o-Xylene	NR	NR	NR	NR	NR	NA	NR	NR	NR	ND	ND	1.2 J	ND	ND
p-Isopropyltoluene	NR	NR	NR	ND	ND	NA	ND	ND	ND	NR	NR	NR	NR	NR
n-Propylbenzene	NR	NR	NR	1	ND	NA	ND	ND	ND	ND	ND	0.60 J	ND	ND
Propylene	NR	NR	NR	ND	ND	NA	ND	ND	0.4	NR	NR	NR	NR	NR
Styrene	NR	NR	NR	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
tert-Amyl methyl ether	NR	NR	NR	ND	ND	NA	1 J	ND	ND	NR	NR	NR	NR	NR
tert-Butyl Alcohol	NR	NR	NR	ND	ND	NA	0.9 J	0.3 J	0.3 J	NR	NR	NR	NR	NR
Tetrachloroethene	3100	210	68	96	16	NA	2 J	54	33	12	ND	86	1.6 J	4.8 J
Tetrahydrofuran	NR	NR	NR	4	1	NA	1	1	0.8	0.58 J	ND	1.4 J	ND	ND
Toluene	NR	NR	NR	7	ND	NA	2	1	0.6 J	0.59 J	ND	0.68 J	1.5 J	0.54 J
Total Xylenes	NR	NR	NR	12	ND	NA	3 J	3	2 J	NR	NR	NR	NR	NR
trans-1,2-Dichloroethene	15	ND	ND	ND	ND	NA	1 J	0.5 J	0.4 J	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NR	NR	NR	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	710	44	60	72	12	NA	2 J	44	25	9.6	ND	73	ND	3.1 J
Trichlorofluoromethane	NR	NR	NR	2	ND	NA	3	2	2	NR	NR	NR	NR	NR
Vinyl Acetate	NR	NR	NR	2	ND	NA	ND	ND	0.5 J	NR	NR	NR	NR	NR
Vinyl Bromide	NR	NR	NR	ND	ND	NA	1 J	0.5 J	ND	NR	NR	NR	NR	NR
Vinyl Chloride	ND	0.47	ND	ND	ND	NA	0.7 J	0.3 J	0.3 J	ND	ND	ND	ND	ND

Notes:
µg/m^3 = micrograms per cubic meter
NR = Not Recorded
NA = Data not available
ND = Not detected above method detection limit

Table 5
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Quarterly Vapor Monitoring Results of SVE Wells
Through First Quarter 2013

Sample ID	SVE 104D													
Sample Date	12/21/09	03/31/10	06/09/10	09/16/10	12/22/10	03/30/11	06/28/11	09/06/11	10/14/11	02/10/12	05/11/12	09/11/12	12/05/12	01/15/13
Analysis by TO-15 ($\mu g/m^3$)														
1,1,1-Trichloroethane	3600	3000	860	ND	270	ND	370	620	440	520	580	620	920	820
1,1,2,2-Tetrachloroethane	NR	NR	NR	ND	ND	ND	1 J	ND	9 J	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NR	NR	NR	ND	ND	ND	2 J	7 J	7 J	ND	ND	ND	ND	ND
1,1-Dichloroethane	290	350	140	ND	66	ND	56	110	77	87	95	100	190	160
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	3	7 J	7 J	3.0 J	5.0 J	ND	11 J	ND
1,2,3-Trichloropropane	NR	NR	NR	ND	ND	ND	2 J	7 J	7 J	NR	NR	NR	NR	NR
1,2,3-Trimethylbenzene	NR	NR	NR	ND	ND	ND	7	ND	6 J	NR	NR	NR	NR	NR
1,2,4-Trichlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NR	NR	NR	3	ND	ND	21	ND	7 J	ND	4.0 J	2.5 J	ND	ND
1,2-Dibromoethane	NR	NR	NR	ND	ND	ND	2 J	ND	9 J	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	NR	NR	NR	ND	ND	ND	1 J	ND	7 J	ND	ND	ND	ND	ND
1,2-Dichloroethane	NR	ND	ND	ND	ND	ND	1 J	5 J	5 J	ND	ND	ND	ND	ND
1,2-Dichloropropane	NR	NR	NR	ND	ND	ND	2 J	6 J	5 J	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NR	NR	NR	ND	ND	ND	4	ND	5 J	ND	ND	ND	ND	ND
1,3-Butadiene	NR	NR	NR	ND	ND	ND	ND	3 J	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NR	NR	NR	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NR	NR	NR	ND	ND	ND	2	9	4 J	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
2-Butanone	NR	NR	NR	ND	ND	ND	7	5 J	3 J	ND	ND	ND	ND	ND
2-Hexanone	NR	NR	NR	ND	ND	ND	1 J	8	ND	ND	ND	ND	ND	ND
2-Propanol	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
3-Chloro-1-propene	NR	NR	NR	ND	ND	ND	1 J	4 J	ND	ND	ND	ND	ND	ND
4-Ethyltoluene	NR	NR	NR	ND	ND	ND	4	ND	5 J	ND	1.7 J	ND	ND	ND
4-Methyl-2-pentanone	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Acetone	NR	NR	NR	10	ND	6	26	10	8	46	12 J	ND	7.4 J	ND
alpha-Chlorotoluene	NR	NR	NR	ND	ND	ND	1 J	ND	5 J	ND	ND	ND	ND	ND
Acrylonitrile	NR	NR	NR	ND	ND	ND	0.8 J	4	ND	NR	NR	NR	NR	NR
Benzene	NR	NR	NR	ND	ND	ND	2	4 J	4 J	ND	ND	1.5 J	ND	ND
Benzyl Chloride	NR	NR	NR	ND	ND	ND	1 J	ND	ND	NR	NR	NR	NR	NR
Bromodichloromethane	NR	NR	NR	ND	ND	ND	2 J	8 J	7 J	ND	ND	ND	ND	ND
Bromoform	NR	NR	NR	ND	ND	ND	3 J	ND	11 J	ND	ND	ND	ND	ND
Bromomethane	NR	NR	NR	ND	ND	ND	1 J	6 J	5 J	ND	ND	ND	ND	ND
Carbon Disulfide	NR	NR	NR	ND	ND	ND	1	5 J	4 J	ND	ND	6.3 J	ND	ND
Carbon Tetrachloride	NR	NR	NR	ND	ND	ND	3	9 J	8 J	ND	ND	ND	ND	ND
Chlorobenzene	NR	NR	NR	ND	ND	ND	1 J	ND	5 J	ND	ND	10 J, B	ND	ND
Chlorodibromomethane	NR	NR	NR	ND	ND	ND	2 J	9 J	10 J	NR	NR	NR	NR	NR
Chloroethane	NR	NR	NR	ND	ND	ND	1 J	4 J	4 J	ND	ND	ND	ND	ND
Chloroform	NR	NR	NR	ND	ND	ND	3	10	9 J	ND	2.2 J	5.8 J	ND	ND
Chloromethane	NR	NR	NR	0.9	ND	ND	2	3 J	3 J	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	2400	6600	3500	ND	1200	ND	1000	3600	2100	2200	2800 J	2200	4200	3700
cis-1,3-Dichloropropene	NR	NR	NR	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND
Cumene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Cyclohexane	NR	NR	NR	ND	ND	ND	2	4 J	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NR	NR	NR	2	ND	ND	4	9 J	8 J	ND	ND	ND	ND	ND
Diisopropyl ether	NR	NR	NR	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Ethanol	NR	NR	NR	4	4	6	20	10	ND	11 J	2.2 J	ND	ND	ND
Ethyl Acetate	NR	NR	NR	ND	ND	ND	ND	6 J	ND	NR	NR	NR	NR	NR
Ethyl tert-butyl ether	NR	NR	NR	ND	ND	ND	1 J	4 J	ND	NR	NR	NR	NR	NR
Ethylbenzene	NR	NR	NR	ND	ND	ND	4	ND	5 J	ND	ND	2.3 J	ND	ND
Freon 11	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Freon 113	NR	NR	NR	ND	560	560	280	260	550	720	980	880	1900	1500
Freon 114	NR	NR	NR	ND	ND	ND	2 J	10 J	9 J	ND	ND	ND	ND	ND
Freon 12	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	2.7 J	ND	3.2 J
Heptane	NR	NR	NR	ND	ND	ND	2	5 J	5 J	ND	ND	ND	ND	ND
Hexachlorobutadiene	NR	NR	NR	ND	ND	ND	5	ND	14 J	ND	ND	ND	ND	ND
Hexane	NR	NR	NR	2	ND	2	7	5 J	4 J	ND	ND	ND	ND	ND
iso-Octane	NR	NR	NR	ND	ND	ND	3	7 J	6 J	NR	NR	NR	NR	NR
Isopropylbenzene	NR	NR	NR	ND	ND	ND	2 J	ND	6 J	NR	NR	NR	NR	NR
Isoproyl alcohol	NR	NR	NR	1	ND	ND	7	6	4 J	NR	NR	NR	NR	NR
m,p-Xylene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	1.1 J	3.8 J	ND	ND
Methyl Methacrylate	NR	NR	NR	ND	ND	ND	1 J	4 J	ND	NR	NR	NR	NR	NR
Methyl-tert-Butyl-Ether	NR	NR	NR	ND	ND	ND	3	4 J	4 J	ND	ND	ND	ND	ND
Methylene Chloride	NR	NR	NR	6	ND	14	28	9	6 J	ND	ND	ND	ND	ND
MIBK	NR	NR	NR	ND	ND	ND	1 J	5 J	ND	NR	NR	NR	NR	NR
Naphthalene	NR	NR	NR	ND	ND	ND	7	ND	5 J	NR	NR	NR	NR	NR
n-Butane	NR	NR	NR	ND	ND	3	5	4 J	ND	NR	NR	NR	NR	NR
o-Xylene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
p-Isopropyltoluene	NR	NR	NR	ND	ND	ND	2 J	ND	ND	NR	NR	NR	NR	NR
n-Propylbenzene	NR	NR	NR	ND	ND	ND	3	ND	ND	ND	ND	ND	ND	ND
Propylene	NR	NR	NR	ND	ND	ND	ND	ND	3 J	NR	NR	NR	NR	NR
Styrene	NR	NR	NR	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND
tert-Amyl methyl ether	NR	NR	NR	ND	ND	ND	1 J	5 J	4 J	NR	NR	NR	NR	NR
tert-Butyl Alcohol	NR	NR	NR	ND	ND	ND	2	4 J	3 J	NR	NR	NR	NR	NR
Tetrachloroethene	20000	39000	21000	ND	2400	ND	1400	5800	6300	3800	4300	4600	4500	4200
Tetrahydrofuran	NR	NR	NR	ND	ND	ND	7	4 J	3 J	2.8 J	ND	8.2 J	ND	ND
Toluene	NR	NR	NR	ND	ND	ND	8	4 J	4 J	ND	ND	2.5 J	ND	ND
Total Xylenes	NR	NR	NR	ND	ND	ND	20	ND	14 J	NR	NR	NR	NR	NR
trans-1,2-Dichloroethene	130	70	30	ND	13	ND	14	25	22	26	31	27	55	40
trans-1,3-Dichloropropene	NR	NR	NR	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	4600	6000	2400	ND	470	ND	420	1600	1300	1400	1400	1700	2300	2100
Trichlorofluoromethane	NR	NR	NR	ND	ND	ND	3	9 J	7 J	NR	NR	NR	NR	NR
Vinyl Acetate	NR	NR	NR	ND	ND	ND	ND	5 J	4 J	NR	NR	NR	NR	NR
Vinyl Bromide	NR	NR	NR	ND	ND	ND	2 J	6 J	ND	NR	NR	NR	NR	NR
Vinyl Chloride	ND	12	ND	ND	ND	ND	2	5	5 J	ND	ND	ND	ND	ND

Notes:
$\mu g/m^3$ = micrograms per cubic meter
NR = Not Recorded
NA = Data not available
ND = Not detected above method detection limit

Table 5
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Quarterly Vapor Monitoring Results of SVE Wells
Through First Quarter 2013

Sample ID	SVE 105I													
Sample Date	12/21/09	03/31/10	06/09/10	09/16/10	12/08/10	03/30/11	06/28/11	09/06/11	10/14/11	02/10/12	05/11/12	09/11/12	12/05/12	01/15/13
Analysis by TO-15 ($\mu g/m^3$)														
1,1,1-Trichloroethane	9.9	11	29	ND	24	1	1 J	21	31	11	13	26	22	22
1,1,2,2-Tetrachloroethane	NR	NR	NR	ND	ND	ND	0.8 J	1 J	0.9 J	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NR	NR	NR	ND	ND	ND	0.7 J	0.8 J	0.9 J	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	5.7	13	ND	6	ND	0.6 J	5	7	4.2	5.6	5.6	10	12
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	0.6 J	0.6 J	0.5 J	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NR	NR	NR	ND	ND	ND	0.7 J	0.8 J	0.9 J	NR	NR	NR	NR	NR
1,2,3-Trimethylbenzene	NR	NR	NR	14	ND	1	0.7 J	1	2	NR	NR	NR	NR	NR
1,2,4-Trichlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NR	NR	NR	44	3	4	1	3	7	1.4 J	1.7 J	2.8 J	1.9 J	ND
1,2-Dibromoethane	NR	NR	NR	ND	ND	ND	0.9 J	ND	0.8 J	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	NR	NR	NR	ND	ND	ND	0.9 J	ND	0.8 J	ND	ND	ND	ND	ND
1,2-Dichloroethane	NR	ND	ND	ND	ND	ND	0.7 J	0.6 J	0.5 J	ND	ND	ND	ND	ND
1,2-Dichloropropane	NR	NR	NR	ND	ND	ND	0.7 J	0.5 J	0.6 J	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NR	NR	NR	10	ND	1	2	0.9 J	1	0.48 J	ND	0.92 J	ND	ND
1,3-Butadiene	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	0.7 J	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	0.7 J	ND	ND	0.81 J	0.41 J	ND
1,4-Dioxane	NR	NR	NR	ND	ND	ND	0.7 J	0.7 J	0.6 J	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	0.97 J	ND
2-Butanone	NR	NR	NR	4	1	6	6	2	1	3.6 J	ND	ND	3.3 J	ND
2-Hexanone	NR	NR	NR	ND	ND	ND	0.7 J	0.6 J	0.4 J	ND	ND	ND	ND	ND
2-Propanol	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
3-Chloro-1-propene	NR	NR	NR	ND	ND	ND	0.4 J	ND	ND	ND	ND	ND	ND	ND
4-Ethyltoluene	NR	NR	NR	7	ND	ND	3	0.8 J	1	0.94 J	0.53 J	1.3 J	1.6 J	ND
4-Methyl-2-pentanone	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Acetone	NR	NR	NR	11	3	15	27	9	4	25	4.7 J	7.8 J	17 J	6.2 J
alpha-Chlorotoluene	NR	NR	NR	ND	ND	ND	0.5 J	ND	0.7 J	ND	ND	ND	ND	ND
Acrylonitrile	NR	NR	NR	ND	ND	ND	0.3 J	0.4 J	ND	NR	NR	NR	NR	NR
Benzene	NR	NR	NR	ND	ND	4	1	0.6 J	0.6 J	ND	ND	0.63 J	1.0 J	ND
Benzyl Chloride	NR	NR	NR	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Bromodichloromethane	NR	NR	NR	ND	ND	ND	1 J	1 J	0.9 J	ND	ND	ND	ND	ND
Bromoform	NR	NR	NR	ND	ND	ND	1 J	1 J	1 J	ND	ND	ND	ND	ND
Bromomethane	NR	NR	NR	ND	ND	ND	0.8	0.6 J	0.5 J	ND	ND	ND	ND	ND
Carbon Disulfide	NR	NR	NR	ND	ND	ND	0.9	0.6 J	0.6 J	ND	ND	1.8 J	6.9 J	ND
Carbon Tetrachloride	NR	NR	NR	ND	ND	ND	1	1 J	1	ND	ND	ND	ND	ND
Chlorobenzene	NR	NR	NR	ND	ND	ND	0.6 J	0.5 J	0.6 J	ND	ND	2.9 J, B	ND	ND
Chlorodibromomethane	NR	NR	NR	ND	ND	ND	1 J	0.9 J	1 J	NR	NR	NR	NR	NR
Chloroethane	NR	NR	NR	ND	ND	ND	0.7	0.4 J	0.4 J	ND	ND	ND	ND	ND
Chloroform	NR	NR	NR	ND	2	ND	0.9 J	4	3	0.78 J	1.0 J	3.2 J	ND	ND
Chloromethane	NR	NR	NR	0.9	ND	ND	3	0.5	0.4	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	6.6	20	ND	ND	ND	1	10	16	8.1	9.7	13	16	13
cis-1,3-Dichloropropene	NR	NR	NR	ND	13	ND	0.5 J	ND	0.5 J	ND	ND	ND	ND	ND
Cumene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Cyclohexane	NR	NR	NR	ND	ND	3	0.7 J	0.6 J	0.5 J	ND	ND	ND	0.91 J	ND
Dichlorodifluoromethane	NR	NR	NR	2	2	2	3	2	3	ND	ND	ND	ND	ND
Diisopropyl ether	NR	NR	NR	ND	ND	ND	ND	0.6 J	ND	NR	NR	NR	NR	NR
Ethanol	NR	NR	NR	5	1	37	19	3	2	15	1.1 J	2.8 J	15	ND
Ethyl Acetate	NR	NR	NR	ND	ND	2	ND	ND	ND	NR	NR	NR	NR	NR
Ethyl tert-butyl ether	NR	NR	NR	ND	ND	ND	0.5 J	0.5 J	0.4 J	NR	NR	NR	NR	NR
Ethylbenzene	NR	NR	NR	4	ND	3	3	0.9	1	ND	ND	ND	ND	ND
Freon 11	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.1 J	0.87 J	1.5 J	1.6 J	1.6 J
Freon 113	NR	NR	NR	ND	2	ND	2	3	3	1.8 J	5.5 J	3.2 J	11	8.1
Freon 114	NR	NR	NR	ND	ND	ND	1 J	1 J	1 J	ND	ND	ND	ND	ND
Freon 12	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.3 J	1.8 J	2.0 J	2.7 J	3.1 J
Heptane	NR	NR	NR	ND	ND	3	3	0.5 J	0.5 J	ND	ND	ND	1.2 J	ND
Hexachlorobutadiene	NR	NR	NR	ND	ND	ND	2 J	1 J	2 J	ND	ND	ND	ND	ND
Hexane	NR	NR	NR	2	ND	11	2	1	0.5 J	ND	ND	ND	2.5 J	ND
iso-Octane	NR	NR	NR	ND	ND	4	1	0.7 J	0.7 J	NR	NR	NR	NR	NR
Isopropylbenzene	NR	NR	NR	ND	ND	ND	0.8 J	0.6 J	0.8 J	NR	NR	NR	NR	NR
Isoproyl alcohol	NR	NR	NR	ND	ND	6	9	2	7	NR	NR	NR	NR	NR
m,p-Xylene	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.91 J	1.0 J	2.0 J	3.1 J	ND
Methyl Methacrylate	NR	NR	NR	ND	ND	ND	0.6 J	0.5 J	0.4 J	NR	NR	NR	NR	NR
Methyl-tert-Butyl-Ether	NR	NR	NR	ND	ND	1	0.7 J	0.7 J	0.4 J	ND	ND	ND	ND	ND
Methylene Chloride	NR	NR	NR	6	0.8	48	7	5	1	0.94 J	ND	ND	1.0 J	ND
MIBK	NR	NR	NR	ND	ND	ND	0.8 J	0.6 J	0.5 J	NR	NR	NR	NR	NR
Naphthalene	NR	NR	NR	3	ND	1	6	0.8 J	8	NR	NR	NR	NR	NR
n-Butane	NR	NR	NR	0.5	ND	23	2	0.6	ND	NR	NR	NR	NR	NR
o-Xylene	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.49 J	ND	ND	1.0 J	ND
p-Isopropyltoluene	NR	NR	NR	ND	ND	ND	0.9 J	0.6 J	0.7 J	NR	NR	NR	NR	NR
n-Propylbenzene	NR	NR	NR	4	ND	ND	2	0.7 J	1	ND	ND	0.68 J	ND	ND
Propylene	NR	NR	NR	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Styrene	NR	NR	NR	ND	ND	ND	0.5 J	ND	0.5 J	ND	ND	ND	ND	ND
tert-Amyl methyl ether	NR	NR	NR	ND	ND	ND	0.5 J	0.5 J	0.5 J	NR	NR	NR	NR	NR
tert-Butyl Alcohol	NR	NR	NR	1	ND	ND	4	0.6 J	0.4 J	NR	NR	NR	NR	NR
Tetrachloroethene	70	9.1	240	ND	55	5	2	95	100	31	43	100	77	66
Tetrahydrofuran	NR	NR	NR	5	2	ND	4	2	2	1.0 J	0.99 J	ND	3.1	2.0 J
Toluene	NR	NR	NR	4	ND	14	5	2	1	0.60 J	ND	0.79 J	6.6	ND
Total Xylenes	NR	NR	NR	28	ND	11	17	4	6	NR	NR	NR	NR	NR
trans-1,2-Dichloroethene	ND	ND	1.6	ND	ND	ND	0.5 J	1	1	ND	ND	1.5 J	ND	ND
trans-1,3-Dichloropropene	NR	NR	NR	ND	ND	ND	0.5 J	ND	0.5 J	ND	ND	ND	ND	ND
Trichloroethene	76	6.3	370	ND	120	7	1	170	200	110	140	260	180	160
Trichlorofluoromethane	NR	NR	NR	1	1	2	2	2	2	NR	NR	NR	NR	NR
Vinyl Acetate	NR	NR	NR	ND	ND	ND	3	ND	ND	NR	NR	NR	NR	NR
Vinyl Bromide	NR	NR	NR	ND	ND	ND	0.7 J	ND	0.6 J	NR	NR	NR	NR	NR
Vinyl Chloride	ND	ND	ND	ND	ND	ND	0.4 J	0.4 J	0.3 J	ND	ND	ND	ND	ND

Notes:
$\mu g/m^3$ = micrograms per cubic meter
NR = Not Recorded
NA = Data not available
ND = Not detected above method detection limit

Table 5
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Quarterly Vapor Monitoring Results of SVE Wells
Through First Quarter 2013

Sample ID	SVE 105D													
Sample Date	12/21/09	03/31/10	06/09/10	09/16/10	12/08/10	03/30/11	06/28/11	09/06/11	12/02/11	02/10/12	05/11/12	09/11/12	12/05/12	01/15/13
Analysis by TO-15 ($\mu g/m^3$)														
1,1,1-Trichloroethane	550	47	320	1000	590	ND	1 J	490	930	350	320	270	380	430
1,1,2,2-Tetrachloroethane	NR	NR	NR	ND	ND	ND	0.9 J	8 J	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NR	NR	NR	ND	ND	ND	0.8 J	6 J	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	300	28	270	250	ND	ND	0.6 J	74	150	69	78	72	110	110
1,1-Dichloroethene	3.9	ND	ND	2	4	4	0.6 J	6 J	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NR	NR	NR	ND	ND	ND	0.9 J	7 J	ND	NR	NR	NR	NR	NR
1,2,3-Trimethylbenzene	NR	NR	NR	8	ND	ND	3	ND	ND	NR	NR	NR	NR	NR
1,2,4-Trichlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NR	NR	NR	30	4	2	8	ND	ND	ND	3.4 J	2.8 J	ND	ND
1,2-Dibromoethane	NR	NR	NR	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	NR	NR	NR	ND	ND	ND	4	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	NR	ND	ND	ND	ND	ND	4	5 J	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NR	NR	NR	ND	ND	ND	0.7 J	5 J	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NR	NR	NR	6	ND	ND	2	ND	ND	ND	ND	ND	ND	ND
1,3-Butadiene	NR	NR	NR	ND	ND	ND	0.4	3 J	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NR	NR	NR	ND	ND	ND	0.6 J	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NR	NR	NR	ND	ND	ND	0.7 J	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NR	NR	NR	ND	ND	ND	0.8	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
2-Butanone	NR	NR	NR	7	2	2	4	6 J	ND	ND	ND	ND	ND	ND
2-Hexanone	NR	NR	NR	ND	ND	ND	0.7 J	7 J	ND	ND	ND	ND	ND	ND
2-Propanol	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
3-Chloro-1-propene	NR	NR	NR	ND	ND	ND	0.5 J	3 J	ND	ND	ND	ND	ND	ND
4-Ethyltoluene	NR	NR	NR	5	ND	ND	2	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Acetone	NR	NR	NR	35	5	11	22	10	5	ND	15 J	10 J	5.3 J	ND
alpha-Chlorotoluene	NR	NR	NR	ND	ND	ND	0.7 J	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NR	NR	NR	ND	ND	ND	0.4 J	4 J	ND	NR	NR	NR	NR	NR
Benzene	NR	NR	NR	ND	1	3	1	4 J	ND	ND	ND	ND	ND	ND
Benzyl Chloride	NR	NR	NR	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Bromodichloromethane	NR	NR	NR	6	ND	ND	1 J	8 J	ND	ND	ND	ND	ND	ND
Bromoform	NR	NR	NR	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NR	NR	NR	ND	ND	ND	0.6 J	6 J	ND	ND	ND	ND	ND	ND
Carbon Disulfide	NR	NR	NR	ND	ND	ND	0.8	4 J	ND	ND	ND	3.9 J	ND	ND
Carbon Tetrachloride	NR	NR	NR	3	6	ND	1	10 J	ND	4.0 J	8.1 J	ND	ND	6.3 J
Chlorobenzene	NR	NR	NR	ND	ND	ND	1	ND	ND	ND	ND	5.9 J, B	ND	ND
Chlorodibromomethane	NR	NR	NR	ND	ND	ND	1 J	9 J	ND	NR	NR	NR	NR	NR
Chloroethane	NR	NR	NR	1	1	ND	0.5 J	4 J	ND	ND	ND	ND	ND	ND
Chloroform	NR	NR	NR	ND	4	ND	0.8 J	10 J	3 J	ND	2.7 J	3.8 J	ND	ND
Chloromethane	NR	NR	NR	1	ND	ND	2	3 J	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	61	36	85	300	ND	ND	0.7 J	150	380	190	220	150	210	200
cis-1,3-Dichloropropene	NR	NR	NR	ND	ND	ND	0.6 J	ND	ND	ND	ND	ND	ND	ND
Cumene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Cyclohexane	NR	NR	NR	ND	ND	1	0.8	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NR	NR	NR	2	5	2	3	9 J	3 J	ND	ND	ND	ND	ND
Diisopropyl ether	NR	NR	NR	2	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Ethanol	NR	NR	NR	8	2	26	12	10	10	5.2 J	ND	ND	ND	ND
Ethyl Acetate	NR	NR	NR	2	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Ethyl tert-butyl ether	NR	NR	NR	ND	ND	ND	0.6 J	4 J	ND	NR	NR	NR	NR	NR
Ethylbenzene	NR	NR	NR	4	ND	2	3	ND	ND	ND	ND	ND	ND	ND
Freon 11	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Freon 113	NR	NR	NR	81	89	ND	2	62	40	18 J	43	37	64	58
Freon 114	NR	NR	NR	ND	ND	ND	1 J	10 J	ND	ND	ND	ND	ND	ND
Freon 12	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	2.9 J	ND	4.4 J
Heptane	NR	NR	NR	ND	ND	1	0.9	5 J	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NR	NR	NR	ND	ND	ND	2 J	ND	ND	ND	ND	ND	ND	ND
Hexane	NR	NR	NR	5	2	5	2	4 J	ND	ND	ND	ND	ND	ND
iso-Octane	NR	NR	NR	ND	ND	2	1	7 J	ND	NR	NR	NR	NR	NR
Isopropylbenzene	NR	NR	NR	ND	ND	ND	0.8 J	ND	ND	NR	NR	NR	NR	NR
Isoproyl alcohol	NR	NR	NR	2	ND	2	2	6	ND	NR	NR	NR	NR	NR
m,p-Xylene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	1.9 J	3.1 J	ND	ND
Methyl Methacrylate	NR	NR	NR	ND	ND	ND	0.7 J	4 J	ND	NR	NR	NR	NR	NR
Methyl-tert-Butyl-Ether	NR	NR	NR	ND	ND	ND	0.7 J	4 J	ND	ND	ND	ND	ND	ND
Methylene Chloride	NR	NR	NR	16	5	2	6	8	3 J	8.4 J	ND	ND	ND	ND
MIBK	NR	NR	NR	ND	ND	ND	0.8 J	5 J	ND	NR	NR	NR	NR	NR
Naphthalene	NR	NR	NR	9	ND	ND	4	ND	ND	NR	NR	NR	NR	NR
n-Butane	NR	NR	NR	ND	2	13	2	4 J	ND	NR	NR	NR	NR	NR
o-Xylene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
p-Isopropyltoluene	NR	NR	NR	ND	ND	ND	0.8 J	ND	ND	NR	NR	NR	NR	NR
n-Propylbenzene	NR	NR	NR	3	ND	ND	1	ND	ND	ND	ND	ND	ND	ND
Propylene	NR	NR	NR	2	ND	1	ND	ND	ND	NR	NR	NR	NR	NR
Styrene	NR	NR	NR	ND	ND	ND	0.7 J	ND	ND	ND	ND	ND	ND	ND
tert-Amyl methyl ether	NR	NR	NR	ND	ND	ND	0.6 J	5 J	ND	NR	NR	NR	NR	NR
tert-Butyl Alcohol	NR	NR	NR	3	ND	ND	0.9	4 J	ND	NR	NR	NR	NR	NR
Tetrachloroethene	2100	1.1	650	270	420	ND	2	240	330	140	220	270	350	330
Tetrahydrofuran	NR	NR	NR	6	3	2	3	5 J	2 J	ND	1.6 J	1.3 J	ND	ND
Toluene	NR	NR	NR	3	2	8	14	4 J	ND	ND	ND	ND	ND	ND
Total Xylenes	NR	NR	NR	22	ND	10	20	ND	ND	NR	NR	NR	NR	NR
trans-1,2-Dichloroethene	19	1.1	3.1	3	ND	ND	0.6 J	7 J	3 J	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NR	NR	NR	ND	ND	ND	0.5 J	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	1700	68	200	1100	1400	1	2	3000	7000	3600	4500	2200	3800	3800
Trichlorofluoromethane	NR	NR	NR	ND	3	1	2	9 J	ND	NR	NR	NR	NR	NR
Vinyl Acetate	NR	NR	NR	2	ND	ND	ND	4 J	ND	NR	NR	NR	NR	NR
Vinyl Bromide	NR	NR	NR	ND	ND	ND	0.8 J	6 J	ND	NR	NR	NR	NR	NR
Vinyl Chloride	ND	ND	ND	ND	ND	ND	0.4 J	4 J	ND	ND	ND	ND	ND	ND

Notes:
$\mu g/m^3$ = micrograms per cubic meter
NR = Not Recorded
NA = Data not available
ND = Not detected above method detection limit

Table 5
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Quarterly Vapor Monitoring Results of SVE Wells
Through First Quarter 2013

Sample ID	SVE 106I													
Sample Date	12/21/09	03/31/10	06/09/10	09/16/10	12/08/10	03/30/11	06/28/11	09/06/11	10/14/11	02/10/12	05/11/12	09/11/12	12/05/12	01/15/13
Analysis by TO-15 (µg/m^3)														
1,1,1-Trichloroethane	220	8.6	ND	4	ND	NA	6	3	7	1.0 J	2.2 J	11	ND	ND
1,1,2,2-Tetrachloroethane	NR	NR	NR	ND	ND	NA	1 J	0.8 J	1 J	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NR	NR	NR	ND	ND	NA	0.7 J	0.6 J	0.8 J	ND	ND	ND	ND	ND
1,1-Dichloroethane	120	ND	ND	1	ND	NA	1	0.5 J	1	0.62 J	0.70 J	1.6 J	2.5 J	1.9 J
1,1-Dichloroethene	ND	ND	ND	ND	ND	NA	0.6 J	2	0.6 J	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NR	NR	NR	ND	ND	NA	0.9 J	0.6 J	0.9 J	NR	NR	NR	NR	NR
1,2,3-Trimethylbenzene	NR	NR	NR	9	ND	NA	9	1	2	NR	NR	NR	NR	NR
1,2,4-Trichlorobenzene	NR	NR	NR	2	ND	NA	2	ND	0.8 J	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NR	NR	NR	29	ND	NA	29	3	6	1.1 J	2.2 J	3.2 J	1.2 J	ND
1,2-Dibromoethane	NR	NR	NR	ND	ND	NA	1 J	ND	1 J	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	NR	NR	NR	1	ND	NA	0.7 J	ND	0.9 J	ND	ND	ND	ND	ND
1,2-Dichloroethane	NR	ND	ND	0.8	ND	NA	0.6 J	0.5 J	0.6 J	ND	ND	ND	ND	ND
1,2-Dichloropropane	NR	NR	NR	ND	ND	NA	0.7 J	ND	0.7 J	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NR	NR	NR	6	ND	NA	5	0.9 J	1	ND	ND	0.84 J	ND	ND
1,3-Butadiene	NR	NR	NR	1	ND	NA	ND	2	0.6	ND	0.87 J	ND	ND	ND
1,3-Dichlorobenzene	NR	NR	NR	ND	ND	NA	ND	ND	0.7 J	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NR	NR	NR	ND	ND	NA	0.7 J	2	0.7 J	ND	ND	0.74 J	0.36 J	ND
1,4-Dioxane	NR	NR	NR	ND	ND	NA	0.7	0.5 J	0.6 J	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	120	ND	ND	620
2-Butanone	NR	NR	NR	4	ND	NA	7	0.5 J	2	0.70 J	ND	ND	ND	ND
2-Hexanone	NR	NR	NR	ND	ND	NA	1	0.6 J	0.5 J	ND	ND	ND	ND	ND
2-Propanol	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	2.1 J
3-Chloro-1-propene	NR	NR	NR	ND	ND	NA	0.4 J	0.5 J	0.4 J	ND	ND	ND	ND	ND
4-Ethyltoluene	NR	NR	NR	5	ND	NA	5	1	1	0.37 J	2.0 J	2.5 J	0.93 J	ND
4-Methyl-2-pentanone	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Acetone	NR	NR	NR	5	5	NA	22	11	9	5.6 J	9.5 J	3.7 J	7.5 J	8.6 J
alpha-Chlorotoluene	NR	NR	NR	ND	ND	NA	0.6 J	ND	0.7 J	ND	ND	ND	ND	ND
Acrylonitrile	NR	NR	NR	0.4	ND	NA	0.4 J	0.4 J	ND	NR	NR	NR	NR	NR
Benzene	NR	NR	NR	0.8	ND	NA	0.9	0.9	0.6 J	ND	ND	ND	ND	3.7
Benzyl Chloride	NR	NR	NR	1	ND	NA	0.7 J	ND	ND	NR	NR	NR	NR	NR
Bromodichloromethane	NR	NR	NR	ND	ND	NA	0.8 J	0.5 J	1 J	ND	ND	ND	ND	ND
Bromoform	NR	NR	NR	ND	ND	NA	1 J	0.3 J	2 J	ND	ND	ND	ND	ND
Bromomethane	NR	NR	NR	0.9	ND	NA	0.6 J	2	0.6 J	ND	ND	ND	ND	ND
Carbon Disulfide	NR	NR	NR	0.8	ND	NA	0.8	0.5 J	0.6	ND	ND	2.2 J	ND	ND
Carbon Tetrachloride	NR	NR	NR	2	ND	NA	1	ND	3	0.91 J	0.55 J	ND	2.9 J	2.0 J
Chlorobenzene	NR	NR	NR	ND	ND	NA	0.7 J	0.3 J	0.7 J	ND	ND	2.5 J, B	ND	ND
Chlorodibromomethane	NR	NR	NR	ND	ND	NA	1 J	1	1 J	NR	NR	NR	NR	NR
Chloroethane	NR	NR	NR	0.6	ND	NA	0.7	0.8	0.5 J	ND	ND	ND	ND	ND
Chloroform	NR	NR	NR	1	ND	NA	2	0.4 J	2	ND	1.4 J	1.5 J	ND	ND
Chloromethane	NR	NR	NR	0.8	0.8	NA	2	ND	0.4	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	46	ND	ND	4	ND	NA	6	0.5 J	4	1.6 J	2.3 J	7.5	5.4	3.7
cis-1,3-Dichloropropene	NR	NR	NR	ND	ND	NA	0.6 J	ND	0.5 J	ND	ND	ND	ND	ND
Cumene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Cyclohexane	NR	NR	NR	ND	ND	NA	0.6 J	ND	0.4 J	ND	2.9	ND	ND	ND
Dichlorodifluoromethane	NR	NR	NR	3	2	NA	3	0.8 J	3	ND	ND	ND	ND	ND
Diisopropyl ether	NR	NR	NR	ND	ND	NA	ND	ND	ND	NR	NR	NR	NR	NR
Ethanol	NR	NR	NR	3	2	NA	15	9	1	1.6 J	ND	ND	ND	3.4 J
Ethyl Acetate	NR	NR	NR	ND	ND	NA	ND	ND	ND	NR	NR	NR	NR	NR
Ethyl tert-butyl ether	NR	NR	NR	ND	ND	NA	0.6 J	0.4 J	0.5 J	NR	NR	NR	NR	NR
Ethylbenzene	NR	NR	NR	3	ND	NA	4	2	1	ND	3.6	1.4 J	ND	ND
Freon 11	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.2 J	0.96 J	1.5 J	1.3 J	1.4 J
Freon 113	NR	NR	NR	4	ND	NA	5	4	12	12	6.5	3.0 J	13	22
Freon 114	NR	NR	NR	2	ND	NA	1 J	0.9 J	1 J	ND	ND	ND	ND	ND
Freon 12	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.1 J	2.2 J	2.9 J	2.7 J	3.0 J
Heptane	NR	NR	NR	ND	ND	NA	0.8 J	0.7 J	0.5 J	ND	7.6	ND	ND	29
Hexachlorobutadiene	NR	NR	NR	2	ND	NA	2 J	1 J	2 J	ND	ND	ND	ND	ND
Hexane	NR	NR	NR	0.8	ND	NA	1	1	1	ND	ND	ND	ND	7.4
iso-Octane	NR	NR	NR	1	ND	NA	19	0.9 J	0.8 J	NR	NR	NR	NR	NR
Isopropylbenzene	NR	NR	NR	1	ND	NA	1	0.5 J	0.7 J	NR	NR	NR	NR	NR
Isoproyl alcohol	NR	NR	NR	1	ND	NA	13	1	1	NR	NR	NR	NR	NR
m,p-Xylene	NR	NR	NR	NR	NR	NA	NR	NR	NR	0.80 J	15	2.6 J	1.0 J	0.90 J
Methyl Methacrylate	NR	NR	NR	ND	ND	NA	0.5 J	ND	0.5 J	NR	NR	NR	NR	NR
Methyl-tert-Butyl-Ether	NR	NR	NR	ND	ND	NA	0.7 J	0.5 J	0.7	ND	ND	ND	ND	ND
Methylene Chloride	NR	NR	NR	2	0.8	NA	6	2	5	0.71 J	2.0 J	ND	ND	1.2 J
MIBK	NR	NR	NR	ND	ND	NA	0.8 J	0.4 J	0.5 J	NR	NR	NR	NR	NR
Naphthalene	NR	NR	NR	6	ND	NA	26	1	2	NR	NR	NR	NR	NR
n-Butane	NR	NR	NR	0.8	0.5	NA	1	0.5 J	ND	NR	NR	NR	NR	NR
o-Xylene	NR	NR	NR	NR	NR	NA	NR	NR	NR	ND	5.9	0.93 J	ND	ND
p-Isopropyltoluene	NR	NR	NR	2	ND	NA	1	ND	0.8 J	NR	NR	NR	NR	NR
n-Propylbenzene	NR	NR	NR	3	ND	NA	3	0.7 J	0.9 J	ND	0.48 J	0.54 J	ND	ND
Propylene	NR	NR	NR	ND	ND	NA	ND	ND	ND	NR	NR	NR	NR	NR
Styrene	NR	NR	NR	ND	ND	NA	0.7 J	ND	0.5 J	ND	ND	ND	ND	ND
tert-Amyl methyl ether	NR	NR	NR	ND	ND	NA	0.6 J	0.4 J	0.6 J	NR	NR	NR	NR	NR
tert-Butyl Alcohol	NR	NR	NR	0.9	ND	NA	2	1 J	0.8	NR	NR	NR	NR	NR
Tetrachloroethene	390	35	ND	15	ND	NA	15	7	19	4.3 J	7.2	27	14	7.0
Tetrahydrofuran	NR	NR	NR	6	ND	NA	8	2	2	0.87 J	1.2 J	ND	2.5	ND
Toluene	NR	NR	NR	2	ND	NA	5	3	1	0.44 J	3.4	0.93 J	0.73 J	4.8
Total Xylenes	NR	NR	NR	17	ND	NA	22	8	6	NR	NR	NR	NR	NR
trans-1,2-Dichloroethene	7.9	ND	3.1	0.9	ND	NA	0.8	0.5 J	0.7 J	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NR	NR	NR	ND	ND	NA	0.6 J	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	1900	41	ND	140	10	NA	210	92	190	69	110	260	180	110
Trichlorofluoromethane	NR	NR	NR	2	1	NA	2	2	2	NR	NR	NR	NR	NR
Vinyl Acetate	NR	NR	NR	1	ND	NA	3	ND	ND	NR	NR	NR	NR	NR
Vinyl Bromide	NR	NR	NR	0.9	ND	NA	0.7 J	0.5 J	0.7 J	NR	NR	NR	NR	NR
Vinyl Chloride	ND	ND	ND	0.5	ND	NA	0.4 J	0.3 J	0.4 J	ND	ND	ND	ND	ND

Notes:
µg/m^3 = micrograms per cubic meter
NR = Not Recorded
NA = Data not available
ND = Not detected above method detection limit

Table 5
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Quarterly Vapor Monitoring Results of SVE Wells
Through First Quarter 2013

Sample ID	SVE 106D													
Sample Date	12/21/09	03/31/10	06/09/10	09/16/10	12/08/10	03/30/11	06/28/11	09/06/11	10/14/11	02/10/12	05/11/12	09/11/12	12/05/12	01/15/13
Analysis by TO-15 ($\mu g/m^3$)														
1,1,1-Trichloroethane	340	32	30	20	12	9	20	23	29	ND	11	26	18	ND
1,1,2,2-Tetrachloroethane	NR	NR	NR	ND	ND	ND	ND	0.9 J	1 J	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NR	NR	NR	ND	ND	ND	ND	0.7 J	0.9 J	ND	ND	ND	ND	ND
1,1-Dichloroethane	250	6.3	ND	5	2	5	4	3	3	ND	3.0	4.3	5.8	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	0.5 J	0.7 J	0.8	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NR	NR	NR	ND	ND	ND	ND	0.7 J	1 J	NR	NR	NR	NR	NR
1,2,3-Trimethylbenzene	NR	NR	NR	8	ND	ND	6	ND	2	NR	NR	NR	NR	NR
1,2,4-Trichlorobenzene	NR	NR	NR	NR	ND	ND	1 J	ND	0.9 J	ND	1.9 J	ND	ND	ND
1,2,4-Trimethylbenzene	NR	NR	NR	17	2	2	23	ND	4	ND	ND	3.6 J	1.3 J	ND
1,2-Dibromoethane	NR	NR	NR	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND
1,2-Dichloroethane	NR	ND	ND	ND	ND	ND	ND	0.6 J	0.7 J	ND	ND	ND	ND	ND
1,2-Dichloropropane	NR	NR	NR	ND	ND	ND	ND	0.6 J	0.8 J	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NR	NR	NR	6	ND	ND	4	ND	1	ND	2.3 J	0.97 J	ND	ND
1,3-Butadiene	NR	NR	NR	ND	ND	ND	ND	0.3 J	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	0.8 J	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NR	NR	NR	ND	ND	ND	ND	ND	0.8 J	ND	ND	0.87 J	ND	ND
1,4-Dioxane	NR	NR	NR	ND	ND	ND	0.5 J	0.7 J	0.7 J	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	390	1.2 J	ND	0.76 J
2-Butanone	NR	NR	NR	8	2	0.8	5	1	2	ND	ND	4.0 J	ND	ND
2-Hexanone	NR	NR	NR	ND	ND	ND	ND	0.5 J	0.8 J	ND	ND	ND	ND	ND
2-Propanol	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
3-Chloro-1-propene	NR	NR	NR	ND	ND	ND	ND	0.4 J	0.4 J	ND	ND	ND	ND	ND
4-Ethyltoluene	NR	NR	NR	6	ND	ND	4	ND	1	ND	2.8 J	2.9 J	ND	ND
4-Methyl-2-pentanone	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
Acetone	NR	NR	NR	25	9	5	11	6	6	4.8 J	13 J	11 J	5.8 J	5.4 J
alpha-Chlorotoluene	NR	NR	NR	ND	ND	ND	ND	ND	0.9 J	ND	ND	ND	ND	ND
Acrylonitrile	NR	NR	NR	ND	ND	ND	0.4 J	0.4 J	ND	NR	NR	NR	NR	NR
Benzene	NR	NR	NR	ND	ND	ND	2	0.5 J	0.6 J	0.58 J	1.5 J	1.1 J	ND	0.66 J
Benzyl Chloride	NR	NR	NR	ND	ND	ND	ND	ND	0.6 J	NR	NR	NR	NR	NR
Bromodichloromethane	NR	NR	NR	ND	ND	ND	ND	0.9 J	1 J	ND	ND	ND	ND	ND
Bromoform	NR	NR	NR	ND	ND	ND	ND	ND	2 J	ND	ND	ND	ND	ND
Bromomethane	NR	NR	NR	ND	ND	ND	ND	0.6 J	0.7 J	ND	ND	ND	ND	ND
Carbon Disulfide	NR	NR	NR	ND	ND	ND	0.6 J	0.6 J	0.6	ND	ND	ND	8.1 J	ND
Carbon Tetrachloride	NR	NR	NR	8	26	17	9	6	18	ND	18	5.6	19	ND
Chlorobenzene	NR	NR	NR	ND	ND	ND	ND	0.5 J	0.8 J	ND	ND	3.1 J, B	1.0 J	ND
Chlorodibromomethane	NR	NR	NR	ND	ND	ND	ND	1 J	1 J	NR	NR	NR	NR	NR
Chloroethane	NR	NR	NR	ND	ND	ND	0.4 J	0.4 J	0.4 J	ND	ND	ND	ND	ND
Chloroform	NR	NR	NR	ND	2	2	5	5	5	ND	6.4	6.9	6.6	ND
Chloromethane	NR	NR	NR	3	1	0.5	0.7	0.5	0.6	1.2 J	ND	ND	ND	ND
cis-1,2-Dichloroethene	79	13	11	13	2	11	11	5	4	ND	4.1	7.1	8.2	ND
cis-1,3-Dichloropropene	NR	NR	NR	ND	ND	ND	ND	ND	0.7 J	ND	ND	ND	ND	ND
Cumene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	1.4 J	ND	ND	ND
Cyclohexane	NR	NR	NR	ND	ND	ND	1	0.4 J	0.4 J	ND	7.0	ND	0.83 J	ND
Dichlorodifluoromethane	NR	NR	NR	6	3	3	4	2	3	ND	ND	ND	ND	ND
Diisopropyl ether	NR	NR	NR	ND	ND	ND	ND	ND	1 J	NR	NR	NR	NR	NR
Ethanol	NR	NR	NR	8	3	2	17	4	ND	2.3 J	ND	8.8	2.3 J	3.7 J
Ethyl Acetate	NR	NR	NR	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Ethyl tert-butyl ether	NR	NR	NR	ND	ND	ND	ND	0.6 J	0.6 J	NR	NR	NR	NR	NR
Ethylbenzene	NR	NR	NR	5	ND	ND	5	ND	1	ND	6.3	1.2 J	ND	ND
Freon 11	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.2 J	1.3 J	2.7 J	2.0 J	1.4 J
Freon 113	NR	NR	NR	ND	18	30	16	25	25	ND	15	13	24	ND
Freon 114	NR	NR	NR	ND	ND	ND	ND	1 J	1 J	ND	ND	ND	ND	ND
Freon 12	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.1 J	2.3 J	3.3 J	2.6 J	2.8 J
Heptane	NR	NR	NR	ND	ND	ND	1	0.4 J	0.6 J	0.82 J	18	1.0 J	ND	ND
Hexachlorobutadiene	NR	NR	NR	ND	ND	ND	ND	1 J	2 J	ND	ND	ND	ND	ND
Hexane	NR	NR	NR	3	ND	ND	3	2	0.6 J	ND	ND	1.8 J	0.59 J	ND
iso-Octane	NR	NR	NR	ND	ND	ND	130	0.7 J	0.8 J	NR	NR	NR	NR	NR
Isopropylbenzene	NR	NR	NR	ND	ND	ND	0.8 J	0.5 J	0.8 J	NR	NR	NR	NR	NR
Isoproyl alcohol	NR	NR	NR	5	ND	2	3	2	ND	NR	NR	NR	NR	NR
m,p-Xylene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	21	4.2	1.1 J	ND
Methyl Methacrylate	NR	NR	NR	ND	ND	ND	ND	0.4 J	0.4 J	NR	NR	NR	NR	NR
Methyl-tert-Butyl-Ether	NR	NR	NR	ND	ND	ND	ND	1	0.5 J	ND	ND	ND	ND	ND
Methylene Chloride	NR	NR	NR	4	2	4	5	17	1	3.9	ND	1.7 J	1.2 J	0.72 J
MIBK	NR	NR	NR	ND	ND	ND	0.5 J	0.4 J	0.6 J	NR	NR	NR	NR	NR
Naphthalene	NR	NR	NR	8	ND	ND	25	ND	3	NR	NR	NR	NR	NR
n-Butane	NR	NR	NR	ND	1	0.9	6	0.9	ND	NR	NR	NR	NR	NR
o-Xylene	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	24	1.9 J	ND	ND
p-Isopropyltoluene	NR	NR	NR	ND	ND	ND	0.7 J	ND	0.9 J	NR	NR	NR	NR	NR
n-Propylbenzene	NR	NR	NR	ND	ND	ND	2	ND	0.9 J	ND	0.45 J	1.0 J	ND	ND
Propylene	NR	NR	NR	ND	ND	ND	ND	ND	MD	NR	NR	NR	NR	NR
Styrene	NR	NR	NR	ND	ND	ND	ND	ND	0.6 J	ND	ND	ND	ND	ND
tert-Amyl methyl ether	NR	NR	NR	ND	ND	ND	ND	0.5 J	0.6 J	NR	NR	NR	NR	NR
tert-Butyl Alcohol	NR	NR	NR	4	ND	ND	0.6 J	0.5 J	ND	NR	NR	NR	NR	NR
Tetrachloroethene	720	65	70	ND	13	19	41	8	66	ND	28	62	48	ND
Tetrahydrofuran	NR	NR	NR	8	2	1	7	2	2	ND	1.1 J	4.0	1.8 J	ND
Toluene	NR	NR	NR	5	2	2	11	0.5 J	3	0.81 J	11	15	6.6	0.60 J
Total Xylenes	NR	NR	NR	21	ND	ND	25	ND	6	NR	NR	NR	NR	NR
trans-1,2-Dichloroethene	15	ND	ND	ND	ND	ND	0.6 J	0.8	0.9	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NR	NR	NR	ND	ND	ND	ND	ND	0.6 J	ND	ND	ND	ND	ND
Trichloroethene	3400	600	900	230	130	170	210	260	320	ND	180	380	300	ND
Trichlorofluoromethane	NR	NR	NR	6	2	2	3	2	3	NR	NR	NR	NR	NR
Vinyl Acetate	NR	NR	NR	4	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Vinyl Bromide	NR	NR	NR	ND	ND	ND	ND	0.6 J	0.9	NR	NR	NR	NR	NR
Vinyl Chloride	ND	1.6	ND	ND	ND	ND	ND	0.4 J	0.5 J	ND	ND	ND	ND	ND

Notes:
$\mu g/m^3$ = micrograms per cubic meter
NR = Not Recorded
NA = Data not available
ND = Not detected above method detection limit

Table 6
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
First Quarter 2013 Off-site Soil Vapor Monitoring of SVPMs

SVPM/ SVEW Location	Vacuum Reading (i.w.) Pre- Vapor Sample Collection	Vacuum Reading (i.w.) Post- Vapor Sample Collection	Valve Position (% open)
Monitoring Date:	***1/15/13***	***1/16/13***	***1/15/13***
BPS1-SVPM2001S	0.01	0.01	--
BPS1-SVPM2001I	0.02	0.01	--
BPS1-SVPM2001D	0.01	0.01	--
BPS1-SVPM2002S	0.02	0.02	--
BPS1-SVPM2002I	0.01	0.02	--
BPS1-SVPM2002D	0.01	0.01	--
BPS1-SVPM2003S	0.03	0.02	--
BPS1-SVPM2003I	0.03	0.04	--
BPS1-SVPM2003D	0.01	0.04	--
BPS1-SVPM2004S	0.03	0.02	--
BPS1-SVPM2004I	0.02	0.01	--
BPS1-SVPM2004D	0.03	0.01	--
BPS1-SVPM2006S	0.01	0.01	--
BPS1-SVPM2006I	0.01	0.01	--
BPS1-SVPM2006D	0.01	0.01	--
BPS1-SVPM2007S	0.01	0.01	--
BPS1-SVPM2007I	0.01	0.01	--
BPS1-SVPM2007D	0.01	0.01	--
SV-101I	10	--	30
SV-101D	16	--	30
SV-102I	16	--	30
SV-102D	10	--	30
SV-103I	20	--	30
SV-103D	10	--	30
SV-104I	20	--	30
SV-104D	10	--	30
SV-105I	16	--	30
SV-105D	8	--	30
SV-106I	16	--	30
SV-106D	10	--	30

Notes:
i.w. = inches of water column
SVEW = soil vapor extraction well
SVPM = soil vapor pressure monitor

Vacuum readings for the SVPMs were measured using a portable Magnehelic® Differential Pressure Gauge 2000-0, with a range of 0-0.50 i.w. Vacuum readings for SVEWs were recorded from dedicated in-line pressure gauges.

Table 7
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Historical Quarterly Off-site Soil Vapor Monitoring of SVPMs
Through First Quarter 2013

	Third Quarter 2012		*Fourth Quarter 2012*		*First Quarter 2013*		
SVPM/ SVEW Location	**Vacuum Reading (i.w.)**	**Valve Position (% open)**	**Vacuum Reading (i.w.)**	**Valve Position (% open)**	**Vacuum Reading (i.w.) Pre-Vapor Sample Collection**	**Vacuum Reading (i.w.) Post-Vapor Sample Collection**	**Valve Position (% open)**
Monitoring Date:	***10/10/2012***		***12/6/2012***		***1/15/13***	***1/16/13***	***1/15/13***
BPS1-SVPM2001S	0.01	--	0.02	--	0.01	0.01	--
BPS1-SVPM2001I	0.01	--	0.02	--	0.02	0.01	--
BPS1-SVPM2001D	0.01	--	0.01	--	0.01	0.01	--
BPS1-SVPM2002S	0.02	--	0.01	--	0.02	0.02	--
BPS1-SVPM2002I	0.11	--	0.10	--	0.01	0.02	--
BPS1-SVPM2002D	0.12	--	0.10	--	0.01	0.01	--
BPS1-SVPM2003S	0.01	--	0.01	--	0.03	0.02	--
BPS1-SVPM2003I	0.04	--	0.02	--	0.03	0.04	--
BPS1-SVPM2003D	0.04	--	0.02	--	0.01	0.04	--
BPS1-SVPM2004S	0.04	--	0.04	--	0.03	0.02	--
BPS1-SVPM2004I	0.04	--	0.04	--	0.02	0.01	--
BPS1-SVPM2004D	0.06	--	0.04	--	0.03	0.01	--
BPS1-SVPM2006S	0.01	--	0.01	--	0.01	0.01	--
BPS1-SVPM2006I	0.01	--	0.01	--	0.01	0.01	--
BPS1-SVPM2006D	0.02	--	0.02	--	0.01	0.01	--
BPS1-SVPM2007S	0.01	--	0.01	--	0.01	0.01	--
BPS1-SVPM2007D	0.01	--	0.01	--	0.01	0.01	--
BPS1-SVPM2007I	0.01	--	0.01	--	0.01	0.01	--
SV-101I	5	60	7	30	10	--	30
SV-101D	10	60	16	30	16	--	30
SV-102I	5	40	3	30	16	--	30
SV-102D	10	40	18	30	10	--	30
SV-103I	5	40	2	30	20	--	30
SV-103D	8	40	24	30	10	--	30
SV-104I	8	40	6	30	20	--	30
SV-104D	11	40	10	30	10	--	30
SV-105I	5	40	9	30	16	--	30
SV-105D	8	40	7	30	8	--	30
SV-106I	5	40	8	30	16	--	30
SV-106D	8	40	12	30	10	--	30

Notes:
i.w. = inches of water column
SVEW = soil vapor extraction well
SVPM = soil vapor pressure monitor

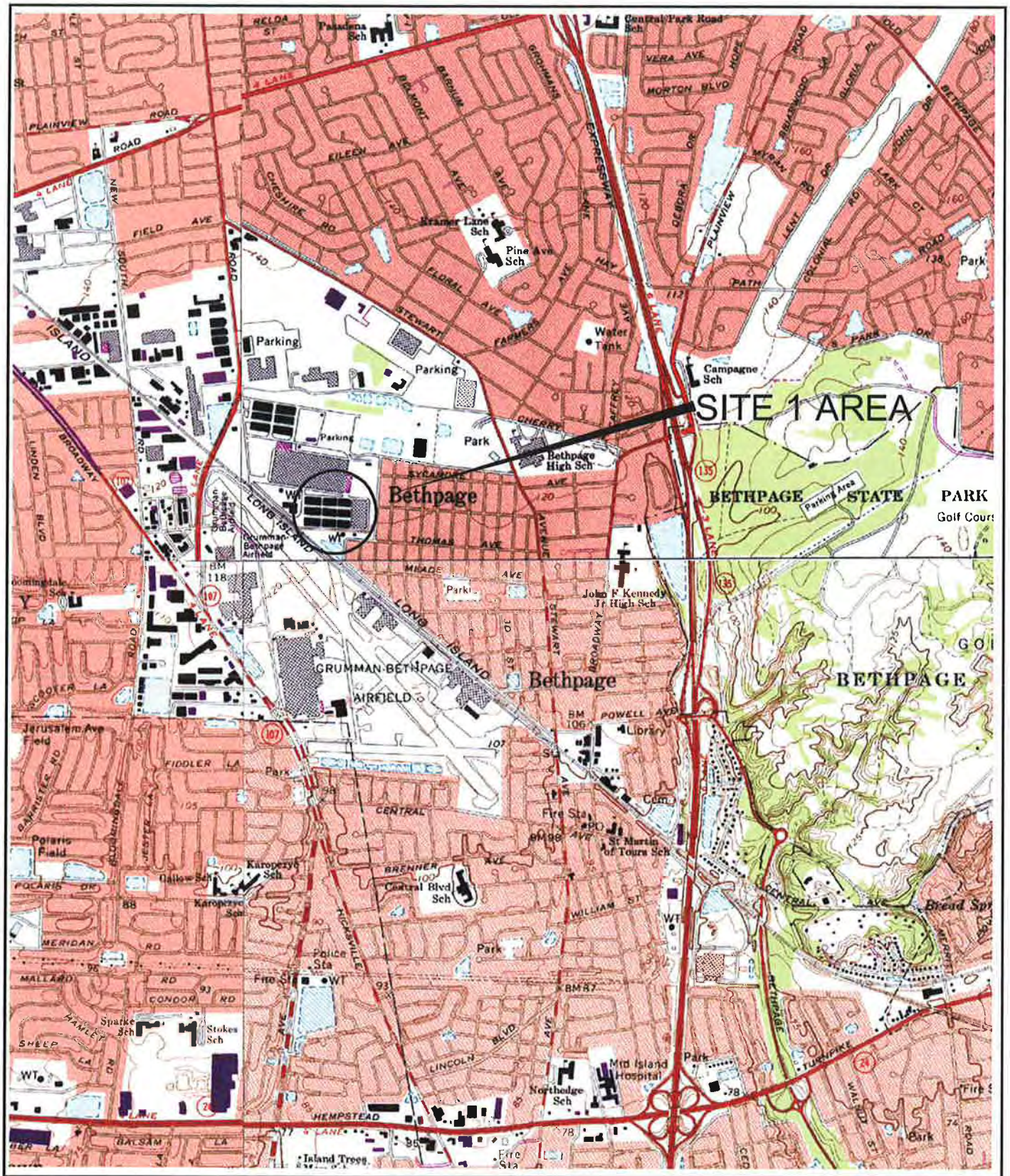
Vacuum readings for the SVPMs were measured using a portable Magnehelic® Differential Pressure Gauge 2000-0, with a range of 0-0.50 i.w. Vacuum readings for SVEWs were recorded from dedicated in-line vacuum gauges.

Table 8
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Annual Off-site Vapor Analytical Results Summary of SVPMs
January 2013

Sample ID	Screening Value [2]	SVPM 2001S	SVPM 2001I	SVPM 2001D		SVPM 2002S	SVPM 2002I	SVPM 2002D	SVPM 2003S	SVPM 2003I	SVPM 2003D	SVPM 2004S	SVPM 2004I	SVPM 2004D	SVPM 2006S	SVPM 2006I	SVPM 2006D	SVPM 2007S	SVPM 2007I	SVPM 2007D	
Sample Date		01/15/13	01/15/13	01/15/13	1/15/13 - Duplicate	01/15/13	01/15/13	01/15/13	01/16/13	01/16/13	01/16/13	01/16/13	01/16/13	01/16/13	01/16/13	01/16/13	01/16/13	01/16/13	01/16/13	01/16/13	1/16/13 - Duplicate
Analysis by TO-15 (µg/m^3)																					
1,1,1-Trichloroethane [1]	**1,000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.3 J**	**1.1 J**
2,2,4-Trimethylpentane	--	ND	ND	ND	ND	ND	ND	ND	**1.5 J**	ND	ND	**0.42 J**	ND	ND	ND	ND	**0.42 J**	ND	ND	**1.8 J**	ND
2-Butanone	--	ND	ND	ND	ND	ND	ND	ND	**2.8 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**48 J**	ND
Benzene	--	ND	**2.1 J**	**1.5 J**	**1.7 J**	**0.98 J**	**1.8 J**	**12**	**1.1 J**	ND	**0.95 J**	ND	ND	ND	ND	ND	ND	ND	**3.6**	**1.3 J**	ND
Carbon Tetrachloride	**250**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.6 J**	ND	ND	ND	ND	ND	ND	ND
Chloroform	--	ND	ND	ND	ND	ND	ND	ND	ND	**39**	ND	ND	ND	**4.4**	ND	**4.2**	**3.5 J**	ND	**0.76 J**	**2.1 J**	**2.5 J**
cis-1,2-Dichloroethene [1]	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**5.4**	**340**	**190**	**13**	ND	**9.8**	**11**
Cumene	--	ND	ND	ND	ND	ND	ND	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.89 J**	ND	ND
Cyclohexane	--	ND	**2.1 J**	ND	ND	ND	ND	ND	**2.2 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.5 J**	ND
Ethanol	--	ND	ND	ND	ND	ND	ND	ND	**17**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	--	ND	ND	ND	ND	ND	ND	ND	**1.6 J**	ND	ND	ND	**0.66 J**	ND	ND	ND	ND	ND	ND	**1.3 J**	ND
Freon 12	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**9.5**	**12**
Heptane	--	ND	ND	ND	ND	ND	ND	ND	**2.2 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3.4**	ND
Hexane	--	ND	ND	ND	ND	ND	ND	ND	**1.8 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.7 J**	ND
o-Xylene	--	ND	ND	ND	ND	ND	ND	ND	**2.0 J**	ND	ND	**0.45 J**	**0.46 J**	ND	ND	ND	ND	ND	ND	**1.7 J**	ND
Propylbenzene	--	ND	ND	ND	ND	ND	ND	ND	**0.36 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene [1]	**1,000**	ND	ND	ND	ND	ND	ND	ND	**1.6 J**	**0.97 J**	ND	**1.0 J**	**0.68 J**	**2.3 J**	**1.0 J**	**1.9 J**	**1.4 J**	**1.1 J**	**1.8 J**	**2.2 J**	**1.8 J**
Tetrahydrofuran	--	**1.8 J**	ND	**1.7 J**	ND	**1.9 J**	**3.1**	ND	**1.4 J**	**1.4 J**	ND	**0.87 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	--	ND	**9.4**	**6.6**	**6.2**	ND	ND	ND	**15**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10 J**	ND
trans-1,2-Dichloroethene [1]	--	ND	ND	ND	ND	ND	ND	ND	**2.3 J**	ND	ND	ND	ND	ND	ND	**4.6**	**2.2 J**	ND	ND	**1.3 J**	ND
Trichloroethene [1]	**250**	ND	ND	ND	ND	ND	**12**	ND	**4.9**	ND	ND	ND	ND	ND	ND	**47**	**17**	**5.0**	ND	**5.5 J**	**2.9 J**

Notes:
All samples were analyzed for full list VOCs by modified method TO-15. Only detected analytes are presented above.
µg/m^3 = micrograms per cubic meter
J = Estimated value
ND = Not detected above laboratory method detection limit (MDL)
SVPM = soil vapor pressure monitor
Bolded value indicates detected analyte.
(1) Site specific compound specified in the *Final Supplemental Offsite Soil Vapor Intrusion Monitoring Plan for the Soil Vapor Extraction Containment System Site 1 – Former Drum Marshalling Area, NWIRP Bethpage, New York* (Tetra Tech 2012).
(2) Screening Value is the New York State Department of Health (NYSDOH) air guideline value for subslab.

FIGURES



Quadrangle Location Map

0 2000 4000 Feet

N

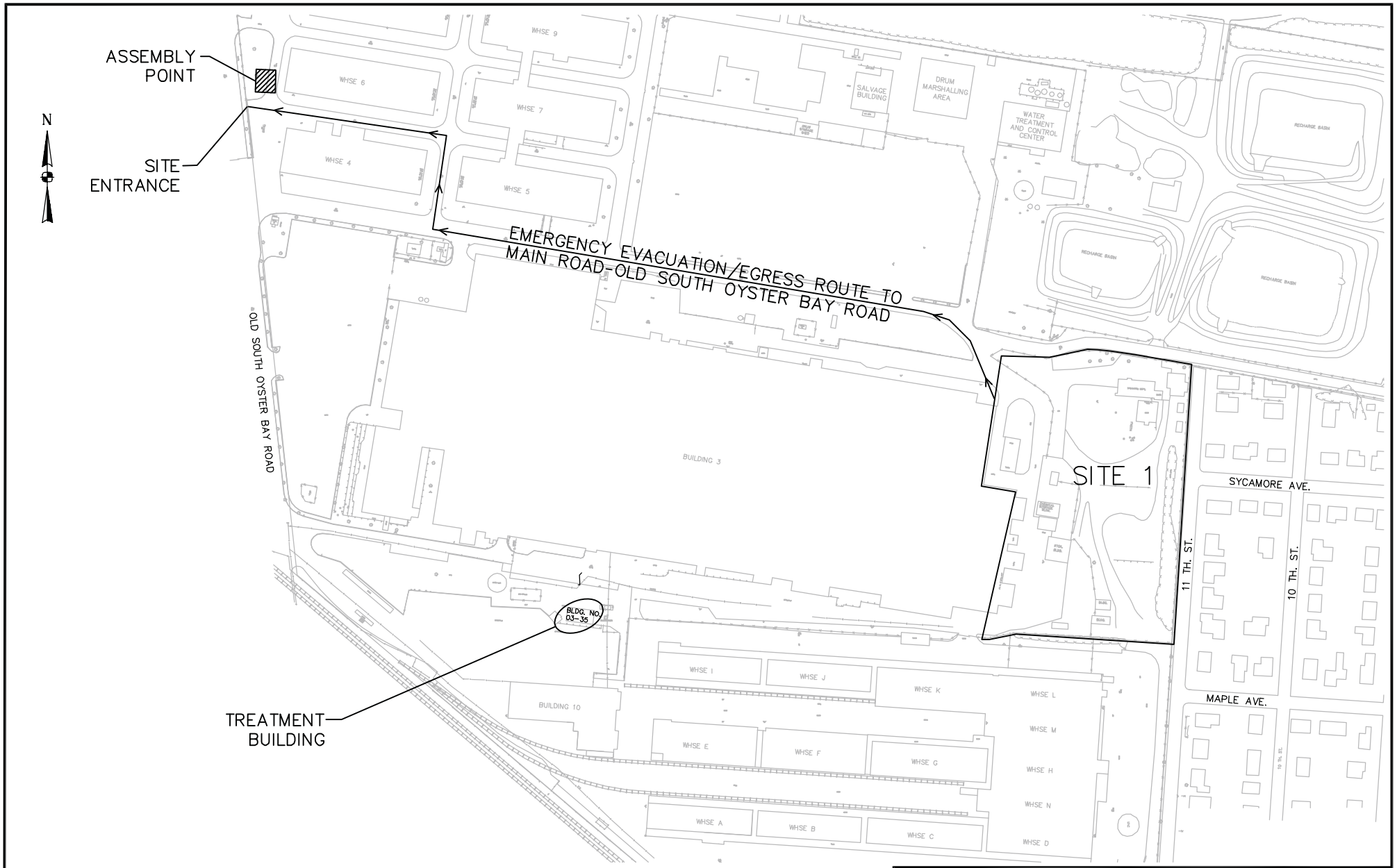
Source: U.S.G.S. Topographic Maps (7.5 Minute)
Amityville, Freeport, Hicksville, Huntington, NY Quadrangles

Department of the Navy
Naval Facilities Engineering Command, Mid-Atlantic

Site 1, Former Drum Marshalling Area
Naval Weapons Industrial Reserve Plant
Bethpage, NY

Figure 1: Site Location Map

H&S Environmental, Inc.



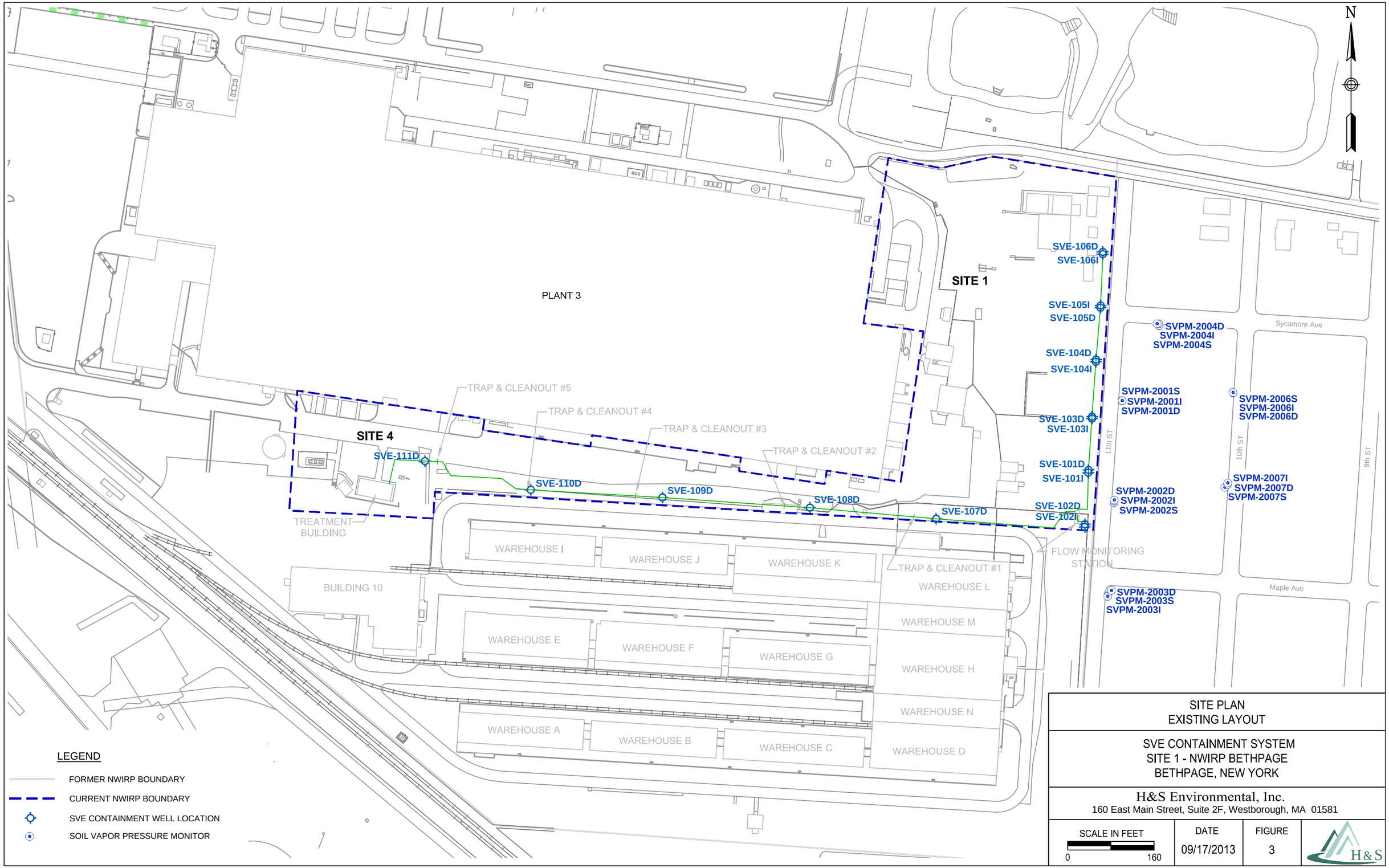
0 300 600 Feet

Department of the Navy
Naval Facilities Engineering Command, Mid–Atlantic

Site 1, Former Drum Marshalling Area
Naval Weapons Industrial Reserve Plant
Bethpage, NY

Figure 2
Site 1 Area and Vicinity

H&S Environmental, Inc.



SITE PLAN
EXISTING LAYOUT

SVE CONTAINMENT SYSTEM
SITE 1 - NWIRP BETHPAGE
BETHPAGE, NEW YORK

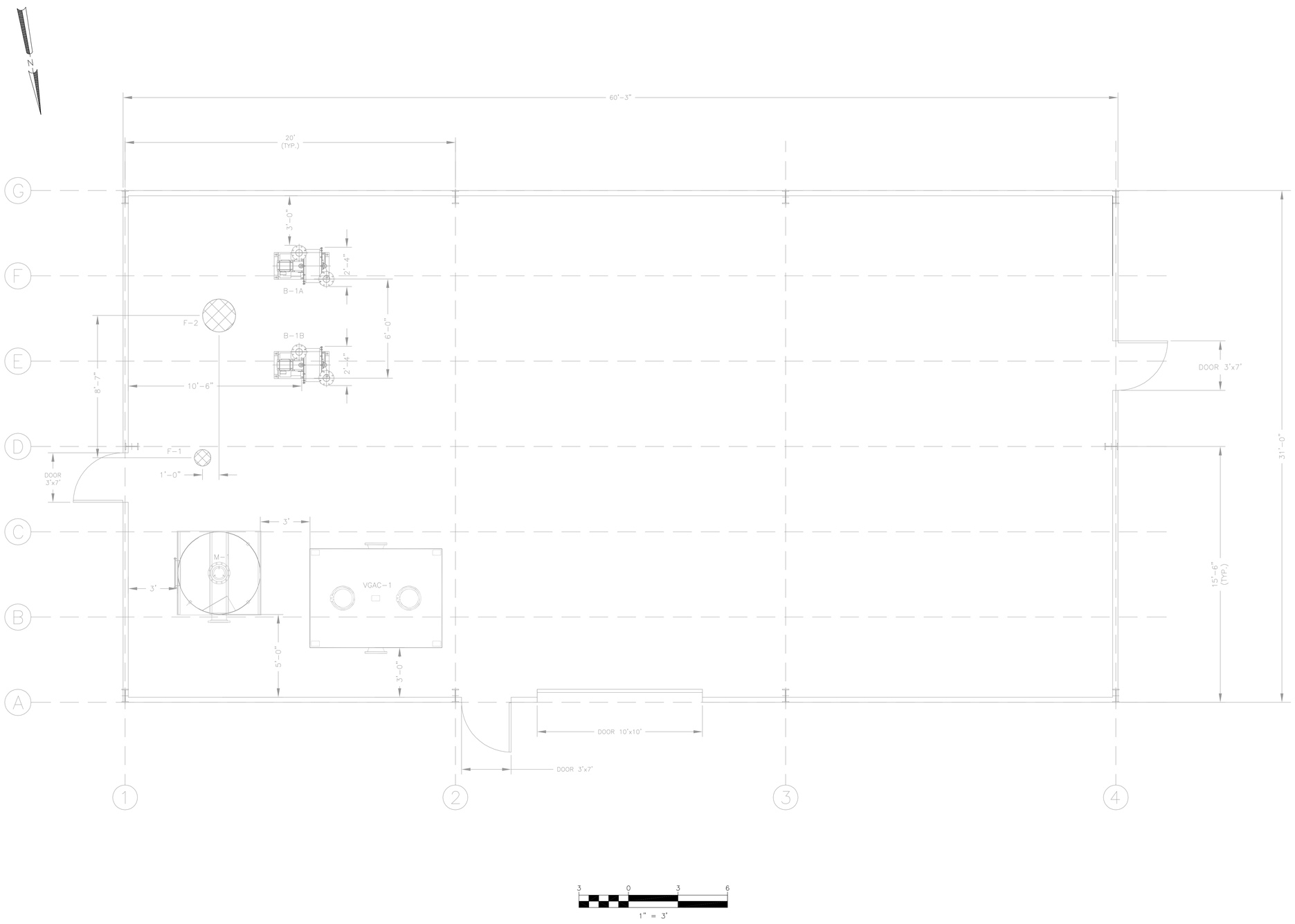
H&S Environmental, Inc.
160 East Main Street, Suite 2F, Westborough, MA 01581

SCALE IN FEET	DATE	FIGURE
0 — 160	09/17/2013	3

BETHPAGE_SitePlan_Fig3.dwg

NOTES:

1. ALL MAN DOORS AND OVERHEAD DOORS ARE EXISTING. MAN DOORS ARE APPROXIMATELY 7'X3'. OVERHEAD DOOR IS APPROXIMATELY 10'X10'.



PROCESS EQUIPMENT LIST		
ITEM NUMBER	NUMBER REQUIRED	NAME/DESCRIPTION
M-1	1	MOISTURE SEPARATOR -CONFIGURATION: VERTICAL, CYLINDRICAL -MATERIAL OF CONSTRUCTION: CARBON STEEL, EPOXY INTERIOR COATING, PAINT EXTERIOR COATING -CAPACITY: 400 GALLON CONDENSATE COLLECTION -DIMENSIONS: 5 FT DIA X 6 FEET HT, 718 GALLON
F-1	1	MAKE-UP AIR FILTER -CONFIGURATION: INTAKE FILTER/SILENCER COMBINATION HOUSING -MATERIAL OF CONSTRUCTION: CARBON STEEL, CORROSION RESISTANCE COATING -CAPACITY: 500 CFM AT 20 IW, 4 INCH FLANGED CONNECTION
F-2	1	BLOWER AIR FILTER -CONFIGURATION: INLINE VACUUM SERVICE FILTER -MATERIAL OF CONSTRUCTION: CARBON STEEL, CORROSION RESISTANCE COATING -CAPACITY: 1,200 CFM AT 35 IW, 10 INCH FLANGED CONNECTION
B-1A, B-1B	2	SOIL VAPOR EXTRACTION BLOWER -CONFIGURATION: HORIZONTAL CENTRIFUGAL -RATING: 600 CFM AT 40 IW -MOTOR: 7.5 HP, 460V, 3PH, 60HZ, ODP
VGAC-1	1	VAPOR-PHASE GRANULAR ACTIVATED CARBON -CONFIGURATION: RECTANGULAR TANK -MATERIAL OF CONSTRUCTION: CARBON STEEL, EPOXY INTERIOR COATING, EPOXY EXTERIOR COATING -RATING: 1,600 CFM AT 3 IW, 2,000 CFM AT 6 IW -CAPACITY: 5,000 LBS CARBON -DIMENSIONS: 6' X 8' FOOTPRINT, 6' 8" HT

TETRA TECH ENGINEERING CORPORATION PC

REV	DESCRIPTION	PREP BY	DATE	APPRVD
0	ISSUED FOR CONSTRUCTION	DLB	10-14-09	SGP

DESIGN BY: DR: BMV CHK: SP
SUPERV BY: CH ENG:
SUBMITTED BY: (TITLE) (DATE)
(TYPE NUMBER)
SOUTHWESTDIV: HO:
IM: KO:
FPE: DR:
OFFICER IN CHARGE
APPROVED DATE

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND, MID-ATLANTIC
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK
SITE 1, FORMER DRUM MARSHALLING AREA
SOIL VAPOR EXTRACTION CONTAINMENT SYSTEM
LAYOUT PLAN
APPROVED DATE
EFANE FOR COMMANDER, NAVFAC

SEAL AREA

SAT TO DATE

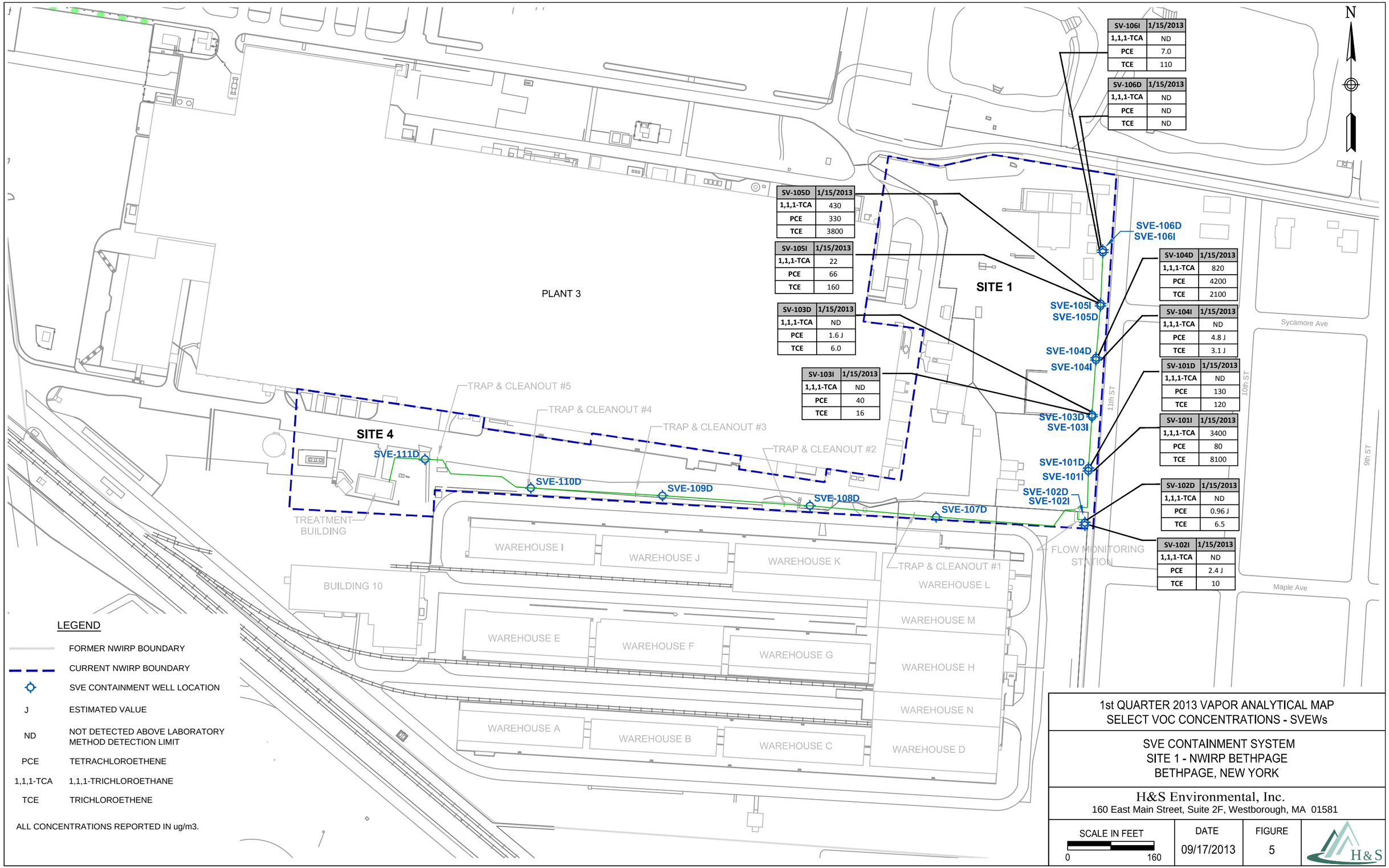
CODE I.D. NO.
SCALE : AS SHOWN
SPEC. NO.
CONSTRN. CONTR. NO. N62473-10-D-3211
NAVFAC DRAWING NO.
SHEET OF
SIZE: D
DIS. SH. NO. 1-3

THIS DRAWING PRODUCED ON AUTOCAD
DO NOT REVISE MANUALLY

"THIS DOCUMENT IS THE PROPERTY OF NAVAL FACILITIES ENGINEERING COMMAND, PREPARED BY TETRA TECH ENGINEERING CORPORATION PC, AND IS PROVIDED UPON THE CONDITION THAT IT WILL NOT BE REPRODUCED, COPIED, OR ISSUED TO A THIRD PARTY, AND WILL BE USED SOLELY FOR THE ORIGINAL INTENDED PURPOSE AND SOLELY FOR THE EXECUTION OR REVIEW OF THE ENGINEERING CONSTRUCTION OF THE PROJECT".

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER, TO ALTER AN ITEM ON THIS DOCUMENT IN ANY WAY.

P:\Southwest RAC\Bethpage Site 1\CAD - GIS\O and M PLAN\35700W04_1-3.dwg



SV-106I	1/15/2013
1,1,1-TCA	ND
PCE	7.0
TCE	110

SV-106D	1/15/2013
1,1,1-TCA	ND
PCE	ND
TCE	ND

SV-105D	1/15/2013
1,1,1-TCA	430
PCE	330
TCE	3800

SV-105I	1/15/2013
1,1,1-TCA	22
PCE	66
TCE	160

SV-103D	1/15/2013
1,1,1-TCA	ND
PCE	1.6 J
TCE	6.0

SV-103I	1/15/2013
1,1,1-TCA	ND
PCE	40
TCE	16

SV-104D	1/15/2013
1,1,1-TCA	820
PCE	4200
TCE	2100

SV-104I	1/15/2013
1,1,1-TCA	ND
PCE	4.8 J
TCE	3.1 J

SV-101D	1/15/2013
1,1,1-TCA	ND
PCE	130
TCE	120

SV-101I	1/15/2013
1,1,1-TCA	3400
PCE	80
TCE	8100

SV-102D	1/15/2013
1,1,1-TCA	ND
PCE	0.96 J
TCE	6.5

SV-102I	1/15/2013
1,1,1-TCA	ND
PCE	2.4 J
TCE	10

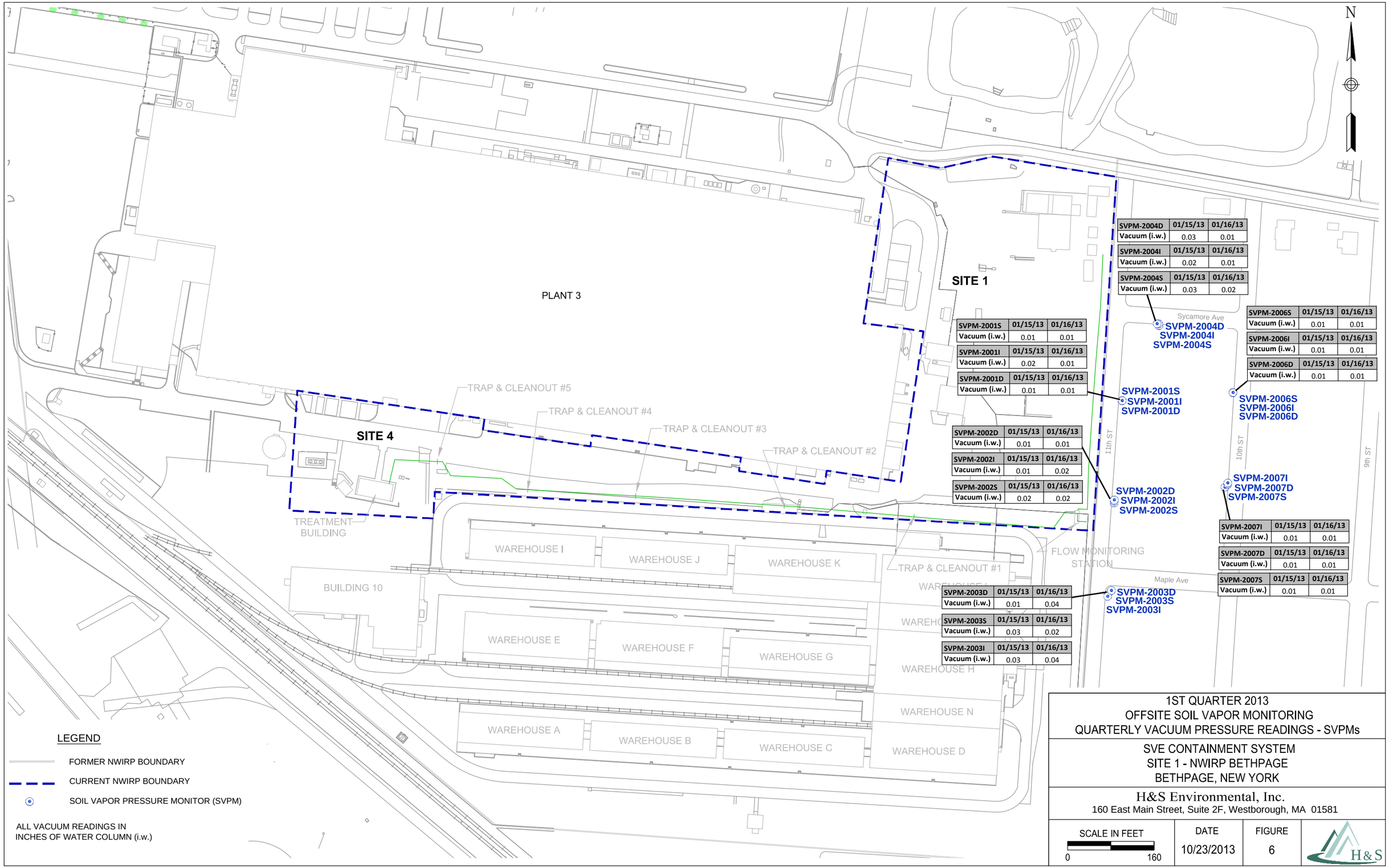
1st QUARTER 2013 VAPOR ANALYTICAL MAP
SELECT VOC CONCENTRATIONS - SVEWs

SVE CONTAINMENT SYSTEM
SITE 1 - NWIRP BETHPAGE
BETHPAGE, NEW YORK

H&S Environmental, Inc.
160 East Main Street, Suite 2F, Westborough, MA 01581

SCALE IN FEET	DATE	FIGURE
0 — 160	09/17/2013	5

BETHPAGE_1Q13_VOC_SVEWs_Fig5.dwg



SVPM-2004D	01/15/13	01/16/13
Vacuum (i.w.)	0.03	0.01

SVPM-2004I	01/15/13	01/16/13
Vacuum (i.w.)	0.02	0.01

SVPM-2004S	01/15/13	01/16/13
Vacuum (i.w.)	0.03	0.02

SVPM-2001S	01/15/13	01/16/13
Vacuum (i.w.)	0.01	0.01

SVPM-2001I	01/15/13	01/16/13
Vacuum (i.w.)	0.02	0.01

SVPM-2001D	01/15/13	01/16/13
Vacuum (i.w.)	0.01	0.01

SVPM-2006S	01/15/13	01/16/13
Vacuum (i.w.)	0.01	0.01

SVPM-2006I	01/15/13	01/16/13
Vacuum (i.w.)	0.01	0.01

SVPM-2006D	01/15/13	01/16/13
Vacuum (i.w.)	0.01	0.01

SVPM-2002D	01/15/13	01/16/13
Vacuum (i.w.)	0.01	0.01

SVPM-2002I	01/15/13	01/16/13
Vacuum (i.w.)	0.01	0.02

SVPM-2002S	01/15/13	01/16/13
Vacuum (i.w.)	0.02	0.02

SVPM-2007I	01/15/13	01/16/13
Vacuum (i.w.)	0.01	0.01

SVPM-2007D	01/15/13	01/16/13
Vacuum (i.w.)	0.01	0.01

SVPM-2007S	01/15/13	01/16/13
Vacuum (i.w.)	0.01	0.01

SVPM-2003D	01/15/13	01/16/13
Vacuum (i.w.)	0.01	0.04

SVPM-2003S	01/15/13	01/16/13
Vacuum (i.w.)	0.03	0.02

SVPM-2003I	01/15/13	01/16/13
Vacuum (i.w.)	0.03	0.04

1ST QUARTER 2013
OFFSITE SOIL VAPOR MONITORING
QUARTERLY VACUUM PRESSURE READINGS - SVPMs

SVE CONTAINMENT SYSTEM
SITE 1 - NWIRP BETHPAGE
BETHPAGE, NEW YORK

H&S Environmental, Inc.
160 East Main Street, Suite 2F, Westborough, MA 01581

SCALE IN FEET	DATE	FIGURE
0 — 160	10/23/2013	6

2013-BETHPAGE PRESSURE Fig6.dwg

APPENDIX A

NYSDEC AIR PERMIT
EQUIVALENT APPROVAL

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Remedial Action A
625 Broadway, 11th Floor
Albany, New York 12233-7015
Phone: (518) 402-9625 • Fax: (518) 402-9022

Website: www.dec.state.ny.us

February 5, 2010

Lora Fly, Project Manager
Naval Facilities Engineering Command-Midlant
9742 Maryland Avenue
Norfolk, VA 23511-3095

RE: Naval Weapons Industrial Research Plant(NWIRP)
Site-Bethpage, NYSDEC No. 1-30-003B.

Dear Ms. Fly:

Tetra Tech FW, on behalf of the Department of the Navy (Navy), has submitted the enclosed New York State Department of Environmental Conservation (NYSDEC) Division of Air Resources (DAR) Air Permit Application as a permit equivalent. This DAR Air permit equivalent is for the soil vapor extraction system at Site 1 of Plant 3 of the former Naval Weapons Industrial Reserve Plant (NWIRP) site in Bethpage, NY. The NYSDEC Division of Environmental Remediation (DER) has reviewed the permit equivalent and, by means of this letter approves the Site 1 remedy air discharge for immediate operation.

The NWIRP Site 1 SVE system utilizes the reasonably available control technology (RACT) with activated carbon. The air discharge will be periodically monitored at start up and will be added for routine monitoring in the operation, maintenance and monitoring (OMM) plan, to be submitted shortly for Departmental review.

If you have any questions, please contact me at your earliest convenience at (518)402-9620.

Sincerely,

Steven M. Scharf, P.E.
Project Engineer
Division of Environmental Remediation
Bureau of Remedial Action A

Enclosure
ec/w/enc: J. Swartwout/S. Scharf/File
W. Parish, Region 1 NYSDEC
A. J. Shah, Region 1 NYSDEC
S. Patselos, Tetra Tech FW
J. Cofman, Northrop Grumman
E docs: Region 1, Nassau, Oyster Bay (T): NWIRP Bethpage 130003B-OU1-OMM

New York State Department of Environmental Conservation
Air Permit Application

DEC ID	APPLICATION ID	OFFICE USE ONLY
- -	- /	/ /

Section I - Certification

Title V Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information [required pursuant to 6 NYCRR 201-6.3(d)] I believe the information is, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Responsible Official	Title
Signature	Date / /

State Facility Certification

I certify that this facility will be operated in conformance with all provisions of existing regulations.

Responsible Official	Title
Signature	Date / /

Section II - Identification Information

Title V Facility Permit N/A
☐ New ☐ Significant Modification ☐ Administrative Amendment
☐ Renewal ☐ Minor Modification General Permit Title:

State Facility Permit N/A
☐ New ☐ Modification
General Permit Title:

☒ Application involves construction of new facility ☐ Application involves construction of new emission unit(s)

Owner/Firm

Name US Navy / NAVFAC Midlant

Street Address 9742 Maryland Ave, Bldg Z-144

City Norfolk | State VA | Country US | Zip 23511-3095

Owner Classification ☒ Federal ☐ State ☐ Municipal ☐ Corporation/Partnership ☐ Individual

Taxpayer ID

Facility

☐ Confidential

Name Naval Weapons Industrial Reserve Plant (NWIRP) Site 1

Location Address Bethpage

☐ City / ☒ Town / ☐ Village Oyster Bay, New York | Zip 11714

Project Description

☐ Continuation Sheet(s)

Vapor phase granular activated carbon to remove VOCs from soil gas

Owner/Firm Contact Mailing Address

Name (Last, First, Middle Initial) Fly, Lora | Phone No. (757) 444-0781

Affiliation Department of the Navy | Title Remedial PM | Fax No. ( )

Street Address 9742 Maryland Ave, Bldg Z-144

City Norfolk | State VA | Country US | Zip 23511-3095

Facility Contact Mailing Address

Name (Last, First, Middle Initial) | Phone No. ( )

Affiliation | Title | Fax No. ( )

Street Address

City | State | Country | Zip

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
- -

Section III - Facility Information

Classification

❑ Hospital ❑ Residential ❑ Educational/Institutional ❑ Commercial ☒ Industrial ❑ Utility

Affected States (Title V Only) N/A

❑ Vermont ❑ Massachusetts ❑ Rhode Island ❑ Pennsylvania Tribal Land:_____
❑ New Hampshire ❑ Connecticut ❑ New Jersey ❑ Ohio Tribal Land:_____

SIC Codes

9999												

Facility Description ❑ Continuation Sheet(s)

Soil vapor remediation by SVE followed by vapor phase GAC

Compliance Statements (Title V Only) N/A

I certify that as of the date of this application the facility is in compliance with all applicable requirements: ❑ YES ❑ NO

If one or more emission units at the facility are not in compliance with all applicable requirements at the time of signing this application (the 'NO' box must be checked), the noncomplying units must be identified in the "Compliance Plan" block on page 8 of this form along with the compliance plan information required. For all emission units at this facility that are operating in compliance with all applicable requirements complete the following:

- ❑ This facility will continue to be operated and maintained in such a manner as to assure compliance for the duration of the permit, except those units referenced in the compliance plan portion of Section IV of this application.
- ❑ For all emission units, subject to any applicable requirements that will become effective during the term of the permit, this facility will meet all such requirements on a timely basis.
- ❑ Compliance certification reports will be submitted at least once a year. Each report will certify compliance status with respect to each requirement, and the method used to determine the status.

Facility Applicable Federal Requirements N/A ❑ Continuation Sheet(s)

Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause

Facility State Only Requirements ❑ Continuation Sheet(s)

Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
- -

Section III - Facility Information (continued)

Facility Compliance Certification N/A ❑ Continuation Sheet(s)

Rule Citation

Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause

❑ Applicable Federal Requirement ❑ State Only Requirement	❑ Capping	CAS No.	Contaminant Name
		- -	

Monitoring Information

❑ Ambient Air Monitoring ❑ Work Practice Involving Specific Operations ❑ Record Keeping/Maintenance Procedures

Description

Work Practice Type	Process Material Code	Process Material Description	Reference Test Method

Parameter Code	Parameter Description	Manufacturer Name/Model No.

Limit Upper	Limit Lower	Limit Units Code	Limit Units Description

Averaging Method Code	Averaging Method Description	Monitoring Frequency Code	Monitoring Frequency Description	Reporting Requirements Code	Reporting Requirements Description

Facility Emissions Summary ☒ Continuation Sheet(s)

CAS No.	Contaminant Name	PTE (lbs/yr)	PTE Range Code	Actual (lbs/yr)
NY075 - 00 - 5	PM-10			
NY075 - 00 - 0	PARTICULATES			
7446 - 09 - 5	SULFUR DIOXIDE			
NY210 - 00 - 0	OXIDES OF NITROGEN			
630 - 08 - 0	CARBON MONOXIDE			
7439 - 92 - 1	LEAD			
NY998 - 00 - 0	VOC	1,222		
NY100 - 00 - 0	HAP	1,813		
00071 - 55 - 6	1,1,1-Trichloroethane (Methyl Chloroform)	591		
00127 - 18 - 4	Tetrachloroethylene	8		
00079 - 01 - 6	Trichloroethylene	1,181		
00075 - 34 - 3	1,1-Dichloroethane	11		
00075 - 35 - 4	1,1-Dichloroethylene (Vinylidine Chloride)	16		

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
- - - - - - - - - - -

Section III - Facility Information

Facility Emissions Summary (continuation)

CAS No.	Contaminant Name	PTE (lbs/yr)	PTE Range Code	Actual (lbs/yr)
00540-59-0	cis-1,2-Dichloroethene	5		
00107-06-2	1,2-Dichloroethane	0		
00156-60-5	trans-1,2-Dichloroethene	0		
00075-01-4	Vinyl Chloride	0		
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				
- -				

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
- -

Section IV - Emission Unit Information

Emission Unit Description

☐ Continuation Sheet(s)

EMISSION UNIT 1-00EU1 Effluent from first soil vapor extraction blower (BL-1) Vapor Phase Granular Activated Carbon Unit. The emission point is stack 00ST-2

Building

☐ Continuation Sheet(s)

Building	Building Name	Length (ft)	Width (ft)	Orientation
03-35	Treatment Building	60	40	0

Emission Point

☐ Continuation Sheet(s)

EMISSION PT.	00ST2					
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
	36	6	8	70		
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal
	1,000			03-35	100+	

EMISSION PT.						
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal

Emission Source/Control

☐ Continuation Sheet(s)

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.
BL 1/2	1				048	Granular Act. Carbon	Tetrasolv Filtration

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
- - - - - - - - - - - -

Section IV - Emission Unit Information (continued)

Process Information

❑ Continuation Sheet(s)

EMISSION UNIT	1 - 0 0 E U 1	PROCESS	S V E

Description

The Soil Vapor Extraction System will consist of 12 SVE wells (6 intermediate and 6 deep), a moisture separator, and 2 soil vapor extraction blowers (BL-1 and BL-2) which both vent to a vapor phase granular activated carbon unit for treatment prior to discharge from stack 00ST2. The VGAC unit will be a 5,000 pound unit, filled with Tetrasolv Virgin Carbon. The VGAC unit has been designed to operate nominally at 600 cfm, with a maximum of 1,000 cfm.

Source Classification Code (SCC)	Total Thruput		Thruput Quantity Units	
	Quantity/Hr	Quantity/Yr	Code	Description

❑ Confidential ☒ Operating at Maximum Capacity ❑ Activity with Insignificant Emissions	Operating Schedule		Building	Floor/Location
	Hrs/Day	Days/Yr		
	24	365	03-35	Main

Emission Source/Control Identifier(s)

BL-1	BL-2						

EMISSION UNIT	-	PROCESS

Description

Source Classification Code (SCC)	Total Thruput		Thruput Quantity Units	
	Quantity/Hr	Quantity/Yr	Code	Description

❑ Confidential ❑ Operating at Maximum Capacity ❑ Activity with Insignificant Emissions	Operating Schedule		Building	Floor/Location
	Hrs/Day	Days/Yr		

Emission Source/Control Identifier(s)

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
- -

Section IV - Emission Unit Information (continued)

Emission Unit	Emission Point	Process	Emission Source	Emission Unit Applicable Federal Requirements ❑ Continuation Sheet(s)									
				Title	Type	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause
-													
-													
-													
-													

Emission Unit	Emission Point	Process	Emission Source	Emission Unit State Only Requirements ❑ Continuation Sheet(s)									
				Title	Type	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause
-													
-													
-													
-													

Emission Unit Compliance Certification ❑ Continuation Sheet(s)

Rule Citation

Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	212	-						

❑ Applicable Federal Requirement ❑ State Only Requirement ❑ Capping

Emission Unit	Emission Point	Process	Emission Source	CAS No.	Contaminant Name
1-00EU1	00ST2	SVE		00079-01-6	Trichloroethylene

Monitoring Information

❑ Continuous Emission Monitoring
☒ Intermittent Emission Testing
❑ Ambient Air Monitoring
❑ Monitoring of Process or Control Device Parameters as Surrogate
❑ Work Practice Involving Specific Operations
❑ Record Keeping/Maintenance Procedures

Description

Monthly grab samples analyzed for VOCs from the VGAC unit influent and effluent

Work Practice Type	Process Material Code	Process Material Description	Reference Test Method

Parameter Code	Parameter Description	Manufacturer Name/Model No.
23	Concentration	

Limit Upper	Limit Lower	Limit Units Code	Limit Units Description
36,000		255	micrograms per cubic meter

Averaging Method Code	Averaging Method Description	Monitoring Frequency Code	Monitoring Frequency Description	Reporting Requirements Code	Reporting Requirements Description
01	Instantaneous	05	Monthly	10	Upon Request

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
- -

Section IV - Emission Unit Information (continued)

Determination of Non-Applicability (Title V Only) N/A ❑ Continuation Sheet(s)

Rule Citation

Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause

Emission Unit	Emission Point	Process	Emission Source	❑ Applicable Federal Requirement ❑ State Only Requirement
-				

Description

Rule Citation

Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause

Emission Unit	Emission Point	Process	Emission Source	❑ Applicable Federal Requirement ❑ State Only Requirement
-				

Description

Process Emissions Summary ☒ Continuation Sheet(s)

EMISSION UNIT	1-00EU1				PROCESS	SVE
CAS No.	Contaminant Name	% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined
00071-55-6	1,1,1-Trichloroethane			80	0.34	02
PTE (lbs/hr)	PTE (lbs/yr)	PTE (standard units)	Standard Units	PTE How Determined	Actual (lbs/hr)	Actual (lbs/yr)
0.07	591			02		

EMISSION UNIT	1-00EU1				PROCESS	SVE
CAS No.	Contaminant Name	% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined
00127-18-4	Tetrachloroethylene			80	0.00	02
PTE (lbs/hr)	PTE (lbs/yr)	PTE (standard units)	Standard Units	PTE How Determined	Actual (lbs/hr)	Actual (lbs/yr)
~~0.00~~ BRT	8			02		

EMISSION UNIT	1-00EU1				PROCESS	SVE
CAS No.	Contaminant Name	% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined
00079-01-6	Trichloroethylene			80	0.67	02
PTE (lbs/hr)	PTE (lbs/yr)	PTE (standard units)	Standard Units	PTE How Determined	Actual (lbs/hr)	Actual (lbs/yr)
0.13	1,181			02		

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
- -

Section IV - Emission Unit Information (continued)

EMISSION UNIT	Emission Unit Emissions Summary			☒ Continuation Sheet(s)
i-OOEU1				
CAS No.	Contaminant Name			
00075-34-3	1,1-Dichloroethane			
ERP (lbs/yr)	PTE Emissions		Actual	
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)
	BRT	11		
CAS No.	Contaminant Name			
00075-35-4	1,1-Dichloroethylene (Vinylidine Chloride)			
ERP (lbs/yr)	PTE Emissions		Actual	
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)
	BRT	16		
CAS No.	Contaminant Name			
00540-59-0	cis-1,2-Dichloroethene			
ERP (lbs/yr)	PTE Emissions		Actual	
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)
	BRT	5		
CAS No.	Contaminant Name			
00107-06-2	1,2-Dichloroethane			
ERP (lbs/yr)	PTE Emissions		Actual	
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)
	BRT	BRT		

Compliance Plan N/A

☐ Continuation Sheet(s)

For any emission units which are not in compliance at the time of permit application, the applicant shall complete the following

Consent Order — Certified progress reports are to be submitted every 6 months beginning ____/____/____

Emission Unit	Process	Emission Source	Applicable Federal Requirement									
			Title	Type	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause
-												

Remedial Measure / Intermediate Milestones	R/I	Date Scheduled

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
- -

Section IV - Emission Unit Information

EMISSION UNIT	Emission Unit Emissions Summary (continuation)			
1-00EU1				
CAS No.	Contaminant Name			
00156-60-5	trans-1,2-Dichloroethene			
ERP (lbs/yr)	PTE Emissions		Actual	
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)
	BRT	BRT		
CAS No.	Contaminant Name			
00075-01-4	Vinyl Chloride			
ERP (lbs/yr)	PTE Emissions		Actual	
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)
	BRT	BRT		
CAS No.	Contaminant Name			
- -				
ERP (lbs/yr)	PTE Emissions		Actual	
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)
CAS No.	Contaminant Name			
- -				
ERP (lbs/yr)	PTE Emissions		Actual	
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)
CAS No.	Contaminant Name			
- -				
ERP (lbs/yr)	PTE Emissions		Actual	
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)
CAS No.	Contaminant Name			
- -				
ERP (lbs/yr)	PTE Emissions		Actual	
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)
CAS No.	Contaminant Name			
- -				
ERP (lbs/yr)	PTE Emissions		Actual	
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)
CAS No.	Contaminant Name			
- -				
ERP (lbs/yr)	PTE Emissions		Actual	
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
- -

Section IV - Emission Unit Information (continued)

Request for Emission Reduction Credits

❑ Continuation Sheet(s)

EMISSION UNIT -

Emission Reduction Description

Contaminant Emission Reduction Data

Baseline Period ___/___/___ to ___/___/___

Reduction	
Date	Method
/ /	

CAS No.	Contaminant Name	ERC (lbs/yr) Netting	ERC (lbs/yr) Offset
- -			
- -			
- -			

Facility to Use Future Reduction

Name

APPLICATION ID - - /

Location Address

❑ City / ❑ Town / ❑ Village | State | Zip

Use of Emission Reduction Credits

❑ Continuation Sheet(s)

EMISSION UNIT -

Proposed Project Description

Contaminant Emissions Increase Data

CAS No.	Contaminant Name	PEP (lbs/yr)
- -		

Statement of Compliance

❑ All facilities under the ownership of this "ownership/firm" are operating in compliance with all applicable requirements and state regulations including any compliance certification requirements under Section 114(a)(3) of the Clean Air Act Amendments of 1990, or are meeting the schedule of a consent order.

Source of Emission Reduction Credit - Facility

Name

PERMIT ID - - /

Location Address

❑ City / ❑ Town / ❑ Village | State | Zip

Emission Unit	CAS No.	Contaminant Name	ERC (lbs/yr) Netting	ERC (lbs/yr) Offset
-	- -			
-	- -			
-	- -			

DEC ID
- -

Supporting Documentation

- ☐ P.E. Certification (form attached)
- ☐ List of Exempt Activities (form attached)
- ☐ Plot Plan
- ☐ Methods Used to Determine Compliance (form attached)
- ☒ Calculations
- ☐ Air Quality Model (_____ / _____ / _____)
- ☐ Confidentiality Justification
- ☐ Ambient Air Monitoring Plan (_____ / _____ / _____)
- ☐ Stack Test Protocols/Reports (_____ / _____ / _____)
- ☐ Continuous Emissions Monitoring Plans/QA/QC (_____ / _____ / _____)
- ☐ MACT Demonstration (_____ / _____ / _____)
- ☐ Operational Flexibility: Description of Alternative Operating Scenarios and Protocols
- ☐ Title IV: Application/Registration
- ☐ ERC Quantification (form attached)
- ☐ Use of ERC(s) (form attached)
- ☐ Baseline Period Demonstration
- ☐ Analysis of Contemporaneous Emission Increase/Decrease
- ☐ LAER Demonstration (_____ / _____ / _____)
- ☐ BACT Demonstration (_____ / _____ / _____)
- ☐ Other Document(s): _____ (/ /)

_____ (/ /)
_____ (/ /)
_____ (/ /)
_____ (/ /)
_____ (/ /)
_____ (/ /)
_____ (/ /)
_____ (/ /)
_____ (/ /)
_____ (/ /)
_____ (/ /)
_____ (/ /)
_____ (/ /)

APPENDIX B

DATA VALIDATION REPORT AND VALIDATED DATA SUMMARY

DATA USABILITY SUMMARY REPORT (DUSR)
VOLATILE ORGANIC COMPOUNDS
USEPA Region II –Data Validation

Project Name: Naval Weapons Industrial Reserve Plant, Site 1

Location: 999 Oyster Bay Rd, Bethpage, NY

Project Number: 2034-104

SDG #: 1301315

Client: H&S Environmental, Inc.

Date: 02/22/2013

Laboratory: Air Toxics Ltd.

Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for twenty (20) air samples and 2 (two) field blank samples were analyzed for Volatiles by TO-15 in accordance to NYSDEC, Analytical Services Protocol (ASP) Format.

2. The samples were collected on 01/15-16/2013. The samples were submitted to Air Toxics Ltd., Folsom, CA on 01/18/2013 for analysis.

3. The USEPA Region-II SOP # HW-31, Revision 4, October 2006, Validating Air Samples Volatile Organic Analysis of Ambient Air in Canister by Method TO-15 was used in evaluating the Volatiles data in this summary report.

4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (see discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
BPS1-SVPM2001S-011513	1301315-01A	1/15/2013	VOA	Air	
BPS1-SVPM2001I-011513	1301315-02A	1/15/2013	VOA	Air	
BPS1-SVPM2001D-011513	1301315-03A	1/15/2013	VOA	Air	
BPS1-SVPM2002S-011513	1301315-04A	1/15/2013	VOA	Air	
BPS1-SVPM2002I-011513	1301315-05A	1/15/2013	VOA	Air	
BPS1-SVPM2002D-011513	1301315-06A	1/15/2013	VOA	Air	
BPS1-SVPM2003S-011613	1301315-07A	1/16/2013	VOA	Air	
BPS1-SVPM2003I-011613	1301315-08A	1/16/2013	VOA	Air	
BPS1-SVPM2003D-011613	1301315-09A	1/16/2013	VOA	Air	
BPS1-SVPM2004S-011613	1301315-10A	1/16/2013	VOA	Air	
BPS1-SVPM2004I-011613	1301315-11A	1/16/2013	VOA	Air	
BPS1-SVPM2004D-011613	1301315-12A	1/16/2013	VOA	Air	
BPS1-SVPM2006S-011613	1301315-13A	1/16/2013	VOA	Air	
BPS1-SVPM2006I-011613	1301315-14A	1/16/2013	VOA	Air	
BPS1-SVPM2006D-011613	1301315-15A	1/16/2013	VOA	Air	
BPS1-SVPM2007S-011613	1301315-16A	1/16/2013	VOA	Air	
BPS1-SVPM2007IR-011613	1301315-17A	1/16/2013	VOA	Air	
BPS1-SVPM2007D-011613	1301315-18A	1/16/2013	VOA	Air	
BPS1-DUP01-011513	1301315-19A	1/15/2013	VOA	Air	Field Duplicate of sample BPS1-SVPM2001D-011513
BPS1-DUP02-011613	1301315-20A	1/16/2013	VOA	Air	Field Duplicate of sample BPS1-SVPM2007D-011613
BPS1-FB2001-011513	1301315-21A	1/15/2013	VOA	Air	Field Blank
BPS1-FB2002-011513	1301315-22A	1/16/2013	VOA	Air	Field Blank

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All air samples were analyzed within the method holding time for summa canisters (30 days). No qualifications were required.

GC/MS Tuning:

1. All of the BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 01/15/2013 (msdp.1) exhibited acceptable %RSDs (≤30.0%) for all compounds and average RRF values (≥0.050) for all compounds with the exception of some compounds listed in section 15.5, Page 13 in SOP # HW-31 were ≥0.01 with the following exception(s):

Compound	RRF	%RSD
Styrene	A	30.736

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
BPS1-SVPM2001S-011513	1301315-01A	Styrene	UJ
BPS1-SVPM2001I-011513	1301315-02A	Styrene	UJ
BPS1-SVPM2001D-011513	1301315-03A	Styrene	UJ
BPS1-SVPM2002S-011513	1301315-04A	Styrene	UJ
BPS1-SVPM2002I-011513	1301315-05A	Styrene	UJ
BPS1-SVPM2002D-011513	1301315-06A	Styrene	UJ
BPS1-SVPM2003S-011613	1301315-07A	Styrene	UJ
BPS1-SVPM2003I-011613	1301315-08A	Styrene	UJ
BPS1-SVPM2003D-011613	1301315-09A	Styrene	UJ
BPS1-SVPM2004S-011613	1301315-10A	Styrene	UJ
BPS1-SVPM2004I-011613	1301315-11A	Styrene	UJ
BPS1-SVPM2004D-011613	1301315-12A	Styrene	UJ
BPS1-SVPM2006S-011613	1301315-13A	Styrene	UJ
BPS1-SVPM2006I-011613	1301315-14A	Styrene	UJ
BPS1-SVPM2006D-011613	1301315-15A	Styrene	UJ
BPS1-SVPM2007S-011613	1301315-16A	Styrene	UJ
BPS1-SVPM2007IR-011613	1301315-17A	Styrene	UJ
BPS1-SVPM2007D-011613	1301315-18A	Styrene	UJ
BPS1-DUP01-011513	1301315-19A	Styrene	UJ
BPS1-DUP02-011613	1301315-20A	Styrene	UJ
BPS1-FB2001-011513	1301315-21A	Styrene	UJ
BPS1-FB2002-011513	1301315-22A	Styrene	UJ

Continuing Calibration Verification (CCV):

1. CCV analyzed on 01/25/2013 @ 10:13AM (msdp.1) exhibited acceptable %Ds (≤30.0%) for all compounds. No qualifications were required.

2. CCV analyzed on 01/26/2013 @ 10:52AM (msdp.1) exhibited acceptable %Ds (≤30.0%) for all compounds. No qualifications were required.

Surrogates:

1. All surrogates %REC values for all water samples and associated QC were within the laboratory control limits. No qualifications were required.

Internal Standard (IS) Area Performance:

1. All samples exhibited acceptable area count for all three internal standards within the QC limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB, Equipment Blank (EB) and Canister Certification:

1. Method Blank (1301315-23A) analyzed on 01/25/13 was free of contamination with the exception of the following:

Laboratory Sample ID	Compound	Results ($\mu g/M^3$)	Action Level (2x CRQL) ($\mu g/M^3$)	Sample Affected	Action
1301315-23A	1,2,4-Trichlorobenzene	3.0J	15	BPS1-SVPM2001S-011513	U
				BPS1-SVPM2001I-011513	None
				BPS1-SVPM2001D-011513	None
				BPS1-SVPM2002S-011513	None
				BPS1-SVPM2002I-011513	U
				BPS1-SVPM2002D-011513	None
				BPS1-SVPM2003S-011613	U
				BPS1-SVPM2003I-011613	None
				BPS1-SVPM2003D-011613	None
				BPS1-SVPM2004S-011613	U
				BPS1-SVPM2004I-011613	None
				BPS1-SVPM2004D-011613	None
				BPS1-SVPM2006S-011613	None
	1,2-Dichlorobezene	0.64J	3.0	BPS1-SVPM2001S-011513	None
				BPS1-SVPM2001I-011513	

Laboratory Sample ID	Compound	Results ($\mu g/M^3$)	Action Level (2x CRQL) ($\mu g/M^3$)	Sample Affected	Action
				BPS1-SVPM2001D-011513 BPS1-SVPM2002S-011513 BPS1-SVPM2002I-011513 BPS1-SVPM2002D-011513 BPS1-SVPM2003S-011613 BPS1-SVPM2003I-011613 BPS1-SVPM2003D-011613 BPS1-SVPM2004S-011613 BPS1-SVPM2004I-011613 BPS1-SVPM2004D-011613 BPS1-SVPM2006S-011613	
	1,3-Dichlorobenzene	0.71J	3.0	BPS1-SVPM2001S-011513 BPS1-SVPM2001I-011513 BPS1-SVPM2001D-011513 BPS1-SVPM2002S-011513 BPS1-SVPM2002I-011513 BPS1-SVPM2002D-011513 BPS1-SVPM2003S-011613 BPS1-SVPM2003I-011613 BPS1-SVPM2003D-011613 BPS1-SVPM2004S-011613 BPS1-SVPM2004I-011613 BPS1-SVPM2004D-011613 BPS1-SVPM2006S-011613	None
	1,4-Dichlorobenzene	0.94J	3.0	BPS1-SVPM2001S-011513 BPS1-SVPM2001I-011513 BPS1-SVPM2001D-011513 BPS1-SVPM2002S-011513 BPS1-SVPM2002I-011513 BPS1-SVPM2002D-011513 BPS1-SVPM2003S-011613 BPS1-SVPM2003I-011613 BPS1-SVPM2003D-011613 BPS1-SVPM2004S-011613 BPS1-SVPM2004I-011613 BPS1-SVPM2004D-011613 BPS1-SVPM2006S-011613	None
	Bromomethane	1.6J	19	BPS1-SVPM2001S-011513 BPS1-SVPM2001I-011513 BPS1-SVPM2001D-011513 BPS1-SVPM2002S-011513 BPS1-SVPM2002I-011513	U None U U None

Laboratory Sample ID	Compound	Results ($\mu g/M^3$)	Action Level (2x CRQL) ($\mu g/M^3$)	Sample Affected	Action
				BPS1-SVPM2002D-011513	U
				BPS1-SVPM2003S-011613	None
				BPS1-SVPM2003I-011613	None
				BPS1-SVPM2003D-011613	None
				BPS1-SVPM2004S-011613	None
				BPS1-SVPM2004I-011613	None
				BPS1-SVPM2004D-011613	None
				BPS1-SVPM2006S-011613	None
	Carbon Disulfide	1.1J	6.2	BPS1-SVPM2001S-011513	U
				BPS1-SVPM2001I-011513	U
				BPS1-SVPM2001D-011513	U
				BPS1-SVPM2002S-011513	U
				BPS1-SVPM2002I-011513	U
				BPS1-SVPM2002D-011513	U
				BPS1-SVPM2003S-011613	U
				BPS1-SVPM2003I-011613	U
				BPS1-SVPM2003D-011613	U
				BPS1-SVPM2004S-011613	U
				BPS1-SVPM2004I-011613	U
				BPS1-SVPM2004D-011613	U
				BPS1-SVPM2006S-011613	U
	Methylene Chloride	0.68J	17	BPS1-SVPM2001S-011513	None
				BPS1-SVPM2001I-011513	U
				BPS1-SVPM2001D-011513	U
				BPS1-SVPM2002S-011513	None
				BPS1-SVPM2002I-011513	U
				BPS1-SVPM2002D-011513	None
				BPS1-SVPM2003S-011613	U
				BPS1-SVPM2003I-011613	None
				BPS1-SVPM2003D-011613	None
				BPS1-SVPM2004S-011613	U
				BPS1-SVPM2004I-011613	None
				BPS1-SVPM2004D-011613	U
				BPS1-SVPM2006S-011613	None
	Toluene	0.14J	1.9	BPS1-SVPM2001S-011513	U
				BPS1-SVPM2001I-011513	None
				BPS1-SVPM2001D-011513	None
				BPS1-SVPM2002S-011513	U
				BPS1-SVPM2002I-011513	None
				BPS1-SVPM2002D-011513	U
				BPS1-SVPM2003S-011613	None
				BPS1-SVPM2003I-011613	U

Laboratory Sample ID	Compound	Results (µg/M^3)	Action Level (2x CRQL) (µg/M^3)	Sample Affected	Action
				BPS1-SVPM2003D-011613 BPS1-SVPM2004S-011613 BPS1-SVPM2004I-011613 BPS1-SVPM2004D-011613 BPS1-SVPM2006S-011613	U U U U U

2. Method Blank (1301315-23B) analyzed on 01/26/13 was free of contamination with the exception of the following:

Laboratory Sample ID	Compound	Results (µg/M^3)	Action Level (2x CRQL) (µg/M^3)	Sample Affected	Action
1301315-23B	1,2,4-Trichlorobenzene	3.8J	15	BPS1-SVPM2006I-011613 BPS1-SVPM2006D-011613 BPS1-SVPM2007S-011613 BPS1-SVPM2007IR-011613 BPS1-SVPM2007D-011613 BPS1-DUP01-011513 BPS1-DUP02-011613 BPS1-FB2001-011513 BPS1-FB2002-011613	U U U None None None None None None
	1,2-Dichlorobezene	0.61J	3.0	BPS1-SVPM2006I-011613 BPS1-SVPM2006D-011613 BPS1-SVPM2007S-011613 BPS1-SVPM2007IR-011613 BPS1-SVPM2007D-011613 BPS1-DUP01-011513 BPS1-DUP02-011613 BPS1-FB2001-011513 BPS1-FB2002-011613	None
	1,3-Dichlorobenzene	0.88J	3.0	BPS1-SVPM2006I-011613 BPS1-SVPM2006D-011613 BPS1-SVPM2007S-011613 BPS1-SVPM2007IR-011613 BPS1-SVPM2007D-011613 BPS1-DUP01-011513 BPS1-DUP02-011613 BPS1-FB2001-011513 BPS1-FB2002-011613	U None None None None None None None None
	1,4-Dichlorobenzene	0.91J	3.0	BPS1-SVPM2006I-011613 BPS1-SVPM2006D-011613	U None

Laboratory Sample ID	Compound	Results (µg/M^3)	Action Level (2x CRQL) (µg/M^3)	Sample Affected	Action
				BPS1-SVPM2007S-011613 BPS1-SVPM2007IR-011613 BPS1-SVPM2007D-011613 BPS1-DUP01-011513 BPS1-DUP02-011613 BPS1-FB2001-011513 BPS1-FB2002-011613	None None None None None None None
	Bromomethane	1.1J	19	BPS1-SVPM2006I-011613 BPS1-SVPM2006D-011613 BPS1-SVPM2007S-011613 BPS1-SVPM2007IR-011613 BPS1-SVPM2007D-011613 BPS1-DUP01-011513 BPS1-DUP02-011613 BPS1-FB2001-011513 BPS1-FB2002-011613	U U None None None None None None None
	Carbon Disulfide	1.1J	6.2	BPS1-SVPM2006I-011613 BPS1-SVPM2006D-011613 BPS1-SVPM2007S-011613 BPS1-SVPM2007IR-011613 BPS1-SVPM2007D-011613 BPS1-DUP01-011513 BPS1-DUP02-011613 BPS1-FB2001-011513 BPS1-FB2002-011613	U U U U U U U U U
	Chlorobenzene	0.37J	2.3	BPS1-SVPM2006I-011613 BPS1-SVPM2006D-011613 BPS1-SVPM2007S-011613 BPS1-SVPM2007IR-011613 BPS1-SVPM2007D-011613 BPS1-DUP01-011513 BPS1-DUP02-011613 BPS1-FB2001-011513 BPS1-FB2002-011613	None
	Hexachlorobutadiene	2.0J	21	BPS1-SVPM2006I-011613 BPS1-SVPM2006D-011613 BPS1-SVPM2007S-011613 BPS1-SVPM2007IR-011613 BPS1-SVPM2007D- 011613BPS1-DUP01-011513 BPS1-DUP02-011613 BPS1-FB2001-011513	None

Laboratory Sample ID	Compound	Results (µg/M^3)	Action Level (2x CRQL) (µg/M^3)	Sample Affected	Action
				BPS1-FB2002-011613	
	Methylene Chloride	0.31J	17	BPS1-SVPM2006I-011613 BPS1-SVPM2006D-011613 BPS1-SVPM2007S-011613 BPS1-SVPM2007IR-011613 BPS1-SVPM2007D-011613 BPS1-DUP01-011513 BPS1-DUP02-011613 BPS1-FB2001-011513 BPS1-FB2002-011613	None U None U U U None U U
	Propylbenzene	0.27J	2.4	BPS1-SVPM2006I-011613 BPS1-SVPM2006D-011613 BPS1-SVPM2007S-011613 BPS1-SVPM2007IR-011613 BPS1-SVPM2007D-011613 BPS1-DUP01-011513 BPS1-DUP02-011613 BPS1-FB2001-011513 BPS1-FB2002-011613	None None None None U None None None None

3. Field Blank (BPS1-FB2001-011513) (1301315-21A) analyzed on 01/15/2013 was free of contamination with the exception of the following:

Laboratory Sample ID	Compound	Results (µg/M^3)	Action Level (2x CRQL) (µg/M^3)	Sample Affected	Action
BPS1-FB2001-011513	Freon 12	2.8	4.0	BPS1-SVPM2001S-011513 BPS1-SVPM2001I-011513 BPS1-SVPM2001D-011513 BPS1-SVPM2002S-011513 BPS1-SVPM2002I-011513 BPS1-SVPM2002D-011513 BPS1-DUP01-011513	U U U U U U U
	Freon 11	1.4	4.5	BPS1-SVPM2001S-011513 BPS1-SVPM2001I-011513 BPS1-SVPM2001D-011513 BPS1-SVPM2002S-011513 BPS1-SVPM2002I-011513 BPS1-SVPM2002D-011513 BPS1-DUP01-011513	U U U U U U U
	Ethanol	900	6.1	BPS1-SVPM2001S-011513	U

Laboratory Sample ID	Compound	Results (µg/M^3)	Action Level (2x CRQL) (µg/M^3)	Sample Affected	Action
				BPS1-SVPM2001I-011513	U
				BPS1-SVPM2001D-011513	U
				BPS1-SVPM2002S-011513	U
				BPS1-SVPM2002I-011513	U
				BPS1-SVPM2002D-011513	U
				BPS1-DUP01-011513	U
	Acetone	19	19	BPS1-SVPM2001S-011513	U
				BPS1-SVPM2001I-011513	U
				BPS1-SVPM2001D-011513	U
				BPS1-SVPM2002S-011513	U
				BPS1-SVPM2002I-011513	U
				BPS1-SVPM2002D-011513	U
				BPS1-DUP01-011513	U
	2-Propanol	5.4	7.9	BPS1-SVPM2001S-011513	None
				BPS1-SVPM2001I-011513	None
				BPS1-SVPM2001D-011513	None
				BPS1-SVPM2002S-011513	None
				BPS1-SVPM2002I-011513	None
				BPS1-SVPM2002D-011513	U
				BPS1-DUP01-011513	None
	Hexane	0.78	2.8	BPS1-SVPM2001S-011513	U
				BPS1-SVPM2001I-011513	U
				BPS1-SVPM2001D-011513	U
				BPS1-SVPM2002S-011513	None
				BPS1-SVPM2002I-011513	U
				BPS1-SVPM2002D-011513	U
				BPS1-DUP01-011513	U
	2,2,4-Trimethylpentane	0.67	3.8	BPS1-SVPM2001S-011513	U
				BPS1-SVPM2001I-011513	U
				BPS1-SVPM2001D-011513	U
				BPS1-SVPM2002S-011513	None
				BPS1-SVPM2002I-011513	None
				BPS1-SVPM2002D-011513	None
				BPS1-DUP01-011513	U
	Heptane	1.0	3.3	BPS1-SVPM2001S-011513	U
				BPS1-SVPM2001I-011513	U
				BPS1-SVPM2001D-011513	U
				BPS1-SVPM2002S-011513	None
				BPS1-SVPM2002I-011513	None
				BPS1-SVPM2002D-011513	None
				BPS1-DUP01-011513	U
	Trichloroethene	3.0	4.3	BPS1-SVPM2001S-011513	None

Laboratory Sample ID	Compound	Results ($\mu g/M^3$)	Action Level (2x CRQL) ($\mu g/M^3$)	Sample Affected	Action
				BPS1-SVPM2001I-011513 BPS1-SVPM2001D-011513 BPS1-SVPM2002S-011513 BPS1-SVPM2002I-011513 BPS1-SVPM2002D-011513 BPS1-DUP01-011513	
	Toluene	3.7	3.0	BPS1-SVPM2001S-011513 BPS1-SVPM2001I-011513 BPS1-SVPM2001D-011513 BPS1-SVPM2002S-011513 BPS1-SVPM2002I-011513 BPS1-SVPM2002D-011513 BPS1-DUP01-011513	None None None U U None None
	Tetrachloroethene	0.95	5.5	BPS1-SVPM2001S-011513 BPS1-SVPM2001I-011513 BPS1-SVPM2001D-011513 BPS1-SVPM2002S-011513 BPS1-SVPM2002I-011513 BPS1-SVPM2002D-011513 BPS1-DUP01-011513	U U U None U None U
	Ethyl Benzene	0.60	3.5	BPS1-SVPM2001S-011513 BPS1-SVPM2001I-011513 BPS1-SVPM2001D-011513 BPS1-SVPM2002S-011513 BPS1-SVPM2002I-011513 BPS1-SVPM2002D-011513 BPS1-DUP01-011513	U U None None None None None
	M,p-Xylene	2.2	3.5	BPS1-SVPM2001S-011513 BPS1-SVPM2001I-011513 BPS1-SVPM2001D-011513 BPS1-SVPM2002S-011513 BPS1-SVPM2002I-011513 BPS1-SVPM2002D-011513 BPS1-DUP01-011513	U U U U U U U
	o-Xylene	0.55	3.5	BPS1-SVPM2001S-011513 BPS1-SVPM2001I-011513 BPS1-SVPM2001D-011513 BPS1-SVPM2002S-011513 BPS1-SVPM2002I-011513 BPS1-SVPM2002D-011513 BPS1-DUP01-011513	U U U None None None None
	4-Ethyltoluene	0.33	4.0	BPS1-SVPM2001S-011513	U

Laboratory Sample ID	Compound	Results ($\mu g/M^3$)	Action Level (2x CRQL) ($\mu g/M^3$)	Sample Affected	Action
				BPS1-SVPM2001I-011513	None
				BPS1-SVPM2001D-011513	None
				BPS1-SVPM2002S-011513	U
				BPS1-SVPM2002I-011513	U
				BPS1-SVPM2002D-011513	None
				BPS1-DUP01-011513	None

4. Field Blank (BPS1-FB2002-011613) (1301315-22A) analyzed on 01/16/2013 was free of contamination with the exception of the following:

Laboratory Sample ID	Compound	Results ($\mu g/M^3$)	Action Level (2x CRQL) ($\mu g/M^3$)	Sample Affected	Action
BPS1-FB2002-011613	Freon 12	2.5	3.9	BPS1-SVPM2003S-011613	U
				BPS1-SVPM2003I-011613	U
				BPS1-SVPM2003D-011613	U
				BPS1-SVPM2004S-011613	U
				BPS1-SVPM2004I-011613	U
				BPS1-SVPM2004D-011613	U
				BPS1-SVPM2006S-011613	U
				BPS1-SVPM2006I-011613	U
				BPS1-SVPM2006D-011613	U
				BPS1-SVPM2007S-011613	U
				BPS1-SVPM2007IR-011613	U
				BPS1-SVPM2007D-011613	None
				BPS1-DUP02-011613	None
	Freon 11	1.3	4.4	BPS1-SVPM2003S-011613	U
				BPS1-SVPM2003I-011613	U
				BPS1-SVPM2003D-011613	U
				BPS1-SVPM2004S-011613	U
				BPS1-SVPM2004I-011613	U
				BPS1-SVPM2004D-011613	U
				BPS1-SVPM2006S-011613	U
				BPS1-SVPM2006I-011613	U
				BPS1-SVPM2006D-011613	U
				BPS1-SVPM2007S-011613	U
				BPS1-SVPM2007IR-011613	U
				BPS1-SVPM2007D-011613	U
				BPS1-DUP02-011613	U

Laboratory Sample ID	Compound	Results (µg/M^3)	Action Level (2x CRQL) (µg/M^3)	Sample Affected	Action
	Ethanol	5.6	6.0	BPS1-SVPM2003S-011613	None
				BPS1-SVPM2003I-011613	U
				BPS1-SVPM2003D-011613	U
				BPS1-SVPM2004S-011613	U
				BPS1-SVPM2004I-011613	U
				BPS1-SVPM2004D-011613	U
				BPS1-SVPM2006S-011613	U
				BPS1-SVPM2006I-011613	U
				BPS1-SVPM2006D-011613	U
				BPS1-SVPM2007S-011613	U
				BPS1-SVPM2007IR-011613	U
				BPS1-SVPM2007D-011613	U
				BPS1-DUP02-011613	U
	Acetone	8.4	19	BPS1-SVPM2003S-011613	U
				BPS1-SVPM2003I-011613	U
				BPS1-SVPM2003D-011613	U
				BPS1-SVPM2004S-011613	U
				BPS1-SVPM2004I-011613	U
				BPS1-SVPM2004D-011613	U
				BPS1-SVPM2006S-011613	U
				BPS1-SVPM2006I-011613	U
				BPS1-SVPM2006D-011613	U
				BPS1-SVPM2007S-011613	U
				BPS1-SVPM2007IR-011613	U
				BPS1-SVPM2007D-011613	None
				BPS1-DUP02-011613	U
	2-Propanol	1.7	7.8	BPS1-SVPM2003S-011613	U
				BPS1-SVPM2003I-011613	None
				BPS1-SVPM2003D-011613	None
				BPS1-SVPM2004S-011613	None
				BPS1-SVPM2004I-011613	None
				BPS1-SVPM2004D-011613	U
				BPS1-SVPM2006S-011613	None
				BPS1-SVPM2006I-011613	U
				BPS1-SVPM2006D-011613	None
				BPS1-SVPM2007S-011613	None
				BPS1-SVPM2007IR-011613	None
				BPS1-SVPM2007D-011613	U
				BPS1-DUP02-011613	None
	Carbon Disulfide	1.1	9.8	BPS1-SVPM2003S-011613	U
				BPS1-SVPM2003I-011613	U

Laboratory Sample ID	Compound	Results (µg/M^3)	Action Level (2x CRQL) (µg/M^3)	Sample Affected	Action
				BPS1-SVPM2003D-011613	U
				BPS1-SVPM2004S-011613	U
				BPS1-SVPM2004I-011613	U
				BPS1-SVPM2004D-011613	U
				BPS1-SVPM2006S-011613	U
				BPS1-SVPM2006I-011613	U
				BPS1-SVPM2006D-011613	U
				BPS1-SVPM2007S-011613	U
				BPS1-SVPM2007IR-011613	U
				BPS1-SVPM2007D-011613	U
				BPS1-DUP02-011613	U
	Methylene Chloride	1.1	27	BPS1-SVPM2003S-011613	U
				BPS1-SVPM2003I-011613	None
				BPS1-SVPM2003D-011613	None
				BPS1-SVPM2004S-011613	U
				BPS1-SVPM2004I-011613	None
				BPS1-SVPM2004D-011613	U
				BPS1-SVPM2006S-011613	None
				BPS1-SVPM2006I-011613	None
				BPS1-SVPM2006D-011613	U
				BPS1-SVPM2007S-011613	None
				BPS1-SVPM2007IR-011613	U
				BPS1-SVPM2007D-011613	U
				BPS1-DUP02-011613	None
	Toluene	3.3	3.0	BPS1-SVPM2003S-011613	None
				BPS1-SVPM2003I-011613	U
				BPS1-SVPM2003D-011613	U
				BPS1-SVPM2004S-011613	U
				BPS1-SVPM2004I-011613	U
				BPS1-SVPM2004D-011613	U
				BPS1-SVPM2006S-011613	U
				BPS1-SVPM2006I-011613	U
				BPS1-SVPM2006D-011613	U
				BPS1-SVPM2007S-011613	U
				BPS1-SVPM2007IR-011613	U
				BPS1-SVPM2007D-011613	None
				BPS1-DUP02-011613	U
	1,2,4-Trimethylbenzene	1.0	3.9	BPS1-SVPM2003S-011613	U
				BPS1-SVPM2003I-011613	None
				BPS1-SVPM2003D-011613	None
				BPS1-SVPM2004S-011613	U
				BPS1-SVPM2004I-011613	None

Laboratory Sample ID	Compound	Results (µg/M^3)	Action Level (2x CRQL) (µg/M^3)	Sample Affected	Action
				BPS1-SVPM2004D-011613	None
				BPS1-SVPM2006S-011613	None
				BPS1-SVPM2006I-011613	U
				BPS1-SVPM2006D-011613	None
				BPS1-SVPM2007S-011613	None
				BPS1-SVPM2007IR-011613	None
				BPS1-SVPM2007D-011613	U
				BPS1-DUP02-011613	None
	M,p-Xylene	1.8	3.4	BPS1-SVPM2003S-011613	U
				BPS1-SVPM2003I-011613	U
				BPS1-SVPM2003D-011613	U
				BPS1-SVPM2004S-011613	U
				BPS1-SVPM2004I-011613	U
				BPS1-SVPM2004D-011613	U
				BPS1-SVPM2006S-011613	U
				BPS1-SVPM2006I-011613	U
				BPS1-SVPM2006D-011613	U
				BPS1-SVPM2007S-011613	U
				BPS1-SVPM2007IR-011613	U
				BPS1-SVPM2007D-011613	U
				BPS1-DUP02-011613	U
	4-Ethyltoluene	0.63	3.9	BPS1-SVPM2003S-011613	U
				BPS1-SVPM2003I-011613	None
				BPS1-SVPM2003D-011613	None
				BPS1-SVPM2004S-011613	None
				BPS1-SVPM2004I-011613	U
				BPS1-SVPM2004D-011613	U
				BPS1-SVPM2006S-011613	None
				BPS1-SVPM2006I-011613	U
				BPS1-SVPM2006D-011613	U
				BPS1-SVPM2007S-011613	None
				BPS1-SVPM2007IR-011613	U
				BPS1-SVPM2007D-011613	U
				BPS1-DUP02-011613	None

<u>Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD)</u>:

1. Laboratory Control Samples (1301315-25A/AA) were analyzed on 01/25/2013. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.

2. Laboratory Control Samples (1301315-25B/BB) were analyzed on 01/26/2013. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample BPS1-DUP01-011513 (1301315-19A) was collected as field duplicate for sample BPS1-SVPM2001D-0115213 (1301315-03A). All RPDs were ≤50.0%. Tetrahydrofuran was detected in the field sample but was non-detect in the field duplicate sample.

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
BPS1-SVPM2001D-0115213	Tetrahydrofuran	TO-15	1.7	µg/M^3	BPS1-DUP01-011513	ND	µg/M^3	NC	J/UJ
BPS1-SVPM2001D-0115213	Benzene	TO-15	1.5	µg/M^3	BPS1-DUP01-011513	1.7	µg/M^3	12.5	None
BPS1-SVPM2001D-0115213	Toluene	TO-15	6.6	µg/M^3	BPS1-DUP01-011513	6.2	µg/M^3	6.2	None

2. Sample BPS1-DUP02-011613 (1301315-20A) was collected as field duplicate for sample BPS1-SVPM2007D-0116213 (1301315-18A). All RPDs were ≤50.0% with the exception of trichloroethene. Acetone, trans-1,2-dichloroethene, hexane, cyclohexane, 2,2,4-trimethylpentane, benzene, heptanes, toluene, ethyl benzene, and o-xylene were detected in the field sample but were non-detect in the field duplicate sample.

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
BPS1-SVPM2007D-0116213	Freon 12	TO-15	9.5	µg/M^3	BPS1-DUP02-011613	12	µg/M^3	23.3	None
BPS1-SVPM2007D-0116213	Acetone	TO-15	48	µg/M^3	BPS1-DUP02-011613	ND	µg/M^3	NC	J/UJ
BPS1-SVPM2007D-0116213	Trans-1,2-Dichloroethene	TO-15	1.3	µg/M^3	BPS1-DUP02-011613	ND	µg/M^3	NC	J/UJ
BPS1-SVPM2007D-0116213	Hexane	TO-15	1.7	µg/M^3	BPS1-DUP02-011613	ND	µg/M^3	NC	J/UJ
BPS1-SVPM2007D-0116213	Cis-1,2-Dichloroethene	TO-15	9.8	µg/M^3	BPS1-DUP02-011613	11	µg/M^3	11.5	None
BPS1-SVPM2007D-0116213	Chloroform	TO-15	2.1	µg/M^3	BPS1-DUP02-011613	2.5	µg/M^3	17.4	None
BPS1-SVPM2007D-0116213	1,1,1-Trichloroethane	TO-15	1.3	µg/M^3	BPS1-DUP02-011613	1.1	µg/M^3	16.7	None
BPS1-SVPM2007D-0116213	Cyclohexane	TO-15	2.5	µg/M^3	BPS1-DUP02-011613	ND	µg/M^3	NC	J/UJ
BPS1-SVPM2007D-0116213	2,2,4-Trimethylpentane	TO-15	1.8	µg/M^3	BPS1-DUP02-011613	ND	µg/M^3	NC	J/UJ
BPS1-SVPM2007D-0116213	Benzene	TO-15	1.3	µg/M^3	BPS1-DUP02-011613	ND	µg/M^3	NC	J/UJ
BPS1-SVPM2007D-0116213	Heptane	TO-15	3.4	µg/M^3	BPS1-DUP02-011613	ND	µg/M^3	NC	J/UJ
BPS1-SVPM2007D-0116213	Trichloroethene	TO-15	5.5	µg/M^3	BPS1-DUP02-011613	2.9	µg/M^3	61.9	J
BPS1-SVPM2007D-0116213	Toluene	TO-15	10	µg/M^3	BPS1-DUP02-011613	ND	µg/M^3	NC	J/UJ
BPS1-SVPM2007D-0116213	Tetrachloroethene	TO-15	2.2	µg/M^3	BPS1-DUP02-011613	1.8	µg/M^3	20	None
BPS1-SVPM2007D-0116213	Ethyl Benzene	TO-15	1.3	µg/M^3	BPS1-DUP02-011613	ND	µg/M^3	NC	J/UJ
BPS1-SVPM2007D-0116213	o-Xylene	TO-15	1.7	µg/M^3	BPS1-DUP02-011613	ND	µg/M^3	NC	J/UJ

Sample Duplicate:

1. Sample duplicate was performed on sample BPS1-SVPM2003I-011613 (1301315-08A). All RPDs were ≤ 30%. No qualifications were required.

Sample ID	Analytical Method	Analyte	Result	Units	Sample Duplicate	Result	Units	RPD	Qualifier
BPS1-SVPM2003I-011613	TO15	Acetone	1.495	µg/M^3	BPS1-SVPM2003I-011613 (lab duplicate)	1.309	µg/M^3	13	None
	TO15	Carbon Disulfide	0.4502	µg/M^3		0.4022	µg/M^3	11	None
	TO15	Chloroform	8.049	µg/M^3		7.68	µg/M^3	4.7	None
	TO15	Ethanol	3.92	µg/M^3		3.121	µg/M^3	23	None
	TO15	Freon 11	0.3107	µg/M^3		0.3043	µg/M^3	2.1	None
	TO15	Freon 12	0.5299	µg/M^3		0.4583	µg/M^3	14	None
	TO15	M,p-Xylene	0.249	µg/M^3		0.2608	µg/M^3	4.6	None
	TO15	Tetrachloroethene	0.1435	µg/M^3		0.1259	µg/M^3	13	None
	TO15	Tetrahydrofuran	0.4635	µg/M^3		0.3055	µg/M^3	41	J
	TO15	Toluene	0.5429	µg/M^3		0.51	µg/M^3	6.2	None

2. Sample duplicate was performed on sample BPS1-SVPM2007D-011613 (1301315-18A). All RPDs were ≤ 30%. No qualifications were required.

Sample ID	Analytical Method	Analyte	Result	Units	Sample Duplicate	Result	Units	RPD	Qualifier
BPS1-SVPM2007D-011613	TO15	1,1,1-Trichloroethane	0.2332	µg/M^3	BPS1-SVPM2007D-011613 (lab duplicate)	0.2723	µg/M^3	15	None
	TO15	1,2,4-Trimethylbenzene	0.2605	µg/M^3		0.261	µg/M^3	0.19	None
	TO15	2,2,4-Trimethylpentane	0.3972	µg/M^3		0.4263	µg/M^3	7.1	None
	TO15	2-Propanol	2.09	µg/M^3		2.367	µg/M^3	12	None
	TO15	4-Ethyltoluene	0.1904	µg/M^3		0.2055	µg/M^3	7.6	None
	TO15	Acetone	20.182	µg/M^3		20.119	µg/M^3	0.31	None
	TO15	Benzene	0.3992	µg/M^3		0.3603	µg/M^3	10	None
	TO15	Carbon Disulfide	0.6016	µg/M^3		0.6003	µg/M^3	0.22	None
	TO15	Chloroform	0.4285	µg/M^3		0.4951	µg/M^3	14	None
	TO15	Cis-1,2-Dichloroethene	2.48	µg/M^3		2.732	µg/M^3	10	None
	TO15	Cyclohexane	0.7208	µg/M^3		0.4198	µg/M^3	53	J
	TO15	Ethanol	4.893	µg/M^3		5.202	µg/M^3	6.1	None
	TO15	Ethyl Benzene	0.3018	µg/M^3		0.3125	µg/M^3	3.5	None
	TO15	Freon 11	0.357	µg/M^3		0.3274	µg/M^3	8.6	None
	TO15	Freon 12	1.931	µg/M^3		2.078	µg/M^3	7.3	None
	TO15	Heptane	0.8228	µg/M^3		0.7558	µg/M^3	8.5	None

Sample ID	Analytical Method	Analyte	Result	Units	Sample Duplicate	Result	Units	RPD	Qualifier
	TO15	Hexane	0.4734	µg/M^3		0.5702	µg/M^3	18	None
	TO15	M,p-Xylene	1.081	µg/M^3		1.101	µg/M^3	1.8	None
	TO15	Methylene Chloride	0.4507	µg/M^3		0.4639	µg/M^3	2.9	None
	TO15	o-Xylene	0.3926	µg/M^3		0.3408	µg/M^3	25	None
	TO15	Tetrachloroethene	0.3202	µg/M^3		0.311	µg/M^3	2.9	None
	TO15	Toluene	2.716	µg/M^3		2.63	µg/M^3	3.2	None
	TO15	Trans-1,2-Dichloroethene	0.331	µg/M^3		0.3046	µg/M^3	8.3	None
	TO15	Trichloroethene	1.017	µg/M^3		1.015	µg/M^3	0.20	None

Target Compound Identification:

1. All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).

2. Sample compound spectra were compared against the laboratory standard spectra.

3. No QC deviations were observed.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range. No qualifications were required.

2. Manual Calculation:

$$\text{Concentration } (\mu g/m^3) = \frac{\text{Result (ppbv) x Molecular weight x DF}}{24.46}$$

BPS1-SVPM2001S-011513 (1301315-01A)

1,2,4-Trimethylbenzene
Result (ppbv) = 0.2325
Molecular Weight @ 25°C=92.14
DF = 1.34

$$\text{Concentration } (\mu g/m^3) \ \frac{0.2325 \times 92.14 \times 1.34}{24.46} = 1.1735 \mu g/m^3$$

Compound	Laboratory ($\mu g/m^3$)	Validation ($\mu g/m^3$)	%D
1,2,4-Trimethylbenzene	1.1	1.1	0.0

Comments:

1. Volatile data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.

2. Validation qualifiers (if required) were entered into the EDD for SDG: 1301315.

3. Summary of the qualified data is listed in the Data Summary Table for SDG: 1301315.

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2001S-011513	1301315-01A	Freon 12	TO-15	1/15/2013	2.3	UG/M3	U	3.3
BPS1-SVPM2001S-011513	1301315-01A	Freon 114	TO-15	1/15/2013		UG/M3	U	4.7
BPS1-SVPM2001S-011513	1301315-01A	Chloromethane	TO-15	1/15/2013		UG/M3	U	14
BPS1-SVPM2001S-011513	1301315-01A	Vinyl Chloride	TO-15	1/15/2013		UG/M3	U	1.7
BPS1-SVPM2001S-011513	1301315-01A	1,3-Butadiene	TO-15	1/15/2013		UG/M3	U	1.5
BPS1-SVPM2001S-011513	1301315-01A	Bromomethane	TO-15	1/15/2013	1.6	UG/M3	U	26
BPS1-SVPM2001S-011513	1301315-01A	Chloroethane	TO-15	1/15/2013		UG/M3	U	7.1
BPS1-SVPM2001S-011513	1301315-01A	Freon 11	TO-15	1/15/2013	1.2	UG/M3	U	3.8
BPS1-SVPM2001S-011513	1301315-01A	Ethanol	TO-15	1/15/2013	8.2	UG/M3	U	5.0
BPS1-SVPM2001S-011513	1301315-01A	Freon 113	TO-15	1/15/2013		UG/M3	U	5.1
BPS1-SVPM2001S-011513	1301315-01A	1,1-Dichloroethene	TO-15	1/15/2013		UG/M3	U	2.6
BPS1-SVPM2001S-011513	1301315-01A	Acetone	TO-15	1/15/2013	6.7	UG/M3	U	16
BPS1-SVPM2001S-011513	1301315-01A	2-Propanol	TO-15	1/15/2013		UG/M3	U	6.6
BPS1-SVPM2001S-011513	1301315-01A	Carbon Disulfide	TO-15	1/15/2013	1.1	UG/M3	U	8.3
BPS1-SVPM2001S-011513	1301315-01A	3-Chloropropene	TO-15	1/15/2013		UG/M3	U	8.4
BPS1-SVPM2001S-011513	1301315-01A	Methylene Chloride	TO-15	1/15/2013		UG/M3	U	23
BPS1-SVPM2001S-011513	1301315-01A	Methyl tert-butyl ether	TO-15	1/15/2013		UG/M3	U	2.4
BPS1-SVPM2001S-011513	1301315-01A	trans-1,2-Dichloroethene	TO-15	1/15/2013		UG/M3	U	2.6
BPS1-SVPM2001S-011513	1301315-01A	Hexane	TO-15	1/15/2013	2.2	UG/M3	U	2.4
BPS1-SVPM2001S-011513	1301315-01A	1,1-Dichloroethane	TO-15	1/15/2013		UG/M3	U	2.7
BPS1-SVPM2001S-011513	1301315-01A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/15/2013		UG/M3	U	7.9
BPS1-SVPM2001S-011513	1301315-01A	cis-1,2-Dichloroethene	TO-15	1/15/2013		UG/M3	U	2.6
BPS1-SVPM2001S-011513	1301315-01A	Tetrahydrofuran	TO-15	1/15/2013	1.8	UG/M3	J	2.0
BPS1-SVPM2001S-011513	1301315-01A	Chloroform	TO-15	1/15/2013		UG/M3	U	3.3
BPS1-SVPM2001S-011513	1301315-01A	1,1,1-Trichloroethane	TO-15	1/15/2013		UG/M3	U	3.6
BPS1-SVPM2001S-011513	1301315-01A	Cyclohexane	TO-15	1/15/2013		UG/M3	U	2.3
BPS1-SVPM2001S-011513	1301315-01A	Carbon Tetrachloride	TO-15	1/15/2013		UG/M3	U	4.2
BPS1-SVPM2001S-011513	1301315-01A	2,2,4-Trimethylpentane	TO-15	1/15/2013	0.52	UG/M3	U	3.1
BPS1-SVPM2001S-011513	1301315-01A	Benzene	TO-15	1/15/2013		UG/M3	U	2.1
BPS1-SVPM2001S-011513	1301315-01A	1,2-Dichloroethane	TO-15	1/15/2013		UG/M3	U	2.7
BPS1-SVPM2001S-011513	1301315-01A	Heptane	TO-15	1/15/2013	1.4	UG/M3	U	2.7
BPS1-SVPM2001S-011513	1301315-01A	Trichloroethene	TO-15	1/15/2013		UG/M3	U	3.6
BPS1-SVPM2001S-011513	1301315-01A	1,2-Dichloropropane	TO-15	1/15/2013		UG/M3	U	3.1

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2001S-011513	1301315-01A	1,4-Dioxane	TO-15	1/15/2013		UG/M3	U	9.6
BPS1-SVPM2001S-011513	1301315-01A	Bromodichloromethane	TO-15	1/15/2013		UG/M3	U	4.5
BPS1-SVPM2001S-011513	1301315-01A	cis-1,3-Dichloropropene	TO-15	1/15/2013		UG/M3	U	3.0
BPS1-SVPM2001S-011513	1301315-01A	4-Methyl-2-pentanone	TO-15	1/15/2013		UG/M3	U	2.7
BPS1-SVPM2001S-011513	1301315-01A	Toluene	TO-15	1/15/2013	3.6	UG/M3	U	2.5
BPS1-SVPM2001S-011513	1301315-01A	trans-1,3-Dichloropropene	TO-15	1/15/2013		UG/M3	U	3.0
BPS1-SVPM2001S-011513	1301315-01A	1,1,2-Trichloroethane	TO-15	1/15/2013		UG/M3	U	3.6
BPS1-SVPM2001S-011513	1301315-01A	Tetrachloroethene	TO-15	1/15/2013	2.8	UG/M3	U	4.5
BPS1-SVPM2001S-011513	1301315-01A	2-Hexanone	TO-15	1/15/2013		UG/M3	U	11
BPS1-SVPM2001S-011513	1301315-01A	Dibromochloromethane	TO-15	1/15/2013		UG/M3	U	5.7
BPS1-SVPM2001S-011513	1301315-01A	1,2-Dibromoethane (EDB)	TO-15	1/15/2013		UG/M3	U	5.1
BPS1-SVPM2001S-011513	1301315-01A	Chlorobenzene	TO-15	1/15/2013		UG/M3	U	3.1
BPS1-SVPM2001S-011513	1301315-01A	Ethyl Benzene	TO-15	1/15/2013	0.58	UG/M3	U	2.9
BPS1-SVPM2001S-011513	1301315-01A	m,p-Xylene	TO-15	1/15/2013	2.2	UG/M3	U	2.9
BPS1-SVPM2001S-011513	1301315-01A	o-Xylene	TO-15	1/15/2013	0.82	UG/M3	U	2.9
BPS1-SVPM2001S-011513	1301315-01A	Styrene	TO-15	1/15/2013		UG/M3	UJ	2.8
BPS1-SVPM2001S-011513	1301315-01A	Bromoform	TO-15	1/15/2013		UG/M3	U	6.9
BPS1-SVPM2001S-011513	1301315-01A	Cumene	TO-15	1/15/2013		UG/M3	U	3.3
BPS1-SVPM2001S-011513	1301315-01A	1,1,2,2-Tetrachloroethane	TO-15	1/15/2013		UG/M3	U	4.6
BPS1-SVPM2001S-011513	1301315-01A	Propylbenzene	TO-15	1/15/2013	0.35	UG/M3	J	3.3
BPS1-SVPM2001S-011513	1301315-01A	4-Ethyltoluene	TO-15	1/15/2013	1.2	UG/M3	U	3.3
BPS1-SVPM2001S-011513	1301315-01A	1,3,5-Trimethylbenzene	TO-15	1/15/2013		UG/M3	U	3.3
BPS1-SVPM2001S-011513	1301315-01A	1,2,4-Trimethylbenzene	TO-15	1/15/2013	1.1	UG/M3	U	3.3
BPS1-SVPM2001S-011513	1301315-01A	1,3-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	4.0
BPS1-SVPM2001S-011513	1301315-01A	1,4-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	4.0
BPS1-SVPM2001S-011513	1301315-01A	alpha-Chlorotoluene	TO-15	1/15/2013		UG/M3	U	3.5
BPS1-SVPM2001S-011513	1301315-01A	1,2-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	4.0
BPS1-SVPM2001S-011513	1301315-01A	1,2,4-Trichlorobenzene	TO-15	1/15/2013		UG/M3	U	20
BPS1-SVPM2001S-011513	1301315-01A	Hexachlorobutadiene	TO-15	1/15/2013		UG/M3	U	28
BPS1-SVPM2001S-011513	1301315-01A	Toluene-d8	TO-15	1/15/2013	94	%R		
BPS1-SVPM2001S-011513	1301315-01A	1,2-Dichloroethane-d4	TO-15	1/15/2013	87	%R		
BPS1-SVPM2001S-011513	1301315-01A	4-Bromofluorobenzene	TO-15	1/15/2013	104	%R		
BPS1-SVPM2001I-011513	1301315-02A	Freon 12	TO-15	1/15/2013	2.3	UG/M3	U	3.6

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2001I-011513	1301315-02A	Freon 114	TO-15	1/15/2013		UG/M3	U	5.1
BPS1-SVPM2001I-011513	1301315-02A	Chloromethane	TO-15	1/15/2013		UG/M3	U	15
BPS1-SVPM2001I-011513	1301315-02A	Vinyl Chloride	TO-15	1/15/2013		UG/M3	U	1.9
BPS1-SVPM2001I-011513	1301315-02A	1,3-Butadiene	TO-15	1/15/2013		UG/M3	U	1.6
BPS1-SVPM2001I-011513	1301315-02A	Bromomethane	TO-15	1/15/2013		UG/M3	U	28
BPS1-SVPM2001I-011513	1301315-02A	Chloroethane	TO-15	1/15/2013		UG/M3	U	7.7
BPS1-SVPM2001I-011513	1301315-02A	Freon 11	TO-15	1/15/2013	1.2	UG/M3	U	4.1
BPS1-SVPM2001I-011513	1301315-02A	Ethanol	TO-15	1/15/2013	5.0	UG/M3	U	5.5
BPS1-SVPM2001I-011513	1301315-02A	Freon 113	TO-15	1/15/2013		UG/M3	U	5.6
BPS1-SVPM2001I-011513	1301315-02A	1,1-Dichloroethene	TO-15	1/15/2013		UG/M3	U	2.9
BPS1-SVPM2001I-011513	1301315-02A	Acetone	TO-15	1/15/2013	43	UG/M3	U	17
BPS1-SVPM2001I-011513	1301315-02A	2-Propanol	TO-15	1/15/2013		UG/M3	U	7.2
BPS1-SVPM2001I-011513	1301315-02A	Carbon Disulfide	TO-15	1/15/2013	1.4	UG/M3	U	9.1
BPS1-SVPM2001I-011513	1301315-02A	3-Chloropropene	TO-15	1/15/2013		UG/M3	U	9.1
BPS1-SVPM2001I-011513	1301315-02A	Methylene Chloride	TO-15	1/15/2013	1.2	UG/M3	U	25
BPS1-SVPM2001I-011513	1301315-02A	Methyl tert-butyl ether	TO-15	1/15/2013		UG/M3	U	2.6
BPS1-SVPM2001I-011513	1301315-02A	trans-1,2-Dichloroethene	TO-15	1/15/2013		UG/M3	U	2.9
BPS1-SVPM2001I-011513	1301315-02A	Hexane	TO-15	1/15/2013	1.8	UG/M3	U	2.6
BPS1-SVPM2001I-011513	1301315-02A	1,1-Dichloroethane	TO-15	1/15/2013		UG/M3	U	3.0
BPS1-SVPM2001I-011513	1301315-02A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/15/2013		UG/M3	U	8.6
BPS1-SVPM2001I-011513	1301315-02A	cis-1,2-Dichloroethene	TO-15	1/15/2013		UG/M3	U	2.9
BPS1-SVPM2001I-011513	1301315-02A	Tetrahydrofuran	TO-15	1/15/2013		UG/M3	U	2.2
BPS1-SVPM2001I-011513	1301315-02A	Chloroform	TO-15	1/15/2013		UG/M3	U	3.6
BPS1-SVPM2001I-011513	1301315-02A	1,1,1-Trichloroethane	TO-15	1/15/2013		UG/M3	U	4.0
BPS1-SVPM2001I-011513	1301315-02A	Cyclohexane	TO-15	1/15/2013	2.1	UG/M3	J	2.5
BPS1-SVPM2001I-011513	1301315-02A	Carbon Tetrachloride	TO-15	1/15/2013		UG/M3	U	4.6
BPS1-SVPM2001I-011513	1301315-02A	2,2,4-Trimethylpentane	TO-15	1/15/2013	1.7	UG/M3	U	3.4
BPS1-SVPM2001I-011513	1301315-02A	Benzene	TO-15	1/15/2013	2.1	UG/M3	J	2.3
BPS1-SVPM2001I-011513	1301315-02A	1,2-Dichloroethane	TO-15	1/15/2013		UG/M3	U	3.0
BPS1-SVPM2001I-011513	1301315-02A	Heptane	TO-15	1/15/2013	3.3	UG/M3	U	3.0
BPS1-SVPM2001I-011513	1301315-02A	Trichloroethene	TO-15	1/15/2013		UG/M3	U	3.9
BPS1-SVPM2001I-011513	1301315-02A	1,2-Dichloropropane	TO-15	1/15/2013		UG/M3	U	3.4
BPS1-SVPM2001I-011513	1301315-02A	1,4-Dioxane	TO-15	1/15/2013		UG/M3	U	10

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2001I-011513	1301315-02A	Bromodichloromethane	TO-15	1/15/2013		UG/M3	U	4.9
BPS1-SVPM2001I-011513	1301315-02A	cis-1,3-Dichloropropene	TO-15	1/15/2013		UG/M3	U	3.3
BPS1-SVPM2001I-011513	1301315-02A	4-Methyl-2-pentanone	TO-15	1/15/2013		UG/M3	U	3.0
BPS1-SVPM2001I-011513	1301315-02A	Toluene	TO-15	1/15/2013	9.4	UG/M3		2.8
BPS1-SVPM2001I-011513	1301315-02A	trans-1,3-Dichloropropene	TO-15	1/15/2013		UG/M3	U	3.3
BPS1-SVPM2001I-011513	1301315-02A	1,1,2-Trichloroethane	TO-15	1/15/2013		UG/M3	U	4.0
BPS1-SVPM2001I-011513	1301315-02A	Tetrachloroethene	TO-15	1/15/2013	2.4	UG/M3	U	5.0
BPS1-SVPM2001I-011513	1301315-02A	2-Hexanone	TO-15	1/15/2013		UG/M3	U	12
BPS1-SVPM2001I-011513	1301315-02A	Dibromochloromethane	TO-15	1/15/2013		UG/M3	U	6.2
BPS1-SVPM2001I-011513	1301315-02A	1,2-Dibromoethane (EDB)	TO-15	1/15/2013		UG/M3	U	5.6
BPS1-SVPM2001I-011513	1301315-02A	Chlorobenzene	TO-15	1/15/2013		UG/M3	U	3.4
BPS1-SVPM2001I-011513	1301315-02A	Ethyl Benzene	TO-15	1/15/2013	0.87	UG/M3	U	3.2
BPS1-SVPM2001I-011513	1301315-02A	m,p-Xylene	TO-15	1/15/2013	2.8	UG/M3	U	3.2
BPS1-SVPM2001I-011513	1301315-02A	o-Xylene	TO-15	1/15/2013	0.86	UG/M3	U	3.2
BPS1-SVPM2001I-011513	1301315-02A	Styrene	TO-15	1/15/2013		UG/M3	UJ	3.1
BPS1-SVPM2001I-011513	1301315-02A	Bromoform	TO-15	1/15/2013		UG/M3	U	7.5
BPS1-SVPM2001I-011513	1301315-02A	Cumene	TO-15	1/15/2013		UG/M3	U	3.6
BPS1-SVPM2001I-011513	1301315-02A	1,1,2,2-Tetrachloroethane	TO-15	1/15/2013		UG/M3	U	5.0
BPS1-SVPM2001I-011513	1301315-02A	Propylbenzene	TO-15	1/15/2013		UG/M3	U	3.6
BPS1-SVPM2001I-011513	1301315-02A	4-Ethyltoluene	TO-15	1/15/2013		UG/M3	U	3.6
BPS1-SVPM2001I-011513	1301315-02A	1,3,5-Trimethylbenzene	TO-15	1/15/2013		UG/M3	U	3.6
BPS1-SVPM2001I-011513	1301315-02A	1,2,4-Trimethylbenzene	TO-15	1/15/2013		UG/M3	U	3.6
BPS1-SVPM2001I-011513	1301315-02A	1,3-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	4.4
BPS1-SVPM2001I-011513	1301315-02A	1,4-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	4.4
BPS1-SVPM2001I-011513	1301315-02A	alpha-Chlorotoluene	TO-15	1/15/2013		UG/M3	U	3.8
BPS1-SVPM2001I-011513	1301315-02A	1,2-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	4.4
BPS1-SVPM2001I-011513	1301315-02A	1,2,4-Trichlorobenzene	TO-15	1/15/2013		UG/M3	U	22
BPS1-SVPM2001I-011513	1301315-02A	Hexachlorobutadiene	TO-15	1/15/2013		UG/M3	U	31
BPS1-SVPM2001I-011513	1301315-02A	Toluene-d8	TO-15	1/15/2013	98	%R		
BPS1-SVPM2001I-011513	1301315-02A	1,2-Dichloroethane-d4	TO-15	1/15/2013	85	%R		
BPS1-SVPM2001I-011513	1301315-02A	4-Bromofluorobenzene	TO-15	1/15/2013	96	%R		
BPS1-SVPM2001D-011513	1301315-03A	Freon 12	TO-15	1/15/2013	2.5	UG/M3	U	5.5
BPS1-SVPM2001D-011513	1301315-03A	Freon 114	TO-15	1/15/2013		UG/M3	U	7.8

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2001D-011513	1301315-03A	Chloromethane	TO-15	1/15/2013		UG/M3	U	23
BPS1-SVPM2001D-011513	1301315-03A	Vinyl Chloride	TO-15	1/15/2013		UG/M3	U	2.8
BPS1-SVPM2001D-011513	1301315-03A	1,3-Butadiene	TO-15	1/15/2013		UG/M3	U	2.5
BPS1-SVPM2001D-011513	1301315-03A	Bromomethane	TO-15	1/15/2013	2.4	UG/M3	U	43
BPS1-SVPM2001D-011513	1301315-03A	Chloroethane	TO-15	1/15/2013		UG/M3	U	12
BPS1-SVPM2001D-011513	1301315-03A	Freon 11	TO-15	1/15/2013	0.94	UG/M3	U	6.3
BPS1-SVPM2001D-011513	1301315-03A	Ethanol	TO-15	1/15/2013	9.8	UG/M3	U	8.4
BPS1-SVPM2001D-011513	1301315-03A	Freon 113	TO-15	1/15/2013		UG/M3	U	8.5
BPS1-SVPM2001D-011513	1301315-03A	1,1-Dichloroethene	TO-15	1/15/2013		UG/M3	U	4.4
BPS1-SVPM2001D-011513	1301315-03A	Acetone	TO-15	1/15/2013	12	UG/M3	U	26
BPS1-SVPM2001D-011513	1301315-03A	2-Propanol	TO-15	1/15/2013		UG/M3	U	11
BPS1-SVPM2001D-011513	1301315-03A	Carbon Disulfide	TO-15	1/15/2013	2.9	UG/M3	U	14
BPS1-SVPM2001D-011513	1301315-03A	3-Chloropropene	TO-15	1/15/2013		UG/M3	U	14
BPS1-SVPM2001D-011513	1301315-03A	Methylene Chloride	TO-15	1/15/2013	1.1	UG/M3	U	39
BPS1-SVPM2001D-011513	1301315-03A	Methyl tert-butyl ether	TO-15	1/15/2013		UG/M3	U	4.0
BPS1-SVPM2001D-011513	1301315-03A	trans-1,2-Dichloroethene	TO-15	1/15/2013		UG/M3	U	4.4
BPS1-SVPM2001D-011513	1301315-03A	Hexane	TO-15	1/15/2013	14	UG/M3	U	3.9
BPS1-SVPM2001D-011513	1301315-03A	1,1-Dichloroethane	TO-15	1/15/2013		UG/M3	U	4.5
BPS1-SVPM2001D-011513	1301315-03A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/15/2013		UG/M3	U	13
BPS1-SVPM2001D-011513	1301315-03A	cis-1,2-Dichloroethene	TO-15	1/15/2013		UG/M3	U	4.4
BPS1-SVPM2001D-011513	1301315-03A	Tetrahydrofuran	TO-15	1/15/2013	1.7	UG/M3	J	3.3
BPS1-SVPM2001D-011513	1301315-03A	Chloroform	TO-15	1/15/2013		UG/M3	U	5.4
BPS1-SVPM2001D-011513	1301315-03A	1,1,1-Trichloroethane	TO-15	1/15/2013		UG/M3	U	6.1
BPS1-SVPM2001D-011513	1301315-03A	Cyclohexane	TO-15	1/15/2013		UG/M3	U	3.8
BPS1-SVPM2001D-011513	1301315-03A	Carbon Tetrachloride	TO-15	1/15/2013		UG/M3	U	7.0
BPS1-SVPM2001D-011513	1301315-03A	2,2,4-Trimethylpentane	TO-15	1/15/2013	1.8	UG/M3	U	5.2
BPS1-SVPM2001D-011513	1301315-03A	Benzene	TO-15	1/15/2013	1.5	UG/M3	J	3.6
BPS1-SVPM2001D-011513	1301315-03A	1,2-Dichloroethane	TO-15	1/15/2013		UG/M3	U	4.5
BPS1-SVPM2001D-011513	1301315-03A	Heptane	TO-15	1/15/2013	3.3	UG/M3	U	4.6
BPS1-SVPM2001D-011513	1301315-03A	Trichloroethene	TO-15	1/15/2013		UG/M3	U	6.0
BPS1-SVPM2001D-011513	1301315-03A	1,2-Dichloropropane	TO-15	1/15/2013		UG/M3	U	5.2
BPS1-SVPM2001D-011513	1301315-03A	1,4-Dioxane	TO-15	1/15/2013		UG/M3	U	16
BPS1-SVPM2001D-011513	1301315-03A	Bromodichloromethane	TO-15	1/15/2013		UG/M3	U	7.5

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2001D-011513	1301315-03A	cis-1,3-Dichloropropene	TO-15	1/15/2013		UG/M3	U	5.1
BPS1-SVPM2001D-011513	1301315-03A	4-Methyl-2-pentanone	TO-15	1/15/2013		UG/M3	U	4.6
BPS1-SVPM2001D-011513	1301315-03A	Toluene	TO-15	1/15/2013	6.6	UG/M3		4.2
BPS1-SVPM2001D-011513	1301315-03A	trans-1,3-Dichloropropene	TO-15	1/15/2013		UG/M3	U	5.1
BPS1-SVPM2001D-011513	1301315-03A	1,1,2-Trichloroethane	TO-15	1/15/2013		UG/M3	U	6.1
BPS1-SVPM2001D-011513	1301315-03A	Tetrachloroethene	TO-15	1/15/2013	2.4	UG/M3	U	7.6
BPS1-SVPM2001D-011513	1301315-03A	2-Hexanone	TO-15	1/15/2013		UG/M3	U	18
BPS1-SVPM2001D-011513	1301315-03A	Dibromochloromethane	TO-15	1/15/2013		UG/M3	U	9.5
BPS1-SVPM2001D-011513	1301315-03A	1,2-Dibromoethane (EDB)	TO-15	1/15/2013		UG/M3	U	8.6
BPS1-SVPM2001D-011513	1301315-03A	Chlorobenzene	TO-15	1/15/2013		UG/M3	U	5.1
BPS1-SVPM2001D-011513	1301315-03A	Ethyl Benzene	TO-15	1/15/2013		UG/M3	U	4.8
BPS1-SVPM2001D-011513	1301315-03A	m,p-Xylene	TO-15	1/15/2013	2.6	UG/M3	U	4.8
BPS1-SVPM2001D-011513	1301315-03A	o-Xylene	TO-15	1/15/2013	1.1	UG/M3	U	4.8
BPS1-SVPM2001D-011513	1301315-03A	Styrene	TO-15	1/15/2013		UG/M3	UJ	4.7
BPS1-SVPM2001D-011513	1301315-03A	Bromoform	TO-15	1/15/2013		UG/M3	U	12
BPS1-SVPM2001D-011513	1301315-03A	Cumene	TO-15	1/15/2013		UG/M3	U	5.5
BPS1-SVPM2001D-011513	1301315-03A	1,1,2,2-Tetrachloroethane	TO-15	1/15/2013		UG/M3	U	7.6
BPS1-SVPM2001D-011513	1301315-03A	Propylbenzene	TO-15	1/15/2013		UG/M3	U	5.5
BPS1-SVPM2001D-011513	1301315-03A	4-Ethyltoluene	TO-15	1/15/2013		UG/M3	U	5.5
BPS1-SVPM2001D-011513	1301315-03A	1,3,5-Trimethylbenzene	TO-15	1/15/2013		UG/M3	U	5.5
BPS1-SVPM2001D-011513	1301315-03A	1,2,4-Trimethylbenzene	TO-15	1/15/2013		UG/M3	U	5.5
BPS1-SVPM2001D-011513	1301315-03A	1,3-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	6.7
BPS1-SVPM2001D-011513	1301315-03A	1,4-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	6.7
BPS1-SVPM2001D-011513	1301315-03A	alpha-Chlorotoluene	TO-15	1/15/2013		UG/M3	U	5.8
BPS1-SVPM2001D-011513	1301315-03A	1,2-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	6.7
BPS1-SVPM2001D-011513	1301315-03A	1,2,4-Trichlorobenzene	TO-15	1/15/2013		UG/M3	U	33
BPS1-SVPM2001D-011513	1301315-03A	Hexachlorobutadiene	TO-15	1/15/2013		UG/M3	U	48
BPS1-SVPM2001D-011513	1301315-03A	Toluene-d8	TO-15	1/15/2013	96	%R		
BPS1-SVPM2001D-011513	1301315-03A	1,2-Dichloroethane-d4	TO-15	1/15/2013	83	%R		
BPS1-SVPM2001D-011513	1301315-03A	4-Bromofluorobenzene	TO-15	1/15/2013	95	%R		
BPS1-SVPM2002S-011513	1301315-04A	Freon 12	TO-15	1/15/2013	2.4	UG/M3	U	3.8
BPS1-SVPM2002S-011513	1301315-04A	Freon 114	TO-15	1/15/2013		UG/M3	U	5.3
BPS1-SVPM2002S-011513	1301315-04A	Chloromethane	TO-15	1/15/2013		UG/M3	U	16

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2002S-011513	1301315-04A	Vinyl Chloride	TO-15	1/15/2013		UG/M3	U	1.9
BPS1-SVPM2002S-011513	1301315-04A	1,3-Butadiene	TO-15	1/15/2013		UG/M3	U	1.7
BPS1-SVPM2002S-011513	1301315-04A	Bromomethane	TO-15	1/15/2013	1.4	UG/M3	U	30
BPS1-SVPM2002S-011513	1301315-04A	Chloroethane	TO-15	1/15/2013		UG/M3	U	8.0
BPS1-SVPM2002S-011513	1301315-04A	Freon 11	TO-15	1/15/2013	1.2	UG/M3	U	4.3
BPS1-SVPM2002S-011513	1301315-04A	Ethanol	TO-15	1/15/2013	6.4	UG/M3	U	5.7
BPS1-SVPM2002S-011513	1301315-04A	Freon 113	TO-15	1/15/2013		UG/M3	U	5.8
BPS1-SVPM2002S-011513	1301315-04A	1,1-Dichloroethene	TO-15	1/15/2013		UG/M3	U	3.0
BPS1-SVPM2002S-011513	1301315-04A	Acetone	TO-15	1/15/2013	7.2	UG/M3	U	18
BPS1-SVPM2002S-011513	1301315-04A	2-Propanol	TO-15	1/15/2013		UG/M3	U	7.5
BPS1-SVPM2002S-011513	1301315-04A	Carbon Disulfide	TO-15	1/15/2013	1.2	UG/M3	U	9.5
BPS1-SVPM2002S-011513	1301315-04A	3-Chloropropene	TO-15	1/15/2013		UG/M3	U	9.5
BPS1-SVPM2002S-011513	1301315-04A	Methylene Chloride	TO-15	1/15/2013		UG/M3	U	26
BPS1-SVPM2002S-011513	1301315-04A	Methyl tert-butyl ether	TO-15	1/15/2013		UG/M3	U	2.7
BPS1-SVPM2002S-011513	1301315-04A	trans-1,2-Dichloroethene	TO-15	1/15/2013		UG/M3	U	3.0
BPS1-SVPM2002S-011513	1301315-04A	Hexane	TO-15	1/15/2013		UG/M3	U	2.7
BPS1-SVPM2002S-011513	1301315-04A	1,1-Dichloroethane	TO-15	1/15/2013		UG/M3	U	3.1
BPS1-SVPM2002S-011513	1301315-04A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/15/2013		UG/M3	U	9.0
BPS1-SVPM2002S-011513	1301315-04A	cis-1,2-Dichloroethene	TO-15	1/15/2013		UG/M3	U	3.0
BPS1-SVPM2002S-011513	1301315-04A	Tetrahydrofuran	TO-15	1/15/2013	1.9	UG/M3	J	2.2
BPS1-SVPM2002S-011513	1301315-04A	Chloroform	TO-15	1/15/2013		UG/M3	U	3.7
BPS1-SVPM2002S-011513	1301315-04A	1,1,1-Trichloroethane	TO-15	1/15/2013		UG/M3	U	4.1
BPS1-SVPM2002S-011513	1301315-04A	Cyclohexane	TO-15	1/15/2013		UG/M3	U	2.6
BPS1-SVPM2002S-011513	1301315-04A	Carbon Tetrachloride	TO-15	1/15/2013		UG/M3	U	4.8
BPS1-SVPM2002S-011513	1301315-04A	2,2,4-Trimethylpentane	TO-15	1/15/2013		UG/M3	U	3.6
BPS1-SVPM2002S-011513	1301315-04A	Benzene	TO-15	1/15/2013	0.98	UG/M3	J	2.4
BPS1-SVPM2002S-011513	1301315-04A	1,2-Dichloroethane	TO-15	1/15/2013		UG/M3	U	3.1
BPS1-SVPM2002S-011513	1301315-04A	Heptane	TO-15	1/15/2013		UG/M3	U	3.1
BPS1-SVPM2002S-011513	1301315-04A	Trichloroethene	TO-15	1/15/2013		UG/M3	U	4.1
BPS1-SVPM2002S-011513	1301315-04A	1,2-Dichloropropane	TO-15	1/15/2013		UG/M3	U	3.5
BPS1-SVPM2002S-011513	1301315-04A	1,4-Dioxane	TO-15	1/15/2013		UG/M3	U	11
BPS1-SVPM2002S-011513	1301315-04A	Bromodichloromethane	TO-15	1/15/2013		UG/M3	U	5.1
BPS1-SVPM2002S-011513	1301315-04A	cis-1,3-Dichloropropene	TO-15	1/15/2013		UG/M3	U	3.4

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2002S-011513	1301315-04A	4-Methyl-2-pentanone	TO-15	1/15/2013		UG/M3	U	3.1
BPS1-SVPM2002S-011513	1301315-04A	Toluene	TO-15	1/15/2013	4.4	UG/M3	U	2.9
BPS1-SVPM2002S-011513	1301315-04A	trans-1,3-Dichloropropene	TO-15	1/15/2013		UG/M3	U	3.4
BPS1-SVPM2002S-011513	1301315-04A	1,1,2-Trichloroethane	TO-15	1/15/2013		UG/M3	U	4.1
BPS1-SVPM2002S-011513	1301315-04A	Tetrachloroethene	TO-15	1/15/2013		UG/M3	U	5.2
BPS1-SVPM2002S-011513	1301315-04A	2-Hexanone	TO-15	1/15/2013		UG/M3	U	12
BPS1-SVPM2002S-011513	1301315-04A	Dibromochloromethane	TO-15	1/15/2013		UG/M3	U	6.5
BPS1-SVPM2002S-011513	1301315-04A	1,2-Dibromoethane (EDB)	TO-15	1/15/2013		UG/M3	U	5.8
BPS1-SVPM2002S-011513	1301315-04A	Chlorobenzene	TO-15	1/15/2013		UG/M3	U	3.5
BPS1-SVPM2002S-011513	1301315-04A	Ethyl Benzene	TO-15	1/15/2013		UG/M3	U	3.3
BPS1-SVPM2002S-011513	1301315-04A	m,p-Xylene	TO-15	1/15/2013	1.6	UG/M3	U	3.3
BPS1-SVPM2002S-011513	1301315-04A	o-Xylene	TO-15	1/15/2013		UG/M3	U	3.3
BPS1-SVPM2002S-011513	1301315-04A	Styrene	TO-15	1/15/2013		UG/M3	UJ	3.2
BPS1-SVPM2002S-011513	1301315-04A	Bromoform	TO-15	1/15/2013		UG/M3	U	7.8
BPS1-SVPM2002S-011513	1301315-04A	Cumene	TO-15	1/15/2013		UG/M3	U	3.7
BPS1-SVPM2002S-011513	1301315-04A	1,1,2,2-Tetrachloroethane	TO-15	1/15/2013		UG/M3	U	5.2
BPS1-SVPM2002S-011513	1301315-04A	Propylbenzene	TO-15	1/15/2013		UG/M3	U	3.7
BPS1-SVPM2002S-011513	1301315-04A	4-Ethyltoluene	TO-15	1/15/2013	0.76	UG/M3	U	3.7
BPS1-SVPM2002S-011513	1301315-04A	1,3,5-Trimethylbenzene	TO-15	1/15/2013		UG/M3	U	3.7
BPS1-SVPM2002S-011513	1301315-04A	1,2,4-Trimethylbenzene	TO-15	1/15/2013		UG/M3	U	3.7
BPS1-SVPM2002S-011513	1301315-04A	1,3-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	4.6
BPS1-SVPM2002S-011513	1301315-04A	1,4-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	4.6
BPS1-SVPM2002S-011513	1301315-04A	alpha-Chlorotoluene	TO-15	1/15/2013		UG/M3	U	3.9
BPS1-SVPM2002S-011513	1301315-04A	1,2-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	4.6
BPS1-SVPM2002S-011513	1301315-04A	1,2,4-Trichlorobenzene	TO-15	1/15/2013		UG/M3	U	22
BPS1-SVPM2002S-011513	1301315-04A	Hexachlorobutadiene	TO-15	1/15/2013		UG/M3	U	32
BPS1-SVPM2002S-011513	1301315-04A	Toluene-d8	TO-15	1/15/2013	97	%R		
BPS1-SVPM2002S-011513	1301315-04A	1,2-Dichloroethane-d4	TO-15	1/15/2013	86	%R		
BPS1-SVPM2002S-011513	1301315-04A	4-Bromofluorobenzene	TO-15	1/15/2013	97	%R		
BPS1-SVPM2002I-011513	1301315-05A	Freon 12	TO-15	1/15/2013	2.5	UG/M3	U	3.6
BPS1-SVPM2002I-011513	1301315-05A	Freon 114	TO-15	1/15/2013		UG/M3	U	5.1
BPS1-SVPM2002I-011513	1301315-05A	Chloromethane	TO-15	1/15/2013		UG/M3	U	15
BPS1-SVPM2002I-011513	1301315-05A	Vinyl Chloride	TO-15	1/15/2013		UG/M3	U	1.9

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2002I-011513	1301315-05A	1,3-Butadiene	TO-15	1/15/2013		UG/M3	U	1.6
BPS1-SVPM2002I-011513	1301315-05A	Bromomethane	TO-15	1/15/2013		UG/M3	U	28
BPS1-SVPM2002I-011513	1301315-05A	Chloroethane	TO-15	1/15/2013		UG/M3	U	7.7
BPS1-SVPM2002I-011513	1301315-05A	Freon 11	TO-15	1/15/2013	1.4	UG/M3	U	4.1
BPS1-SVPM2002I-011513	1301315-05A	Ethanol	TO-15	1/15/2013	7.8	UG/M3	U	5.5
BPS1-SVPM2002I-011513	1301315-05A	Freon 113	TO-15	1/15/2013		UG/M3	U	5.6
BPS1-SVPM2002I-011513	1301315-05A	1,1-Dichloroethene	TO-15	1/15/2013		UG/M3	U	2.9
BPS1-SVPM2002I-011513	1301315-05A	Acetone	TO-15	1/15/2013	6.4	UG/M3	U	17
BPS1-SVPM2002I-011513	1301315-05A	2-Propanol	TO-15	1/15/2013		UG/M3	U	7.2
BPS1-SVPM2002I-011513	1301315-05A	Carbon Disulfide	TO-15	1/15/2013	1.1	UG/M3	U	9.1
BPS1-SVPM2002I-011513	1301315-05A	3-Chloropropene	TO-15	1/15/2013		UG/M3	U	9.1
BPS1-SVPM2002I-011513	1301315-05A	Methylene Chloride	TO-15	1/15/2013	0.52	UG/M3	U	25
BPS1-SVPM2002I-011513	1301315-05A	Methyl tert-butyl ether	TO-15	1/15/2013		UG/M3	U	2.6
BPS1-SVPM2002I-011513	1301315-05A	trans-1,2-Dichloroethene	TO-15	1/15/2013		UG/M3	U	2.9
BPS1-SVPM2002I-011513	1301315-05A	Hexane	TO-15	1/15/2013	0.66	UG/M3	U	2.6
BPS1-SVPM2002I-011513	1301315-05A	1,1-Dichloroethane	TO-15	1/15/2013		UG/M3	U	3.0
BPS1-SVPM2002I-011513	1301315-05A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/15/2013		UG/M3	U	8.6
BPS1-SVPM2002I-011513	1301315-05A	cis-1,2-Dichloroethene	TO-15	1/15/2013		UG/M3	U	2.9
BPS1-SVPM2002I-011513	1301315-05A	Tetrahydrofuran	TO-15	1/15/2013	3.1	UG/M3		2.2
BPS1-SVPM2002I-011513	1301315-05A	Chloroform	TO-15	1/15/2013		UG/M3	U	3.6
BPS1-SVPM2002I-011513	1301315-05A	1,1,1-Trichloroethane	TO-15	1/15/2013		UG/M3	U	4.0
BPS1-SVPM2002I-011513	1301315-05A	Cyclohexane	TO-15	1/15/2013		UG/M3	U	2.5
BPS1-SVPM2002I-011513	1301315-05A	Carbon Tetrachloride	TO-15	1/15/2013		UG/M3	U	4.6
BPS1-SVPM2002I-011513	1301315-05A	2,2,4-Trimethylpentane	TO-15	1/15/2013		UG/M3	U	3.4
BPS1-SVPM2002I-011513	1301315-05A	Benzene	TO-15	1/15/2013	1.8	UG/M3	J	2.3
BPS1-SVPM2002I-011513	1301315-05A	1,2-Dichloroethane	TO-15	1/15/2013		UG/M3	U	3.0
BPS1-SVPM2002I-011513	1301315-05A	Heptane	TO-15	1/15/2013		UG/M3	U	3.0
BPS1-SVPM2002I-011513	1301315-05A	Trichloroethene	TO-15	1/15/2013	12	UG/M3		3.9
BPS1-SVPM2002I-011513	1301315-05A	1,2-Dichloropropane	TO-15	1/15/2013		UG/M3	U	3.4
BPS1-SVPM2002I-011513	1301315-05A	1,4-Dioxane	TO-15	1/15/2013		UG/M3	U	10
BPS1-SVPM2002I-011513	1301315-05A	Bromodichloromethane	TO-15	1/15/2013		UG/M3	U	4.9
BPS1-SVPM2002I-011513	1301315-05A	cis-1,3-Dichloropropene	TO-15	1/15/2013		UG/M3	U	3.3
BPS1-SVPM2002I-011513	1301315-05A	4-Methyl-2-pentanone	TO-15	1/15/2013		UG/M3	U	3.0

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2002I-011513	1301315-05A	Toluene	TO-15	1/15/2013	5.7	UG/M3	U	2.8
BPS1-SVPM2002I-011513	1301315-05A	trans-1,3-Dichloropropene	TO-15	1/15/2013		UG/M3	U	3.3
BPS1-SVPM2002I-011513	1301315-05A	1,1,2-Trichloroethane	TO-15	1/15/2013		UG/M3	U	4.0
BPS1-SVPM2002I-011513	1301315-05A	Tetrachloroethene	TO-15	1/15/2013	0.60	UG/M3	U	5.0
BPS1-SVPM2002I-011513	1301315-05A	2-Hexanone	TO-15	1/15/2013		UG/M3	U	12
BPS1-SVPM2002I-011513	1301315-05A	Dibromochloromethane	TO-15	1/15/2013		UG/M3	U	6.2
BPS1-SVPM2002I-011513	1301315-05A	1,2-Dibromoethane (EDB)	TO-15	1/15/2013		UG/M3	U	5.6
BPS1-SVPM2002I-011513	1301315-05A	Chlorobenzene	TO-15	1/15/2013		UG/M3	U	3.4
BPS1-SVPM2002I-011513	1301315-05A	Ethyl Benzene	TO-15	1/15/2013		UG/M3	U	3.2
BPS1-SVPM2002I-011513	1301315-05A	m,p-Xylene	TO-15	1/15/2013	1.7	UG/M3	U	3.2
BPS1-SVPM2002I-011513	1301315-05A	o-Xylene	TO-15	1/15/2013		UG/M3	U	3.2
BPS1-SVPM2002I-011513	1301315-05A	Styrene	TO-15	1/15/2013		UG/M3	UJ	3.1
BPS1-SVPM2002I-011513	1301315-05A	Bromoform	TO-15	1/15/2013		UG/M3	U	7.5
BPS1-SVPM2002I-011513	1301315-05A	Cumene	TO-15	1/15/2013		UG/M3	U	3.6
BPS1-SVPM2002I-011513	1301315-05A	1,1,2,2-Tetrachloroethane	TO-15	1/15/2013		UG/M3	U	5.0
BPS1-SVPM2002I-011513	1301315-05A	Propylbenzene	TO-15	1/15/2013		UG/M3	U	3.6
BPS1-SVPM2002I-011513	1301315-05A	4-Ethyltoluene	TO-15	1/15/2013	0.63	UG/M3	U	3.6
BPS1-SVPM2002I-011513	1301315-05A	1,3,5-Trimethylbenzene	TO-15	1/15/2013		UG/M3	U	3.6
BPS1-SVPM2002I-011513	1301315-05A	1,2,4-Trimethylbenzene	TO-15	1/15/2013	0.76	UG/M3	U	3.6
BPS1-SVPM2002I-011513	1301315-05A	1,3-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	4.4
BPS1-SVPM2002I-011513	1301315-05A	1,4-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	4.4
BPS1-SVPM2002I-011513	1301315-05A	alpha-Chlorotoluene	TO-15	1/15/2013		UG/M3	U	3.8
BPS1-SVPM2002I-011513	1301315-05A	1,2-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	4.4
BPS1-SVPM2002I-011513	1301315-05A	1,2,4-Trichlorobenzene	TO-15	1/15/2013		UG/M3	U	22
BPS1-SVPM2002I-011513	1301315-05A	Hexachlorobutadiene	TO-15	1/15/2013		UG/M3	U	31
BPS1-SVPM2002I-011513	1301315-05A	Toluene-d8	TO-15	1/15/2013	98	%R		
BPS1-SVPM2002I-011513	1301315-05A	1,2-Dichloroethane-d4	TO-15	1/15/2013	83	%R		
BPS1-SVPM2002I-011513	1301315-05A	4-Bromofluorobenzene	TO-15	1/15/2013	97	%R		
BPS1-SVPM2002D-011513	1301315-06A	Freon 12	TO-15	1/15/2013	2.4	UG/M3	U	3.6
BPS1-SVPM2002D-011513	1301315-06A	Freon 114	TO-15	1/15/2013		UG/M3	U	5.0
BPS1-SVPM2002D-011513	1301315-06A	Chloromethane	TO-15	1/15/2013		UG/M3	U	15
BPS1-SVPM2002D-011513	1301315-06A	Vinyl Chloride	TO-15	1/15/2013		UG/M3	U	1.8
BPS1-SVPM2002D-011513	1301315-06A	1,3-Butadiene	TO-15	1/15/2013		UG/M3	U	1.6

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2002D-011513	1301315-06A	Bromomethane	TO-15	1/15/2013	1.3	UG/M3	U	28
BPS1-SVPM2002D-011513	1301315-06A	Chloroethane	TO-15	1/15/2013		UG/M3	U	7.6
BPS1-SVPM2002D-011513	1301315-06A	Freon 11	TO-15	1/15/2013	1.1	UG/M3	U	4.0
BPS1-SVPM2002D-011513	1301315-06A	Ethanol	TO-15	1/15/2013	3.7	UG/M3	U	5.4
BPS1-SVPM2002D-011513	1301315-06A	Freon 113	TO-15	1/15/2013		UG/M3	U	5.5
BPS1-SVPM2002D-011513	1301315-06A	1,1-Dichloroethene	TO-15	1/15/2013		UG/M3	U	2.8
BPS1-SVPM2002D-011513	1301315-06A	Acetone	TO-15	1/15/2013	23	UG/M3	U	17
BPS1-SVPM2002D-011513	1301315-06A	2-Propanol	TO-15	1/15/2013	1.6	UG/M3	U	7.1
BPS1-SVPM2002D-011513	1301315-06A	Carbon Disulfide	TO-15	1/15/2013	1.1	UG/M3	U	9.0
BPS1-SVPM2002D-011513	1301315-06A	3-Chloropropene	TO-15	1/15/2013		UG/M3	U	9.0
BPS1-SVPM2002D-011513	1301315-06A	Methylene Chloride	TO-15	1/15/2013		UG/M3	U	25
BPS1-SVPM2002D-011513	1301315-06A	Methyl tert-butyl ether	TO-15	1/15/2013		UG/M3	U	2.6
BPS1-SVPM2002D-011513	1301315-06A	trans-1,2-Dichloroethene	TO-15	1/15/2013		UG/M3	U	2.8
BPS1-SVPM2002D-011513	1301315-06A	Hexane	TO-15	1/15/2013	0.89	UG/M3	U	2.5
BPS1-SVPM2002D-011513	1301315-06A	1,1-Dichloroethane	TO-15	1/15/2013		UG/M3	U	2.9
BPS1-SVPM2002D-011513	1301315-06A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/15/2013		UG/M3	U	8.5
BPS1-SVPM2002D-011513	1301315-06A	cis-1,2-Dichloroethene	TO-15	1/15/2013		UG/M3	U	2.8
BPS1-SVPM2002D-011513	1301315-06A	Tetrahydrofuran	TO-15	1/15/2013		UG/M3	U	2.1
BPS1-SVPM2002D-011513	1301315-06A	Chloroform	TO-15	1/15/2013		UG/M3	U	3.5
BPS1-SVPM2002D-011513	1301315-06A	1,1,1-Trichloroethane	TO-15	1/15/2013		UG/M3	U	3.9
BPS1-SVPM2002D-011513	1301315-06A	Cyclohexane	TO-15	1/15/2013		UG/M3	U	2.5
BPS1-SVPM2002D-011513	1301315-06A	Carbon Tetrachloride	TO-15	1/15/2013		UG/M3	U	4.5
BPS1-SVPM2002D-011513	1301315-06A	2,2,4-Trimethylpentane	TO-15	1/15/2013		UG/M3	U	3.4
BPS1-SVPM2002D-011513	1301315-06A	Benzene	TO-15	1/15/2013	12	UG/M3		2.3
BPS1-SVPM2002D-011513	1301315-06A	1,2-Dichloroethane	TO-15	1/15/2013		UG/M3	U	2.9
BPS1-SVPM2002D-011513	1301315-06A	Heptane	TO-15	1/15/2013		UG/M3	U	3.0
BPS1-SVPM2002D-011513	1301315-06A	Trichloroethene	TO-15	1/15/2013		UG/M3	U	3.9
BPS1-SVPM2002D-011513	1301315-06A	1,2-Dichloropropane	TO-15	1/15/2013		UG/M3	U	3.3
BPS1-SVPM2002D-011513	1301315-06A	1,4-Dioxane	TO-15	1/15/2013		UG/M3	U	10
BPS1-SVPM2002D-011513	1301315-06A	Bromodichloromethane	TO-15	1/15/2013		UG/M3	U	4.8
BPS1-SVPM2002D-011513	1301315-06A	cis-1,3-Dichloropropene	TO-15	1/15/2013		UG/M3	U	3.3
BPS1-SVPM2002D-011513	1301315-06A	4-Methyl-2-pentanone	TO-15	1/15/2013		UG/M3	U	2.9
BPS1-SVPM2002D-011513	1301315-06A	Toluene	TO-15	1/15/2013	2.2	UG/M3	U	2.7

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2002D-011513	1301315-06A	trans-1,3-Dichloropropene	TO-15	1/15/2013		UG/M3	U	3.3
BPS1-SVPM2002D-011513	1301315-06A	1,1,2-Trichloroethane	TO-15	1/15/2013		UG/M3	U	3.9
BPS1-SVPM2002D-011513	1301315-06A	Tetrachloroethene	TO-15	1/15/2013		UG/M3	U	4.9
BPS1-SVPM2002D-011513	1301315-06A	2-Hexanone	TO-15	1/15/2013		UG/M3	U	12
BPS1-SVPM2002D-011513	1301315-06A	Dibromochloromethane	TO-15	1/15/2013		UG/M3	U	6.1
BPS1-SVPM2002D-011513	1301315-06A	1,2-Dibromoethane (EDB)	TO-15	1/15/2013		UG/M3	U	5.5
BPS1-SVPM2002D-011513	1301315-06A	Chlorobenzene	TO-15	1/15/2013		UG/M3	U	3.3
BPS1-SVPM2002D-011513	1301315-06A	Ethyl Benzene	TO-15	1/15/2013		UG/M3	U	3.1
BPS1-SVPM2002D-011513	1301315-06A	m,p-Xylene	TO-15	1/15/2013	0.95	UG/M3	U	3.1
BPS1-SVPM2002D-011513	1301315-06A	o-Xylene	TO-15	1/15/2013		UG/M3	U	3.1
BPS1-SVPM2002D-011513	1301315-06A	Styrene	TO-15	1/15/2013		UG/M3	UJ	3.1
BPS1-SVPM2002D-011513	1301315-06A	Bromoform	TO-15	1/15/2013		UG/M3	U	7.4
BPS1-SVPM2002D-011513	1301315-06A	Cumene	TO-15	1/15/2013	20	UG/M3		3.5
BPS1-SVPM2002D-011513	1301315-06A	1,1,2,2-Tetrachloroethane	TO-15	1/15/2013		UG/M3	U	4.9
BPS1-SVPM2002D-011513	1301315-06A	Propylbenzene	TO-15	1/15/2013		UG/M3	U	3.5
BPS1-SVPM2002D-011513	1301315-06A	4-Ethyltoluene	TO-15	1/15/2013		UG/M3	U	3.5
BPS1-SVPM2002D-011513	1301315-06A	1,3,5-Trimethylbenzene	TO-15	1/15/2013		UG/M3	U	3.5
BPS1-SVPM2002D-011513	1301315-06A	1,2,4-Trimethylbenzene	TO-15	1/15/2013		UG/M3	U	3.5
BPS1-SVPM2002D-011513	1301315-06A	1,3-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	4.3
BPS1-SVPM2002D-011513	1301315-06A	1,4-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	4.3
BPS1-SVPM2002D-011513	1301315-06A	alpha-Chlorotoluene	TO-15	1/15/2013		UG/M3	U	3.7
BPS1-SVPM2002D-011513	1301315-06A	1,2-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	4.3
BPS1-SVPM2002D-011513	1301315-06A	1,2,4-Trichlorobenzene	TO-15	1/15/2013		UG/M3	U	21
BPS1-SVPM2002D-011513	1301315-06A	Hexachlorobutadiene	TO-15	1/15/2013		UG/M3	U	31
BPS1-SVPM2002D-011513	1301315-06A	Toluene-d8	TO-15	1/15/2013	96	%R		
BPS1-SVPM2002D-011513	1301315-06A	1,2-Dichloroethane-d4	TO-15	1/15/2013	85	%R		
BPS1-SVPM2002D-011513	1301315-06A	4-Bromofluorobenzene	TO-15	1/15/2013	97	%R		
BPS1-SVPM2003S-011613	1301315-07A	Freon 12	TO-15	1/16/2013	2.5	UG/M3	U	3.4
BPS1-SVPM2003S-011613	1301315-07A	Freon 114	TO-15	1/16/2013		UG/M3	U	4.8
BPS1-SVPM2003S-011613	1301315-07A	Chloromethane	TO-15	1/16/2013		UG/M3	U	14
BPS1-SVPM2003S-011613	1301315-07A	Vinyl Chloride	TO-15	1/16/2013		UG/M3	U	1.8
BPS1-SVPM2003S-011613	1301315-07A	1,3-Butadiene	TO-15	1/16/2013		UG/M3	U	1.5
BPS1-SVPM2003S-011613	1301315-07A	Bromomethane	TO-15	1/16/2013		UG/M3	U	27

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2003S-011613	1301315-07A	Chloroethane	TO-15	1/16/2013		UG/M3	U	7.3
BPS1-SVPM2003S-011613	1301315-07A	Freon 11	TO-15	1/16/2013	1.3	UG/M3	U	3.9
BPS1-SVPM2003S-011613	1301315-07A	Ethanol	TO-15	1/16/2013	17	UG/M3		5.2
BPS1-SVPM2003S-011613	1301315-07A	Freon 113	TO-15	1/16/2013		UG/M3	U	5.3
BPS1-SVPM2003S-011613	1301315-07A	1,1-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.8
BPS1-SVPM2003S-011613	1301315-07A	Acetone	TO-15	1/16/2013	28	UG/M3	U	16
BPS1-SVPM2003S-011613	1301315-07A	2-Propanol	TO-15	1/16/2013	7.1	UG/M3	U	6.8
BPS1-SVPM2003S-011613	1301315-07A	Carbon Disulfide	TO-15	1/16/2013	7.7	UG/M3	U	8.6
BPS1-SVPM2003S-011613	1301315-07A	3-Chloropropene	TO-15	1/16/2013		UG/M3	U	8.7
BPS1-SVPM2003S-011613	1301315-07A	Methylene Chloride	TO-15	1/16/2013	1.6	UG/M3	U	24
BPS1-SVPM2003S-011613	1301315-07A	Methyl tert-butyl ether	TO-15	1/16/2013		UG/M3	U	2.5
BPS1-SVPM2003S-011613	1301315-07A	trans-1,2-Dichloroethene	TO-15	1/16/2013	2.3	UG/M3	J	2.8
BPS1-SVPM2003S-011613	1301315-07A	Hexane	TO-15	1/16/2013	1.8	UG/M3	J	2.4
BPS1-SVPM2003S-011613	1301315-07A	1,1-Dichloroethane	TO-15	1/16/2013		UG/M3	U	2.8
BPS1-SVPM2003S-011613	1301315-07A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/16/2013	2.8	UG/M3	J	8.2
BPS1-SVPM2003S-011613	1301315-07A	cis-1,2-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.8
BPS1-SVPM2003S-011613	1301315-07A	Tetrahydrofuran	TO-15	1/16/2013	1.4	UG/M3	J	2.0
BPS1-SVPM2003S-011613	1301315-07A	Chloroform	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2003S-011613	1301315-07A	1,1,1-Trichloroethane	TO-15	1/16/2013		UG/M3	U	3.8
BPS1-SVPM2003S-011613	1301315-07A	Cyclohexane	TO-15	1/16/2013	2.2	UG/M3	J	2.4
BPS1-SVPM2003S-011613	1301315-07A	Carbon Tetrachloride	TO-15	1/16/2013		UG/M3	U	4.4
BPS1-SVPM2003S-011613	1301315-07A	2,2,4-Trimethylpentane	TO-15	1/16/2013	1.5	UG/M3	J	3.2
BPS1-SVPM2003S-011613	1301315-07A	Benzene	TO-15	1/16/2013	1.1	UG/M3	J	2.2
BPS1-SVPM2003S-011613	1301315-07A	1,2-Dichloroethane	TO-15	1/16/2013		UG/M3	U	2.8
BPS1-SVPM2003S-011613	1301315-07A	Heptane	TO-15	1/16/2013	2.2	UG/M3	J	2.8
BPS1-SVPM2003S-011613	1301315-07A	Trichloroethene	TO-15	1/16/2013	4.9	UG/M3		3.7
BPS1-SVPM2003S-011613	1301315-07A	1,2-Dichloropropane	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2003S-011613	1301315-07A	1,4-Dioxane	TO-15	1/16/2013		UG/M3	U	10
BPS1-SVPM2003S-011613	1301315-07A	Bromodichloromethane	TO-15	1/16/2013		UG/M3	U	4.6
BPS1-SVPM2003S-011613	1301315-07A	cis-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2003S-011613	1301315-07A	4-Methyl-2-pentanone	TO-15	1/16/2013		UG/M3	U	2.8
BPS1-SVPM2003S-011613	1301315-07A	Toluene	TO-15	1/16/2013	15	UG/M3		2.6
BPS1-SVPM2003S-011613	1301315-07A	trans-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.2

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2003S-011613	1301315-07A	1,1,2-Trichloroethane	TO-15	1/16/2013		UG/M3	U	3.8
BPS1-SVPM2003S-011613	1301315-07A	Tetrachloroethene	TO-15	1/16/2013	1.6	UG/M3	J	4.7
BPS1-SVPM2003S-011613	1301315-07A	2-Hexanone	TO-15	1/16/2013		UG/M3	U	11
BPS1-SVPM2003S-011613	1301315-07A	Dibromochloromethane	TO-15	1/16/2013		UG/M3	U	5.9
BPS1-SVPM2003S-011613	1301315-07A	1,2-Dibromoethane (EDB)	TO-15	1/16/2013		UG/M3	U	5.3
BPS1-SVPM2003S-011613	1301315-07A	Chlorobenzene	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2003S-011613	1301315-07A	Ethyl Benzene	TO-15	1/16/2013	1.6	UG/M3	J	3.0
BPS1-SVPM2003S-011613	1301315-07A	m,p-Xylene	TO-15	1/16/2013	5.7	UG/M3	U	3.0
BPS1-SVPM2003S-011613	1301315-07A	o-Xylene	TO-15	1/16/2013	2.0	UG/M3	J	3.0
BPS1-SVPM2003S-011613	1301315-07A	Styrene	TO-15	1/16/2013		UG/M3	UJ	3.0
BPS1-SVPM2003S-011613	1301315-07A	Bromoform	TO-15	1/16/2013		UG/M3	U	7.2
BPS1-SVPM2003S-011613	1301315-07A	Cumene	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2003S-011613	1301315-07A	1,1,2,2-Tetrachloroethane	TO-15	1/16/2013		UG/M3	U	4.8
BPS1-SVPM2003S-011613	1301315-07A	Propylbenzene	TO-15	1/16/2013	0.36	UG/M3	J	3.4
BPS1-SVPM2003S-011613	1301315-07A	4-Ethyltoluene	TO-15	1/16/2013	1.4	UG/M3	U	3.4
BPS1-SVPM2003S-011613	1301315-07A	1,3,5-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2003S-011613	1301315-07A	1,2,4-Trimethylbenzene	TO-15	1/16/2013	1.2	UG/M3	U	3.4
BPS1-SVPM2003S-011613	1301315-07A	1,3-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.2
BPS1-SVPM2003S-011613	1301315-07A	1,4-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.2
BPS1-SVPM2003S-011613	1301315-07A	alpha-Chlorotoluene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2003S-011613	1301315-07A	1,2-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.2
BPS1-SVPM2003S-011613	1301315-07A	1,2,4-Trichlorobenzene	TO-15	1/16/2013		UG/M3	U	21
BPS1-SVPM2003S-011613	1301315-07A	Hexachlorobutadiene	TO-15	1/16/2013		UG/M3	U	30
BPS1-SVPM2003S-011613	1301315-07A	Toluene-d8	TO-15	1/16/2013	97	%R		
BPS1-SVPM2003S-011613	1301315-07A	1,2-Dichloroethane-d4	TO-15	1/16/2013	88	%R		
BPS1-SVPM2003S-011613	1301315-07A	4-Bromofluorobenzene	TO-15	1/16/2013	98	%R		
BPS1-SVPM2003I-011613	1301315-08A	Freon 12	TO-15	1/16/2013	2.6	UG/M3	U	3.6
BPS1-SVPM2003I-011613	1301315-08A	Freon 114	TO-15	1/16/2013		UG/M3	U	5.1
BPS1-SVPM2003I-011613	1301315-08A	Chloromethane	TO-15	1/16/2013		UG/M3	U	15
BPS1-SVPM2003I-011613	1301315-08A	Vinyl Chloride	TO-15	1/16/2013		UG/M3	U	1.9
BPS1-SVPM2003I-011613	1301315-08A	1,3-Butadiene	TO-15	1/16/2013		UG/M3	U	1.6
BPS1-SVPM2003I-011613	1301315-08A	Bromomethane	TO-15	1/16/2013		UG/M3	U	28
BPS1-SVPM2003I-011613	1301315-08A	Chloroethane	TO-15	1/16/2013		UG/M3	U	7.7

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2003I-011613	1301315-08A	Freon 11	TO-15	1/16/2013	1.7	UG/M3	U	4.1
BPS1-SVPM2003I-011613	1301315-08A	Ethanol	TO-15	1/16/2013	7.4	UG/M3	U	5.5
BPS1-SVPM2003I-011613	1301315-08A	Freon 113	TO-15	1/16/2013		UG/M3	U	5.6
BPS1-SVPM2003I-011613	1301315-08A	1,1-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.9
BPS1-SVPM2003I-011613	1301315-08A	Acetone	TO-15	1/16/2013	3.6	UG/M3	U	17
BPS1-SVPM2003I-011613	1301315-08A	2-Propanol	TO-15	1/16/2013		UG/M3	U	7.2
BPS1-SVPM2003I-011613	1301315-08A	Carbon Disulfide	TO-15	1/16/2013	1.4	UG/M3	U	9.1
BPS1-SVPM2003I-011613	1301315-08A	3-Chloropropene	TO-15	1/16/2013		UG/M3	U	9.1
BPS1-SVPM2003I-011613	1301315-08A	Methylene Chloride	TO-15	1/16/2013		UG/M3	U	25
BPS1-SVPM2003I-011613	1301315-08A	Methyl tert-butyl ether	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2003I-011613	1301315-08A	trans-1,2-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.9
BPS1-SVPM2003I-011613	1301315-08A	Hexane	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2003I-011613	1301315-08A	1,1-Dichloroethane	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2003I-011613	1301315-08A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/16/2013		UG/M3	U	8.6
BPS1-SVPM2003I-011613	1301315-08A	cis-1,2-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.9
BPS1-SVPM2003I-011613	1301315-08A	Tetrahydrofuran	TO-15	1/16/2013	1.4	UG/M3	J	2.2
BPS1-SVPM2003I-011613	1301315-08A	Chloroform	TO-15	1/16/2013	39	UG/M3		3.6
BPS1-SVPM2003I-011613	1301315-08A	1,1,1-Trichloroethane	TO-15	1/16/2013		UG/M3	U	4.0
BPS1-SVPM2003I-011613	1301315-08A	Cyclohexane	TO-15	1/16/2013		UG/M3	U	2.5
BPS1-SVPM2003I-011613	1301315-08A	Carbon Tetrachloride	TO-15	1/16/2013		UG/M3	U	4.6
BPS1-SVPM2003I-011613	1301315-08A	2,2,4-Trimethylpentane	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2003I-011613	1301315-08A	Benzene	TO-15	1/16/2013		UG/M3	U	2.3
BPS1-SVPM2003I-011613	1301315-08A	1,2-Dichloroethane	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2003I-011613	1301315-08A	Heptane	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2003I-011613	1301315-08A	Trichloroethene	TO-15	1/16/2013		UG/M3	U	3.9
BPS1-SVPM2003I-011613	1301315-08A	1,2-Dichloropropane	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2003I-011613	1301315-08A	1,4-Dioxane	TO-15	1/16/2013		UG/M3	U	10
BPS1-SVPM2003I-011613	1301315-08A	Bromodichloromethane	TO-15	1/16/2013		UG/M3	U	4.9
BPS1-SVPM2003I-011613	1301315-08A	cis-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.3
BPS1-SVPM2003I-011613	1301315-08A	4-Methyl-2-pentanone	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2003I-011613	1301315-08A	Toluene	TO-15	1/16/2013	2.0	UG/M3	U	2.8
BPS1-SVPM2003I-011613	1301315-08A	trans-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.3
BPS1-SVPM2003I-011613	1301315-08A	1,1,2-Trichloroethane	TO-15	1/16/2013		UG/M3	U	4.0

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2003I-011613	1301315-08A	Tetrachloroethene	TO-15	1/16/2013	0.97	UG/M3	J	5.0
BPS1-SVPM2003I-011613	1301315-08A	2-Hexanone	TO-15	1/16/2013		UG/M3	U	12
BPS1-SVPM2003I-011613	1301315-08A	Dibromochloromethane	TO-15	1/16/2013		UG/M3	U	6.2
BPS1-SVPM2003I-011613	1301315-08A	1,2-Dibromoethane (EDB)	TO-15	1/16/2013		UG/M3	U	5.6
BPS1-SVPM2003I-011613	1301315-08A	Chlorobenzene	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2003I-011613	1301315-08A	Ethyl Benzene	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2003I-011613	1301315-08A	m,p-Xylene	TO-15	1/16/2013	1.1	UG/M3	U	3.2
BPS1-SVPM2003I-011613	1301315-08A	o-Xylene	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2003I-011613	1301315-08A	Styrene	TO-15	1/16/2013		UG/M3	UJ	3.1
BPS1-SVPM2003I-011613	1301315-08A	Bromoform	TO-15	1/16/2013		UG/M3	U	7.5
BPS1-SVPM2003I-011613	1301315-08A	Cumene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2003I-011613	1301315-08A	1,1,2,2-Tetrachloroethane	TO-15	1/16/2013		UG/M3	U	5.0
BPS1-SVPM2003I-011613	1301315-08A	Propylbenzene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2003I-011613	1301315-08A	4-Ethyltoluene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2003I-011613	1301315-08A	1,3,5-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2003I-011613	1301315-08A	1,2,4-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2003I-011613	1301315-08A	1,3-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.4
BPS1-SVPM2003I-011613	1301315-08A	1,4-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.4
BPS1-SVPM2003I-011613	1301315-08A	alpha-Chlorotoluene	TO-15	1/16/2013		UG/M3	U	3.8
BPS1-SVPM2003I-011613	1301315-08A	1,2-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.4
BPS1-SVPM2003I-011613	1301315-08A	1,2,4-Trichlorobenzene	TO-15	1/16/2013		UG/M3	U	22
BPS1-SVPM2003I-011613	1301315-08A	Hexachlorobutadiene	TO-15	1/16/2013		UG/M3	U	31
BPS1-SVPM2003I-011613	1301315-08A	Toluene-d8	TO-15	1/16/2013	98	%R		
BPS1-SVPM2003I-011613	1301315-08A	1,2-Dichloroethane-d4	TO-15	1/16/2013	89	%R		
BPS1-SVPM2003I-011613	1301315-08A	4-Bromofluorobenzene	TO-15	1/16/2013	97	%R		
BPS1-SVPM2003D-011613	1301315-09A	Freon 12	TO-15	1/16/2013	2.3	UG/M3	U	3.6
BPS1-SVPM2003D-011613	1301315-09A	Freon 114	TO-15	1/16/2013		UG/M3	U	5.0
BPS1-SVPM2003D-011613	1301315-09A	Chloromethane	TO-15	1/16/2013		UG/M3	U	15
BPS1-SVPM2003D-011613	1301315-09A	Vinyl Chloride	TO-15	1/16/2013		UG/M3	U	1.8
BPS1-SVPM2003D-011613	1301315-09A	1,3-Butadiene	TO-15	1/16/2013		UG/M3	U	1.6
BPS1-SVPM2003D-011613	1301315-09A	Bromomethane	TO-15	1/16/2013		UG/M3	U	28
BPS1-SVPM2003D-011613	1301315-09A	Chloroethane	TO-15	1/16/2013		UG/M3	U	7.6
BPS1-SVPM2003D-011613	1301315-09A	Freon 11	TO-15	1/16/2013	1.5	UG/M3	U	4.0
BPS1-SVPM2003D-011613	1301315-09A	Ethanol	TO-15	1/16/2013	3.5	UG/M3	U	5.4

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2003D-011613	1301315-09A	Freon 113	TO-15	1/16/2013		UG/M3	U	5.5
BPS1-SVPM2003D-011613	1301315-09A	1,1-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.8
BPS1-SVPM2003D-011613	1301315-09A	Acetone	TO-15	1/16/2013	5.2	UG/M3	U	17
BPS1-SVPM2003D-011613	1301315-09A	2-Propanol	TO-15	1/16/2013		UG/M3	U	7.1
BPS1-SVPM2003D-011613	1301315-09A	Carbon Disulfide	TO-15	1/16/2013	1.3	UG/M3	U	9.0
BPS1-SVPM2003D-011613	1301315-09A	3-Chloropropene	TO-15	1/16/2013		UG/M3	U	9.0
BPS1-SVPM2003D-011613	1301315-09A	Methylene Chloride	TO-15	1/16/2013		UG/M3	U	25
BPS1-SVPM2003D-011613	1301315-09A	Methyl tert-butyl ether	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2003D-011613	1301315-09A	trans-1,2-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.8
BPS1-SVPM2003D-011613	1301315-09A	Hexane	TO-15	1/16/2013		UG/M3	U	2.5
BPS1-SVPM2003D-011613	1301315-09A	1,1-Dichloroethane	TO-15	1/16/2013		UG/M3	U	2.9
BPS1-SVPM2003D-011613	1301315-09A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/16/2013		UG/M3	U	8.5
BPS1-SVPM2003D-011613	1301315-09A	cis-1,2-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.8
BPS1-SVPM2003D-011613	1301315-09A	Tetrahydrofuran	TO-15	1/16/2013		UG/M3	U	2.1
BPS1-SVPM2003D-011613	1301315-09A	Chloroform	TO-15	1/16/2013		UG/M3	U	3.5
BPS1-SVPM2003D-011613	1301315-09A	1,1,1-Trichloroethane	TO-15	1/16/2013		UG/M3	U	3.9
BPS1-SVPM2003D-011613	1301315-09A	Cyclohexane	TO-15	1/16/2013		UG/M3	U	2.5
BPS1-SVPM2003D-011613	1301315-09A	Carbon Tetrachloride	TO-15	1/16/2013		UG/M3	U	4.5
BPS1-SVPM2003D-011613	1301315-09A	2,2,4-Trimethylpentane	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2003D-011613	1301315-09A	Benzene	TO-15	1/16/2013	0.95	UG/M3	J	2.3
BPS1-SVPM2003D-011613	1301315-09A	1,2-Dichloroethane	TO-15	1/16/2013		UG/M3	U	2.9
BPS1-SVPM2003D-011613	1301315-09A	Heptane	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2003D-011613	1301315-09A	Trichloroethene	TO-15	1/16/2013		UG/M3	U	3.9
BPS1-SVPM2003D-011613	1301315-09A	1,2-Dichloropropane	TO-15	1/16/2013		UG/M3	U	3.3
BPS1-SVPM2003D-011613	1301315-09A	1,4-Dioxane	TO-15	1/16/2013		UG/M3	U	10
BPS1-SVPM2003D-011613	1301315-09A	Bromodichloromethane	TO-15	1/16/2013		UG/M3	U	4.8
BPS1-SVPM2003D-011613	1301315-09A	cis-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.3
BPS1-SVPM2003D-011613	1301315-09A	4-Methyl-2-pentanone	TO-15	1/16/2013		UG/M3	U	2.9
BPS1-SVPM2003D-011613	1301315-09A	Toluene	TO-15	1/16/2013	1.7	UG/M3	U	2.7
BPS1-SVPM2003D-011613	1301315-09A	trans-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.3
BPS1-SVPM2003D-011613	1301315-09A	1,1,2-Trichloroethane	TO-15	1/16/2013		UG/M3	U	3.9
BPS1-SVPM2003D-011613	1301315-09A	Tetrachloroethene	TO-15	1/16/2013		UG/M3	U	4.9
BPS1-SVPM2003D-011613	1301315-09A	2-Hexanone	TO-15	1/16/2013		UG/M3	U	12
BPS1-SVPM2003D-011613	1301315-09A	Dibromochloromethane	TO-15	1/16/2013		UG/M3	U	6.1
BPS1-SVPM2003D-011613	1301315-09A	1,2-Dibromoethane (EDB)	TO-15	1/16/2013		UG/M3	U	5.5

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2003D-011613	1301315-09A	Chlorobenzene	TO-15	1/16/2013		UG/M3	U	3.3
BPS1-SVPM2003D-011613	1301315-09A	Ethyl Benzene	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-SVPM2003D-011613	1301315-09A	m,p-Xylene	TO-15	1/16/2013	0.72	UG/M3	U	3.1
BPS1-SVPM2003D-011613	1301315-09A	o-Xylene	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-SVPM2003D-011613	1301315-09A	Styrene	TO-15	1/16/2013		UG/M3	UJ	3.1
BPS1-SVPM2003D-011613	1301315-09A	Bromoform	TO-15	1/16/2013		UG/M3	U	7.4
BPS1-SVPM2003D-011613	1301315-09A	Cumene	TO-15	1/16/2013		UG/M3	U	3.5
BPS1-SVPM2003D-011613	1301315-09A	1,1,2,2-Tetrachloroethane	TO-15	1/16/2013		UG/M3	U	4.9
BPS1-SVPM2003D-011613	1301315-09A	Propylbenzene	TO-15	1/16/2013		UG/M3	U	3.5
BPS1-SVPM2003D-011613	1301315-09A	4-Ethyltoluene	TO-15	1/16/2013		UG/M3	U	3.5
BPS1-SVPM2003D-011613	1301315-09A	1,3,5-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.5
BPS1-SVPM2003D-011613	1301315-09A	1,2,4-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.5
BPS1-SVPM2003D-011613	1301315-09A	1,3-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.3
BPS1-SVPM2003D-011613	1301315-09A	1,4-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.3
BPS1-SVPM2003D-011613	1301315-09A	alpha-Chlorotoluene	TO-15	1/16/2013		UG/M3	U	3.7
BPS1-SVPM2003D-011613	1301315-09A	1,2-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.3
BPS1-SVPM2003D-011613	1301315-09A	1,2,4-Trichlorobenzene	TO-15	1/16/2013		UG/M3	U	21
BPS1-SVPM2003D-011613	1301315-09A	Hexachlorobutadiene	TO-15	1/16/2013		UG/M3	U	31
BPS1-SVPM2003D-011613	1301315-09A	Toluene-d8	TO-15	1/16/2013	98	%R		
BPS1-SVPM2003D-011613	1301315-09A	1,2-Dichloroethane-d4	TO-15	1/16/2013	89	%R		
BPS1-SVPM2003D-011613	1301315-09A	4-Bromofluorobenzene	TO-15	1/16/2013	99	%R		
BPS1-SVPM2004S-011613	1301315-10A	Freon 12	TO-15	1/16/2013	2.6	UG/M3	U	3.2
BPS1-SVPM2004S-011613	1301315-10A	Freon 114	TO-15	1/16/2013		UG/M3	U	4.5
BPS1-SVPM2004S-011613	1301315-10A	Chloromethane	TO-15	1/16/2013		UG/M3	U	13
BPS1-SVPM2004S-011613	1301315-10A	Vinyl Chloride	TO-15	1/16/2013		UG/M3	U	1.6
BPS1-SVPM2004S-011613	1301315-10A	1,3-Butadiene	TO-15	1/16/2013		UG/M3	U	1.4
BPS1-SVPM2004S-011613	1301315-10A	Bromomethane	TO-15	1/16/2013		UG/M3	U	25
BPS1-SVPM2004S-011613	1301315-10A	Chloroethane	TO-15	1/16/2013		UG/M3	U	6.8
BPS1-SVPM2004S-011613	1301315-10A	Freon 11	TO-15	1/16/2013	1.4	UG/M3	U	3.6
BPS1-SVPM2004S-011613	1301315-10A	Ethanol	TO-15	1/16/2013	5.6	UG/M3	U	4.9
BPS1-SVPM2004S-011613	1301315-10A	Freon 113	TO-15	1/16/2013		UG/M3	U	4.9
BPS1-SVPM2004S-011613	1301315-10A	1,1-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2004S-011613	1301315-10A	Acetone	TO-15	1/16/2013	5.5	UG/M3	U	15
BPS1-SVPM2004S-011613	1301315-10A	2-Propanol	TO-15	1/16/2013		UG/M3	U	6.3
BPS1-SVPM2004S-011613	1301315-10A	Carbon Disulfide	TO-15	1/16/2013	1.4	UG/M3	U	8.0

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2004S-011613	1301315-10A	3-Chloropropene	TO-15	1/16/2013		UG/M3	U	8.1
BPS1-SVPM2004S-011613	1301315-10A	Methylene Chloride	TO-15	1/16/2013	0.32	UG/M3	U	22
BPS1-SVPM2004S-011613	1301315-10A	Methyl tert-butyl ether	TO-15	1/16/2013		UG/M3	U	2.3
BPS1-SVPM2004S-011613	1301315-10A	trans-1,2-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2004S-011613	1301315-10A	Hexane	TO-15	1/16/2013		UG/M3	U	2.3
BPS1-SVPM2004S-011613	1301315-10A	1,1-Dichloroethane	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2004S-011613	1301315-10A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/16/2013		UG/M3	U	7.6
BPS1-SVPM2004S-011613	1301315-10A	cis-1,2-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2004S-011613	1301315-10A	Tetrahydrofuran	TO-15	1/16/2013	0.87	UG/M3	J	1.9
BPS1-SVPM2004S-011613	1301315-10A	Chloroform	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-SVPM2004S-011613	1301315-10A	1,1,1-Trichloroethane	TO-15	1/16/2013		UG/M3	U	3.5
BPS1-SVPM2004S-011613	1301315-10A	Cyclohexane	TO-15	1/16/2013		UG/M3	U	2.2
BPS1-SVPM2004S-011613	1301315-10A	Carbon Tetrachloride	TO-15	1/16/2013		UG/M3	U	4.0
BPS1-SVPM2004S-011613	1301315-10A	2,2,4-Trimethylpentane	TO-15	1/16/2013	0.42	UG/M3	J	3.0
BPS1-SVPM2004S-011613	1301315-10A	Benzene	TO-15	1/16/2013		UG/M3	U	2.1
BPS1-SVPM2004S-011613	1301315-10A	1,2-Dichloroethane	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2004S-011613	1301315-10A	Heptane	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2004S-011613	1301315-10A	Trichloroethene	TO-15	1/16/2013		UG/M3	U	3.5
BPS1-SVPM2004S-011613	1301315-10A	1,2-Dichloropropane	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2004S-011613	1301315-10A	1,4-Dioxane	TO-15	1/16/2013		UG/M3	U	9.3
BPS1-SVPM2004S-011613	1301315-10A	Bromodichloromethane	TO-15	1/16/2013		UG/M3	U	4.3
BPS1-SVPM2004S-011613	1301315-10A	cis-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	2.9
BPS1-SVPM2004S-011613	1301315-10A	4-Methyl-2-pentanone	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2004S-011613	1301315-10A	Toluene	TO-15	1/16/2013	1.4	UG/M3	U	2.4
BPS1-SVPM2004S-011613	1301315-10A	trans-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	2.9
BPS1-SVPM2004S-011613	1301315-10A	1,1,2-Trichloroethane	TO-15	1/16/2013		UG/M3	U	3.5
BPS1-SVPM2004S-011613	1301315-10A	Tetrachloroethene	TO-15	1/16/2013	1.0	UG/M3	J	4.4
BPS1-SVPM2004S-011613	1301315-10A	2-Hexanone	TO-15	1/16/2013		UG/M3	U	10
BPS1-SVPM2004S-011613	1301315-10A	Dibromochloromethane	TO-15	1/16/2013		UG/M3	U	5.5
BPS1-SVPM2004S-011613	1301315-10A	1,2-Dibromoethane (EDB)	TO-15	1/16/2013		UG/M3	U	5.0
BPS1-SVPM2004S-011613	1301315-10A	Chlorobenzene	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2004S-011613	1301315-10A	Ethyl Benzene	TO-15	1/16/2013		UG/M3	U	2.8
BPS1-SVPM2004S-011613	1301315-10A	m,p-Xylene	TO-15	1/16/2013	1.3	UG/M3	U	2.8
BPS1-SVPM2004S-011613	1301315-10A	o-Xylene	TO-15	1/16/2013	0.45	UG/M3	J	2.8
BPS1-SVPM2004S-011613	1301315-10A	Styrene	TO-15	1/16/2013		UG/M3	UJ	2.7

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2004S-011613	1301315-10A	Bromoform	TO-15	1/16/2013		UG/M3	U	6.7
BPS1-SVPM2004S-011613	1301315-10A	Cumene	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2004S-011613	1301315-10A	1,1,2,2-Tetrachloroethane	TO-15	1/16/2013		UG/M3	U	4.4
BPS1-SVPM2004S-011613	1301315-10A	Propylbenzene	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2004S-011613	1301315-10A	4-Ethyltoluene	TO-15	1/16/2013	0.43	UG/M3	U	3.2
BPS1-SVPM2004S-011613	1301315-10A	1,3,5-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2004S-011613	1301315-10A	1,2,4-Trimethylbenzene	TO-15	1/16/2013	0.76	UG/M3	U	3.2
BPS1-SVPM2004S-011613	1301315-10A	1,3-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	3.9
BPS1-SVPM2004S-011613	1301315-10A	1,4-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	3.9
BPS1-SVPM2004S-011613	1301315-10A	alpha-Chlorotoluene	TO-15	1/16/2013		UG/M3	U	3.3
BPS1-SVPM2004S-011613	1301315-10A	1,2-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	3.9
BPS1-SVPM2004S-011613	1301315-10A	1,2,4-Trichlorobenzene	TO-15	1/16/2013		UG/M3	U	19
BPS1-SVPM2004S-011613	1301315-10A	Hexachlorobutadiene	TO-15	1/16/2013		UG/M3	U	28
BPS1-SVPM2004S-011613	1301315-10A	Toluene-d8	TO-15	1/16/2013	99	%R		
BPS1-SVPM2004S-011613	1301315-10A	1,2-Dichloroethane-d4	TO-15	1/16/2013	91	%R		
BPS1-SVPM2004S-011613	1301315-10A	4-Bromofluorobenzene	TO-15	1/16/2013	94	%R		
BPS1-SVPM2004I-011613	1301315-11A	Freon 12	TO-15	1/16/2013	2.7	UG/M3	U	3.3
BPS1-SVPM2004I-011613	1301315-11A	Freon 114	TO-15	1/16/2013		UG/M3	U	4.7
BPS1-SVPM2004I-011613	1301315-11A	Chloromethane	TO-15	1/16/2013		UG/M3	U	14
BPS1-SVPM2004I-011613	1301315-11A	Vinyl Chloride	TO-15	1/16/2013		UG/M3	U	1.7
BPS1-SVPM2004I-011613	1301315-11A	1,3-Butadiene	TO-15	1/16/2013		UG/M3	U	1.5
BPS1-SVPM2004I-011613	1301315-11A	Bromomethane	TO-15	1/16/2013		UG/M3	U	26
BPS1-SVPM2004I-011613	1301315-11A	Chloroethane	TO-15	1/16/2013		UG/M3	U	7.1
BPS1-SVPM2004I-011613	1301315-11A	Freon 11	TO-15	1/16/2013	1.3	UG/M3	U	3.8
BPS1-SVPM2004I-011613	1301315-11A	Ethanol	TO-15	1/16/2013	5.8	UG/M3	U	5.0
BPS1-SVPM2004I-011613	1301315-11A	Freon 113	TO-15	1/16/2013		UG/M3	U	5.1
BPS1-SVPM2004I-011613	1301315-11A	1,1-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2004I-011613	1301315-11A	Acetone	TO-15	1/16/2013	4.9	UG/M3	U	16
BPS1-SVPM2004I-011613	1301315-11A	2-Propanol	TO-15	1/16/2013		UG/M3	U	6.6
BPS1-SVPM2004I-011613	1301315-11A	Carbon Disulfide	TO-15	1/16/2013	1.2	UG/M3	U	8.3
BPS1-SVPM2004I-011613	1301315-11A	3-Chloropropene	TO-15	1/16/2013		UG/M3	U	8.4
BPS1-SVPM2004I-011613	1301315-11A	Methylene Chloride	TO-15	1/16/2013		UG/M3	U	23
BPS1-SVPM2004I-011613	1301315-11A	Methyl tert-butyl ether	TO-15	1/16/2013		UG/M3	U	2.4
BPS1-SVPM2004I-011613	1301315-11A	trans-1,2-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2004I-011613	1301315-11A	Hexane	TO-15	1/16/2013		UG/M3	U	2.4

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2004I-011613	1301315-11A	1,1-Dichloroethane	TO-15	1/16/2013		UG/M3	U	2.7
BPS1-SVPM2004I-011613	1301315-11A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/16/2013		UG/M3	U	7.9
BPS1-SVPM2004I-011613	1301315-11A	cis-1,2-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2004I-011613	1301315-11A	Tetrahydrofuran	TO-15	1/16/2013		UG/M3	U	2.0
BPS1-SVPM2004I-011613	1301315-11A	Chloroform	TO-15	1/16/2013		UG/M3	U	3.3
BPS1-SVPM2004I-011613	1301315-11A	1,1,1-Trichloroethane	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2004I-011613	1301315-11A	Cyclohexane	TO-15	1/16/2013		UG/M3	U	2.3
BPS1-SVPM2004I-011613	1301315-11A	Carbon Tetrachloride	TO-15	1/16/2013		UG/M3	U	4.2
BPS1-SVPM2004I-011613	1301315-11A	2,2,4-Trimethylpentane	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-SVPM2004I-011613	1301315-11A	Benzene	TO-15	1/16/2013		UG/M3	U	2.1
BPS1-SVPM2004I-011613	1301315-11A	1,2-Dichloroethane	TO-15	1/16/2013		UG/M3	U	2.7
BPS1-SVPM2004I-011613	1301315-11A	Heptane	TO-15	1/16/2013		UG/M3	U	2.7
BPS1-SVPM2004I-011613	1301315-11A	Trichloroethene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2004I-011613	1301315-11A	1,2-Dichloropropane	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-SVPM2004I-011613	1301315-11A	1,4-Dioxane	TO-15	1/16/2013		UG/M3	U	9.6
BPS1-SVPM2004I-011613	1301315-11A	Bromodichloromethane	TO-15	1/16/2013		UG/M3	U	4.5
BPS1-SVPM2004I-011613	1301315-11A	cis-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2004I-011613	1301315-11A	4-Methyl-2-pentanone	TO-15	1/16/2013		UG/M3	U	2.7
BPS1-SVPM2004I-011613	1301315-11A	Toluene	TO-15	1/16/2013	2.7	UG/M3	U	2.5
BPS1-SVPM2004I-011613	1301315-11A	trans-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2004I-011613	1301315-11A	1,1,2-Trichloroethane	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2004I-011613	1301315-11A	Tetrachloroethene	TO-15	1/16/2013	0.68	UG/M3	J	4.5
BPS1-SVPM2004I-011613	1301315-11A	2-Hexanone	TO-15	1/16/2013		UG/M3	U	11
BPS1-SVPM2004I-011613	1301315-11A	Dibromochloromethane	TO-15	1/16/2013		UG/M3	U	5.7
BPS1-SVPM2004I-011613	1301315-11A	1,2-Dibromoethane (EDB)	TO-15	1/16/2013		UG/M3	U	5.1
BPS1-SVPM2004I-011613	1301315-11A	Chlorobenzene	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-SVPM2004I-011613	1301315-11A	Ethyl Benzene	TO-15	1/16/2013	0.66	UG/M3	J	2.9
BPS1-SVPM2004I-011613	1301315-11A	m,p-Xylene	TO-15	1/16/2013	1.5	UG/M3	U	2.9
BPS1-SVPM2004I-011613	1301315-11A	o-Xylene	TO-15	1/16/2013	0.46	UG/M3	J	2.9
BPS1-SVPM2004I-011613	1301315-11A	Styrene	TO-15	1/16/2013		UG/M3	UJ	2.8
BPS1-SVPM2004I-011613	1301315-11A	Bromoform	TO-15	1/16/2013		UG/M3	U	6.9
BPS1-SVPM2004I-011613	1301315-11A	Cumene	TO-15	1/16/2013		UG/M3	U	3.3
BPS1-SVPM2004I-011613	1301315-11A	1,1,2,2-Tetrachloroethane	TO-15	1/16/2013		UG/M3	U	4.6
BPS1-SVPM2004I-011613	1301315-11A	Propylbenzene	TO-15	1/16/2013		UG/M3	U	3.3
BPS1-SVPM2004I-011613	1301315-11A	4-Ethyltoluene	TO-15	1/16/2013	0.31	UG/M3	U	3.3

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2004I-011613	1301315-11A	1,3,5-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.3
BPS1-SVPM2004I-011613	1301315-11A	1,2,4-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.3
BPS1-SVPM2004I-011613	1301315-11A	1,3-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.0
BPS1-SVPM2004I-011613	1301315-11A	1,4-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.0
BPS1-SVPM2004I-011613	1301315-11A	alpha-Chlorotoluene	TO-15	1/16/2013		UG/M3	U	3.5
BPS1-SVPM2004I-011613	1301315-11A	1,2-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.0
BPS1-SVPM2004I-011613	1301315-11A	1,2,4-Trichlorobenzene	TO-15	1/16/2013		UG/M3	U	20
BPS1-SVPM2004I-011613	1301315-11A	Hexachlorobutadiene	TO-15	1/16/2013		UG/M3	U	28
BPS1-SVPM2004I-011613	1301315-11A	Toluene-d8	TO-15	1/16/2013	97	%R		
BPS1-SVPM2004I-011613	1301315-11A	1,2-Dichloroethane-d4	TO-15	1/16/2013	90	%R		
BPS1-SVPM2004I-011613	1301315-11A	4-Bromofluorobenzene	TO-15	1/16/2013	92	%R		
BPS1-SVPM2004D-011613	1301315-12A	Freon 12	TO-15	1/16/2013	2.8	UG/M3	U	3.3
BPS1-SVPM2004D-011613	1301315-12A	Freon 114	TO-15	1/16/2013		UG/M3	U	4.6
BPS1-SVPM2004D-011613	1301315-12A	Chloromethane	TO-15	1/16/2013		UG/M3	U	14
BPS1-SVPM2004D-011613	1301315-12A	Vinyl Chloride	TO-15	1/16/2013		UG/M3	U	1.7
BPS1-SVPM2004D-011613	1301315-12A	1,3-Butadiene	TO-15	1/16/2013		UG/M3	U	1.5
BPS1-SVPM2004D-011613	1301315-12A	Bromomethane	TO-15	1/16/2013		UG/M3	U	26
BPS1-SVPM2004D-011613	1301315-12A	Chloroethane	TO-15	1/16/2013		UG/M3	U	7.0
BPS1-SVPM2004D-011613	1301315-12A	Freon 11	TO-15	1/16/2013	2.0	UG/M3	U	3.7
BPS1-SVPM2004D-011613	1301315-12A	Ethanol	TO-15	1/16/2013	5.8	UG/M3	U	5.0
BPS1-SVPM2004D-011613	1301315-12A	Freon 113	TO-15	1/16/2013		UG/M3	U	5.0
BPS1-SVPM2004D-011613	1301315-12A	1,1-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2004D-011613	1301315-12A	Acetone	TO-15	1/16/2013	4.5	UG/M3	U	16
BPS1-SVPM2004D-011613	1301315-12A	2-Propanol	TO-15	1/16/2013	1.0	UG/M3	U	6.5
BPS1-SVPM2004D-011613	1301315-12A	Carbon Disulfide	TO-15	1/16/2013	1.1	UG/M3	U	8.2
BPS1-SVPM2004D-011613	1301315-12A	3-Chloropropene	TO-15	1/16/2013		UG/M3	U	8.3
BPS1-SVPM2004D-011613	1301315-12A	Methylene Chloride	TO-15	1/16/2013	0.40	UG/M3	U	23
BPS1-SVPM2004D-011613	1301315-12A	Methyl tert-butyl ether	TO-15	1/16/2013		UG/M3	U	2.4
BPS1-SVPM2004D-011613	1301315-12A	trans-1,2-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2004D-011613	1301315-12A	Hexane	TO-15	1/16/2013		UG/M3	U	2.3
BPS1-SVPM2004D-011613	1301315-12A	1,1-Dichloroethane	TO-15	1/16/2013		UG/M3	U	2.7
BPS1-SVPM2004D-011613	1301315-12A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/16/2013		UG/M3	U	7.8
BPS1-SVPM2004D-011613	1301315-12A	cis-1,2-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2004D-011613	1301315-12A	Tetrahydrofuran	TO-15	1/16/2013		UG/M3	U	1.9
BPS1-SVPM2004D-011613	1301315-12A	Chloroform	TO-15	1/16/2013	4.4	UG/M3		3.2

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2004D-011613	1301315-12A	1,1,1-Trichloroethane	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2004D-011613	1301315-12A	Cyclohexane	TO-15	1/16/2013		UG/M3	U	2.3
BPS1-SVPM2004D-011613	1301315-12A	Carbon Tetrachloride	TO-15	1/16/2013	1.6	UG/M3	J	4.2
BPS1-SVPM2004D-011613	1301315-12A	2,2,4-Trimethylpentane	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-SVPM2004D-011613	1301315-12A	Benzene	TO-15	1/16/2013		UG/M3	U	2.1
BPS1-SVPM2004D-011613	1301315-12A	1,2-Dichloroethane	TO-15	1/16/2013		UG/M3	U	2.7
BPS1-SVPM2004D-011613	1301315-12A	Heptane	TO-15	1/16/2013		UG/M3	U	2.7
BPS1-SVPM2004D-011613	1301315-12A	Trichloroethene	TO-15	1/16/2013		UG/M3	U	3.5
BPS1-SVPM2004D-011613	1301315-12A	1,2-Dichloropropane	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2004D-011613	1301315-12A	1,4-Dioxane	TO-15	1/16/2013		UG/M3	U	9.5
BPS1-SVPM2004D-011613	1301315-12A	Bromodichloromethane	TO-15	1/16/2013		UG/M3	U	4.4
BPS1-SVPM2004D-011613	1301315-12A	cis-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2004D-011613	1301315-12A	4-Methyl-2-pentanone	TO-15	1/16/2013		UG/M3	U	2.7
BPS1-SVPM2004D-011613	1301315-12A	Toluene	TO-15	1/16/2013	1.8	UG/M3	U	2.5
BPS1-SVPM2004D-011613	1301315-12A	trans-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2004D-011613	1301315-12A	1,1,2-Trichloroethane	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2004D-011613	1301315-12A	Tetrachloroethene	TO-15	1/16/2013	2.3	UG/M3	J	4.5
BPS1-SVPM2004D-011613	1301315-12A	2-Hexanone	TO-15	1/16/2013		UG/M3	U	11
BPS1-SVPM2004D-011613	1301315-12A	Dibromochloromethane	TO-15	1/16/2013		UG/M3	U	5.6
BPS1-SVPM2004D-011613	1301315-12A	1,2-Dibromoethane (EDB)	TO-15	1/16/2013		UG/M3	U	5.1
BPS1-SVPM2004D-011613	1301315-12A	Chlorobenzene	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2004D-011613	1301315-12A	Ethyl Benzene	TO-15	1/16/2013		UG/M3	U	2.9
BPS1-SVPM2004D-011613	1301315-12A	m,p-Xylene	TO-15	1/16/2013	1.0	UG/M3	U	2.9
BPS1-SVPM2004D-011613	1301315-12A	o-Xylene	TO-15	1/16/2013		UG/M3	U	2.9
BPS1-SVPM2004D-011613	1301315-12A	Styrene	TO-15	1/16/2013		UG/M3	UJ	2.8
BPS1-SVPM2004D-011613	1301315-12A	Bromoform	TO-15	1/16/2013		UG/M3	U	6.8
BPS1-SVPM2004D-011613	1301315-12A	Cumene	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2004D-011613	1301315-12A	1,1,2,2-Tetrachloroethane	TO-15	1/16/2013		UG/M3	U	4.5
BPS1-SVPM2004D-011613	1301315-12A	Propylbenzene	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2004D-011613	1301315-12A	4-Ethyltoluene	TO-15	1/16/2013	0.46	UG/M3	U	3.2
BPS1-SVPM2004D-011613	1301315-12A	1,3,5-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2004D-011613	1301315-12A	1,2,4-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2004D-011613	1301315-12A	1,3-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.0
BPS1-SVPM2004D-011613	1301315-12A	1,4-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.0
BPS1-SVPM2004D-011613	1301315-12A	alpha-Chlorotoluene	TO-15	1/16/2013		UG/M3	U	3.4

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2004D-011613	1301315-12A	1,2-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.0
BPS1-SVPM2004D-011613	1301315-12A	1,2,4-Trichlorobenzene	TO-15	1/16/2013		UG/M3	U	20
BPS1-SVPM2004D-011613	1301315-12A	Hexachlorobutadiene	TO-15	1/16/2013		UG/M3	U	28
BPS1-SVPM2004D-011613	1301315-12A	Toluene-d8	TO-15	1/16/2013	97	%R		
BPS1-SVPM2004D-011613	1301315-12A	1,2-Dichloroethane-d4	TO-15	1/16/2013	89	%R		
BPS1-SVPM2004D-011613	1301315-12A	4-Bromofluorobenzene	TO-15	1/16/2013	95	%R		
BPS1-SVPM2006S-011613	1301315-13A	Freon 12	TO-15	1/16/2013	2.5	UG/M3	U	4.0
BPS1-SVPM2006S-011613	1301315-13A	Freon 114	TO-15	1/16/2013		UG/M3	U	5.6
BPS1-SVPM2006S-011613	1301315-13A	Chloromethane	TO-15	1/16/2013		UG/M3	U	17
BPS1-SVPM2006S-011613	1301315-13A	Vinyl Chloride	TO-15	1/16/2013		UG/M3	U	2.0
BPS1-SVPM2006S-011613	1301315-13A	1,3-Butadiene	TO-15	1/16/2013		UG/M3	U	1.8
BPS1-SVPM2006S-011613	1301315-13A	Bromomethane	TO-15	1/16/2013		UG/M3	U	31
BPS1-SVPM2006S-011613	1301315-13A	Chloroethane	TO-15	1/16/2013		UG/M3	U	8.5
BPS1-SVPM2006S-011613	1301315-13A	Freon 11	TO-15	1/16/2013	1.4	UG/M3	U	4.5
BPS1-SVPM2006S-011613	1301315-13A	Ethanol	TO-15	1/16/2013	4.1	UG/M3	U	6.1
BPS1-SVPM2006S-011613	1301315-13A	Freon 113	TO-15	1/16/2013		UG/M3	U	6.2
BPS1-SVPM2006S-011613	1301315-13A	1,1-Dichloroethene	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2006S-011613	1301315-13A	Acetone	TO-15	1/16/2013	4.7	UG/M3	U	19
BPS1-SVPM2006S-011613	1301315-13A	2-Propanol	TO-15	1/16/2013		UG/M3	U	7.9
BPS1-SVPM2006S-011613	1301315-13A	Carbon Disulfide	TO-15	1/16/2013	1.1	UG/M3	U	10
BPS1-SVPM2006S-011613	1301315-13A	3-Chloropropene	TO-15	1/16/2013		UG/M3	U	10
BPS1-SVPM2006S-011613	1301315-13A	Methylene Chloride	TO-15	1/16/2013		UG/M3	U	28
BPS1-SVPM2006S-011613	1301315-13A	Methyl tert-butyl ether	TO-15	1/16/2013		UG/M3	U	2.9
BPS1-SVPM2006S-011613	1301315-13A	trans-1,2-Dichloroethene	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2006S-011613	1301315-13A	Hexane	TO-15	1/16/2013		UG/M3	U	2.8
BPS1-SVPM2006S-011613	1301315-13A	1,1-Dichloroethane	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2006S-011613	1301315-13A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/16/2013		UG/M3	U	9.5
BPS1-SVPM2006S-011613	1301315-13A	cis-1,2-Dichloroethene	TO-15	1/16/2013	5.4	UG/M3		3.2
BPS1-SVPM2006S-011613	1301315-13A	Tetrahydrofuran	TO-15	1/16/2013		UG/M3	U	2.4
BPS1-SVPM2006S-011613	1301315-13A	Chloroform	TO-15	1/16/2013		UG/M3	U	3.9
BPS1-SVPM2006S-011613	1301315-13A	1,1,1-Trichloroethane	TO-15	1/16/2013		UG/M3	U	4.4
BPS1-SVPM2006S-011613	1301315-13A	Cyclohexane	TO-15	1/16/2013		UG/M3	U	2.8
BPS1-SVPM2006S-011613	1301315-13A	Carbon Tetrachloride	TO-15	1/16/2013		UG/M3	U	5.1
BPS1-SVPM2006S-011613	1301315-13A	2,2,4-Trimethylpentane	TO-15	1/16/2013		UG/M3	U	3.8
BPS1-SVPM2006S-011613	1301315-13A	Benzene	TO-15	1/16/2013		UG/M3	U	2.6

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2006S-011613	1301315-13A	1,2-Dichloroethane	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2006S-011613	1301315-13A	Heptane	TO-15	1/16/2013		UG/M3	U	3.3
BPS1-SVPM2006S-011613	1301315-13A	Trichloroethene	TO-15	1/16/2013		UG/M3	U	4.3
BPS1-SVPM2006S-011613	1301315-13A	1,2-Dichloropropane	TO-15	1/16/2013		UG/M3	U	3.7
BPS1-SVPM2006S-011613	1301315-13A	1,4-Dioxane	TO-15	1/16/2013		UG/M3	U	12
BPS1-SVPM2006S-011613	1301315-13A	Bromodichloromethane	TO-15	1/16/2013		UG/M3	U	5.4
BPS1-SVPM2006S-011613	1301315-13A	cis-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2006S-011613	1301315-13A	4-Methyl-2-pentanone	TO-15	1/16/2013		UG/M3	U	3.3
BPS1-SVPM2006S-011613	1301315-13A	Toluene	TO-15	1/16/2013	1.6	UG/M3	U	3.0
BPS1-SVPM2006S-011613	1301315-13A	trans-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2006S-011613	1301315-13A	1,1,2-Trichloroethane	TO-15	1/16/2013		UG/M3	U	4.4
BPS1-SVPM2006S-011613	1301315-13A	Tetrachloroethene	TO-15	1/16/2013	1.0	UG/M3	J	5.5
BPS1-SVPM2006S-011613	1301315-13A	2-Hexanone	TO-15	1/16/2013		UG/M3	U	13
BPS1-SVPM2006S-011613	1301315-13A	Dibromochloromethane	TO-15	1/16/2013		UG/M3	U	6.8
BPS1-SVPM2006S-011613	1301315-13A	1,2-Dibromoethane (EDB)	TO-15	1/16/2013		UG/M3	U	6.2
BPS1-SVPM2006S-011613	1301315-13A	Chlorobenzene	TO-15	1/16/2013		UG/M3	U	3.7
BPS1-SVPM2006S-011613	1301315-13A	Ethyl Benzene	TO-15	1/16/2013		UG/M3	U	3.5
BPS1-SVPM2006S-011613	1301315-13A	m,p-Xylene	TO-15	1/16/2013	0.77	UG/M3	U	3.5
BPS1-SVPM2006S-011613	1301315-13A	o-Xylene	TO-15	1/16/2013		UG/M3	U	3.5
BPS1-SVPM2006S-011613	1301315-13A	Styrene	TO-15	1/16/2013		UG/M3	UJ	3.4
BPS1-SVPM2006S-011613	1301315-13A	Bromoform	TO-15	1/16/2013		UG/M3	U	8.3
BPS1-SVPM2006S-011613	1301315-13A	Cumene	TO-15	1/16/2013		UG/M3	U	4.0
BPS1-SVPM2006S-011613	1301315-13A	1,1,2,2-Tetrachloroethane	TO-15	1/16/2013		UG/M3	U	5.5
BPS1-SVPM2006S-011613	1301315-13A	Propylbenzene	TO-15	1/16/2013		UG/M3	U	4.0
BPS1-SVPM2006S-011613	1301315-13A	4-Ethyltoluene	TO-15	1/16/2013		UG/M3	U	4.0
BPS1-SVPM2006S-011613	1301315-13A	1,3,5-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	4.0
BPS1-SVPM2006S-011613	1301315-13A	1,2,4-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	4.0
BPS1-SVPM2006S-011613	1301315-13A	1,3-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.8
BPS1-SVPM2006S-011613	1301315-13A	1,4-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.8
BPS1-SVPM2006S-011613	1301315-13A	alpha-Chlorotoluene	TO-15	1/16/2013		UG/M3	U	4.2
BPS1-SVPM2006S-011613	1301315-13A	1,2-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.8
BPS1-SVPM2006S-011613	1301315-13A	1,2,4-Trichlorobenzene	TO-15	1/16/2013		UG/M3	U	24
BPS1-SVPM2006S-011613	1301315-13A	Hexachlorobutadiene	TO-15	1/16/2013		UG/M3	U	34
BPS1-SVPM2006S-011613	1301315-13A	Toluene-d8	TO-15	1/16/2013	98	%R		
BPS1-SVPM2006S-011613	1301315-13A	1,2-Dichloroethane-d4	TO-15	1/16/2013	90	%R		

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2006S-011613	1301315-13A	4-Bromofluorobenzene	TO-15	1/16/2013	94	%R		
BPS1-SVPM2006I-011613	1301315-14A	Freon 12	TO-15	1/16/2013	2.6	UG/M3	U	3.8
BPS1-SVPM2006I-011613	1301315-14A	Freon 114	TO-15	1/16/2013		UG/M3	U	5.4
BPS1-SVPM2006I-011613	1301315-14A	Chloromethane	TO-15	1/16/2013		UG/M3	U	16
BPS1-SVPM2006I-011613	1301315-14A	Vinyl Chloride	TO-15	1/16/2013		UG/M3	U	2.0
BPS1-SVPM2006I-011613	1301315-14A	1,3-Butadiene	TO-15	1/16/2013		UG/M3	U	1.7
BPS1-SVPM2006I-011613	1301315-14A	Bromomethane	TO-15	1/16/2013	1.4	UG/M3	U	30
BPS1-SVPM2006I-011613	1301315-14A	Chloroethane	TO-15	1/16/2013		UG/M3	U	8.2
BPS1-SVPM2006I-011613	1301315-14A	Freon 11	TO-15	1/16/2013	1.6	UG/M3	U	4.4
BPS1-SVPM2006I-011613	1301315-14A	Ethanol	TO-15	1/16/2013	5.4	UG/M3	U	5.8
BPS1-SVPM2006I-011613	1301315-14A	Freon 113	TO-15	1/16/2013	1.7	UG/M3	J	5.9
BPS1-SVPM2006I-011613	1301315-14A	1,1-Dichloroethene	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-SVPM2006I-011613	1301315-14A	Acetone	TO-15	1/16/2013	3.8	UG/M3	U	18
BPS1-SVPM2006I-011613	1301315-14A	2-Propanol	TO-15	1/16/2013	0.98	UG/M3	U	7.6
BPS1-SVPM2006I-011613	1301315-14A	Carbon Disulfide	TO-15	1/16/2013	1.3	UG/M3	U	9.6
BPS1-SVPM2006I-011613	1301315-14A	3-Chloropropene	TO-15	1/16/2013		UG/M3	U	9.7
BPS1-SVPM2006I-011613	1301315-14A	Methylene Chloride	TO-15	1/16/2013		UG/M3	U	27
BPS1-SVPM2006I-011613	1301315-14A	Methyl tert-butyl ether	TO-15	1/16/2013		UG/M3	U	2.8
BPS1-SVPM2006I-011613	1301315-14A	trans-1,2-Dichloroethene	TO-15	1/16/2013	4.6	UG/M3		3.1
BPS1-SVPM2006I-011613	1301315-14A	Hexane	TO-15	1/16/2013		UG/M3	U	2.7
BPS1-SVPM2006I-011613	1301315-14A	1,1-Dichloroethane	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-SVPM2006I-011613	1301315-14A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/16/2013		UG/M3	U	9.1
BPS1-SVPM2006I-011613	1301315-14A	cis-1,2-Dichloroethene	TO-15	1/16/2013	340	UG/M3		3.1
BPS1-SVPM2006I-011613	1301315-14A	Tetrahydrofuran	TO-15	1/16/2013		UG/M3	U	2.3
BPS1-SVPM2006I-011613	1301315-14A	Chloroform	TO-15	1/16/2013	4.2	UG/M3		3.8
BPS1-SVPM2006I-011613	1301315-14A	1,1,1-Trichloroethane	TO-15	1/16/2013		UG/M3	U	4.2
BPS1-SVPM2006I-011613	1301315-14A	Cyclohexane	TO-15	1/16/2013		UG/M3	U	2.7
BPS1-SVPM2006I-011613	1301315-14A	Carbon Tetrachloride	TO-15	1/16/2013		UG/M3	U	4.9
BPS1-SVPM2006I-011613	1301315-14A	2,2,4-Trimethylpentane	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2006I-011613	1301315-14A	Benzene	TO-15	1/16/2013		UG/M3	U	2.5
BPS1-SVPM2006I-011613	1301315-14A	1,2-Dichloroethane	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-SVPM2006I-011613	1301315-14A	Heptane	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2006I-011613	1301315-14A	Trichloroethene	TO-15	1/16/2013	47	UG/M3		4.2
BPS1-SVPM2006I-011613	1301315-14A	1,2-Dichloropropane	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2006I-011613	1301315-14A	1,4-Dioxane	TO-15	1/16/2013		UG/M3	U	11

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2006I-011613	1301315-14A	Bromodichloromethane	TO-15	1/16/2013		UG/M3	U	5.2
BPS1-SVPM2006I-011613	1301315-14A	cis-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.5
BPS1-SVPM2006I-011613	1301315-14A	4-Methyl-2-pentanone	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2006I-011613	1301315-14A	Toluene	TO-15	1/16/2013	1.2	UG/M3	U	2.9
BPS1-SVPM2006I-011613	1301315-14A	trans-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.5
BPS1-SVPM2006I-011613	1301315-14A	1,1,2-Trichloroethane	TO-15	1/16/2013		UG/M3	U	4.2
BPS1-SVPM2006I-011613	1301315-14A	Tetrachloroethene	TO-15	1/16/2013	1.9	UG/M3	J	5.2
BPS1-SVPM2006I-011613	1301315-14A	2-Hexanone	TO-15	1/16/2013		UG/M3	U	13
BPS1-SVPM2006I-011613	1301315-14A	Dibromochloromethane	TO-15	1/16/2013		UG/M3	U	6.6
BPS1-SVPM2006I-011613	1301315-14A	1,2-Dibromoethane (EDB)	TO-15	1/16/2013		UG/M3	U	6.0
BPS1-SVPM2006I-011613	1301315-14A	Chlorobenzene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2006I-011613	1301315-14A	Ethyl Benzene	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2006I-011613	1301315-14A	m,p-Xylene	TO-15	1/16/2013	0.97	UG/M3	U	3.4
BPS1-SVPM2006I-011613	1301315-14A	o-Xylene	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2006I-011613	1301315-14A	Styrene	TO-15	1/16/2013		UG/M3	UJ	3.3
BPS1-SVPM2006I-011613	1301315-14A	Bromoform	TO-15	1/16/2013		UG/M3	U	8.0
BPS1-SVPM2006I-011613	1301315-14A	Cumene	TO-15	1/16/2013		UG/M3	U	3.8
BPS1-SVPM2006I-011613	1301315-14A	1,1,2,2-Tetrachloroethane	TO-15	1/16/2013		UG/M3	U	5.3
BPS1-SVPM2006I-011613	1301315-14A	Propylbenzene	TO-15	1/16/2013		UG/M3	U	3.8
BPS1-SVPM2006I-011613	1301315-14A	4-Ethyltoluene	TO-15	1/16/2013	0.66	UG/M3	U	3.8
BPS1-SVPM2006I-011613	1301315-14A	1,3,5-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.8
BPS1-SVPM2006I-011613	1301315-14A	1,2,4-Trimethylbenzene	TO-15	1/16/2013	0.80	UG/M3	U	3.8
BPS1-SVPM2006I-011613	1301315-14A	1,3-Dichlorobenzene	TO-15	1/16/2013	0.84	UG/M3	U	4.6
BPS1-SVPM2006I-011613	1301315-14A	1,4-Dichlorobenzene	TO-15	1/16/2013	0.93	UG/M3	U	4.6
BPS1-SVPM2006I-011613	1301315-14A	alpha-Chlorotoluene	TO-15	1/16/2013		UG/M3	U	4.0
BPS1-SVPM2006I-011613	1301315-14A	1,2-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.6
BPS1-SVPM2006I-011613	1301315-14A	1,2,4-Trichlorobenzene	TO-15	1/16/2013	3.7	UG/M3	U	23
BPS1-SVPM2006I-011613	1301315-14A	Hexachlorobutadiene	TO-15	1/16/2013		UG/M3	U	33
BPS1-SVPM2006I-011613	1301315-14A	Toluene-d8	TO-15	1/16/2013	98	%R		
BPS1-SVPM2006I-011613	1301315-14A	1,2-Dichloroethane-d4	TO-15	1/16/2013	90	%R		
BPS1-SVPM2006I-011613	1301315-14A	4-Bromofluorobenzene	TO-15	1/16/2013	93	%R		
BPS1-SVPM2006D-011613	1301315-15A	Freon 12	TO-15	1/16/2013	2.7	UG/M3	U	3.7
BPS1-SVPM2006D-011613	1301315-15A	Freon 114	TO-15	1/16/2013		UG/M3	U	5.2
BPS1-SVPM2006D-011613	1301315-15A	Chloromethane	TO-15	1/16/2013		UG/M3	U	15
BPS1-SVPM2006D-011613	1301315-15A	Vinyl Chloride	TO-15	1/16/2013		UG/M3	U	1.9

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2006D-011613	1301315-15A	1,3-Butadiene	TO-15	1/16/2013		UG/M3	U	1.6
BPS1-SVPM2006D-011613	1301315-15A	Bromomethane	TO-15	1/16/2013	1.7	UG/M3	U	29
BPS1-SVPM2006D-011613	1301315-15A	Chloroethane	TO-15	1/16/2013		UG/M3	U	7.9
BPS1-SVPM2006D-011613	1301315-15A	Freon 11	TO-15	1/16/2013	1.5	UG/M3	U	4.2
BPS1-SVPM2006D-011613	1301315-15A	Ethanol	TO-15	1/16/2013	4.1	UG/M3	U	5.6
BPS1-SVPM2006D-011613	1301315-15A	Freon 113	TO-15	1/16/2013		UG/M3	U	5.7
BPS1-SVPM2006D-011613	1301315-15A	1,1-Dichloroethene	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2006D-011613	1301315-15A	Acetone	TO-15	1/16/2013	11	UG/M3	U	18
BPS1-SVPM2006D-011613	1301315-15A	2-Propanol	TO-15	1/16/2013		UG/M3	U	7.3
BPS1-SVPM2006D-011613	1301315-15A	Carbon Disulfide	TO-15	1/16/2013	1.5	UG/M3	U	9.3
BPS1-SVPM2006D-011613	1301315-15A	3-Chloropropene	TO-15	1/16/2013		UG/M3	U	9.3
BPS1-SVPM2006D-011613	1301315-15A	Methylene Chloride	TO-15	1/16/2013	0.67	UG/M3	U	26
BPS1-SVPM2006D-011613	1301315-15A	Methyl tert-butyl ether	TO-15	1/16/2013		UG/M3	U	2.7
BPS1-SVPM2006D-011613	1301315-15A	trans-1,2-Dichloroethene	TO-15	1/16/2013	2.2	UG/M3	J	3.0
BPS1-SVPM2006D-011613	1301315-15A	Hexane	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2006D-011613	1301315-15A	1,1-Dichloroethane	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2006D-011613	1301315-15A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/16/2013		UG/M3	U	8.8
BPS1-SVPM2006D-011613	1301315-15A	cis-1,2-Dichloroethene	TO-15	1/16/2013	190	UG/M3		3.0
BPS1-SVPM2006D-011613	1301315-15A	Tetrahydrofuran	TO-15	1/16/2013		UG/M3	U	2.2
BPS1-SVPM2006D-011613	1301315-15A	Chloroform	TO-15	1/16/2013	3.5	UG/M3	J	3.6
BPS1-SVPM2006D-011613	1301315-15A	1,1,1-Trichloroethane	TO-15	1/16/2013		UG/M3	U	4.1
BPS1-SVPM2006D-011613	1301315-15A	Cyclohexane	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2006D-011613	1301315-15A	Carbon Tetrachloride	TO-15	1/16/2013		UG/M3	U	4.7
BPS1-SVPM2006D-011613	1301315-15A	2,2,4-Trimethylpentane	TO-15	1/16/2013	0.42	UG/M3	J	3.5
BPS1-SVPM2006D-011613	1301315-15A	Benzene	TO-15	1/16/2013		UG/M3	U	2.4
BPS1-SVPM2006D-011613	1301315-15A	1,2-Dichloroethane	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2006D-011613	1301315-15A	Heptane	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2006D-011613	1301315-15A	Trichloroethene	TO-15	1/16/2013	17	UG/M3		4.0
BPS1-SVPM2006D-011613	1301315-15A	1,2-Dichloropropane	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2006D-011613	1301315-15A	1,4-Dioxane	TO-15	1/16/2013		UG/M3	U	11
BPS1-SVPM2006D-011613	1301315-15A	Bromodichloromethane	TO-15	1/16/2013		UG/M3	U	5.0
BPS1-SVPM2006D-011613	1301315-15A	cis-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2006D-011613	1301315-15A	4-Methyl-2-pentanone	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2006D-011613	1301315-15A	Toluene	TO-15	1/16/2013	3.2	UG/M3	U	2.8
BPS1-SVPM2006D-011613	1301315-15A	trans-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.4

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2006D-011613	1301315-15A	1,1,2-Trichloroethane	TO-15	1/16/2013		UG/M3	U	4.1
BPS1-SVPM2006D-011613	1301315-15A	Tetrachloroethene	TO-15	1/16/2013	1.4	UG/M3	J	5.0
BPS1-SVPM2006D-011613	1301315-15A	2-Hexanone	TO-15	1/16/2013		UG/M3	U	12
BPS1-SVPM2006D-011613	1301315-15A	Dibromochloromethane	TO-15	1/16/2013		UG/M3	U	6.3
BPS1-SVPM2006D-011613	1301315-15A	1,2-Dibromoethane (EDB)	TO-15	1/16/2013		UG/M3	U	5.7
BPS1-SVPM2006D-011613	1301315-15A	Chlorobenzene	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2006D-011613	1301315-15A	Ethyl Benzene	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2006D-011613	1301315-15A	m,p-Xylene	TO-15	1/16/2013	1.4	UG/M3	U	3.2
BPS1-SVPM2006D-011613	1301315-15A	o-Xylene	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2006D-011613	1301315-15A	Styrene	TO-15	1/16/2013		UG/M3	UJ	3.2
BPS1-SVPM2006D-011613	1301315-15A	Bromoform	TO-15	1/16/2013		UG/M3	U	7.7
BPS1-SVPM2006D-011613	1301315-15A	Cumene	TO-15	1/16/2013		UG/M3	U	3.7
BPS1-SVPM2006D-011613	1301315-15A	1,1,2,2-Tetrachloroethane	TO-15	1/16/2013		UG/M3	U	5.1
BPS1-SVPM2006D-011613	1301315-15A	Propylbenzene	TO-15	1/16/2013		UG/M3	U	3.7
BPS1-SVPM2006D-011613	1301315-15A	4-Ethyltoluene	TO-15	1/16/2013	0.38	UG/M3	U	3.7
BPS1-SVPM2006D-011613	1301315-15A	1,3,5-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.7
BPS1-SVPM2006D-011613	1301315-15A	1,2,4-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.7
BPS1-SVPM2006D-011613	1301315-15A	1,3-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.5
BPS1-SVPM2006D-011613	1301315-15A	1,4-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.5
BPS1-SVPM2006D-011613	1301315-15A	alpha-Chlorotoluene	TO-15	1/16/2013		UG/M3	U	3.8
BPS1-SVPM2006D-011613	1301315-15A	1,2-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.5
BPS1-SVPM2006D-011613	1301315-15A	1,2,4-Trichlorobenzene	TO-15	1/16/2013	2.2	UG/M3	U	22
BPS1-SVPM2006D-011613	1301315-15A	Hexachlorobutadiene	TO-15	1/16/2013		UG/M3	U	32
BPS1-SVPM2006D-011613	1301315-15A	Toluene-d8	TO-15	1/16/2013	98	%R		
BPS1-SVPM2006D-011613	1301315-15A	1,2-Dichloroethane-d4	TO-15	1/16/2013	92	%R		
BPS1-SVPM2006D-011613	1301315-15A	4-Bromofluorobenzene	TO-15	1/16/2013	94	%R		
BPS1-SVPM2007S-011613	1301315-16A	Freon 12	TO-15	1/16/2013	2.8	UG/M3	U	3.6
BPS1-SVPM2007S-011613	1301315-16A	Freon 114	TO-15	1/16/2013		UG/M3	U	5.1
BPS1-SVPM2007S-011613	1301315-16A	Chloromethane	TO-15	1/16/2013		UG/M3	U	15
BPS1-SVPM2007S-011613	1301315-16A	Vinyl Chloride	TO-15	1/16/2013		UG/M3	U	1.9
BPS1-SVPM2007S-011613	1301315-16A	1,3-Butadiene	TO-15	1/16/2013		UG/M3	U	1.6
BPS1-SVPM2007S-011613	1301315-16A	Bromomethane	TO-15	1/16/2013		UG/M3	U	28
BPS1-SVPM2007S-011613	1301315-16A	Chloroethane	TO-15	1/16/2013		UG/M3	U	7.7
BPS1-SVPM2007S-011613	1301315-16A	Freon 11	TO-15	1/16/2013	1.4	UG/M3	U	4.1
BPS1-SVPM2007S-011613	1301315-16A	Ethanol	TO-15	1/16/2013	4.2	UG/M3	U	5.5

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2007S-011613	1301315-16A	Freon 113	TO-15	1/16/2013		UG/M3	U	5.6
BPS1-SVPM2007S-011613	1301315-16A	1,1-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.9
BPS1-SVPM2007S-011613	1301315-16A	Acetone	TO-15	1/16/2013	7.3	UG/M3	U	17
BPS1-SVPM2007S-011613	1301315-16A	2-Propanol	TO-15	1/16/2013		UG/M3	U	7.2
BPS1-SVPM2007S-011613	1301315-16A	Carbon Disulfide	TO-15	1/16/2013	3.9	UG/M3	U	9.1
BPS1-SVPM2007S-011613	1301315-16A	3-Chloropropene	TO-15	1/16/2013		UG/M3	U	9.1
BPS1-SVPM2007S-011613	1301315-16A	Methylene Chloride	TO-15	1/16/2013		UG/M3	U	25
BPS1-SVPM2007S-011613	1301315-16A	Methyl tert-butyl ether	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2007S-011613	1301315-16A	trans-1,2-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.9
BPS1-SVPM2007S-011613	1301315-16A	Hexane	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2007S-011613	1301315-16A	1,1-Dichloroethane	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2007S-011613	1301315-16A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/16/2013		UG/M3	U	8.6
BPS1-SVPM2007S-011613	1301315-16A	cis-1,2-Dichloroethene	TO-15	1/16/2013	13	UG/M3		2.9
BPS1-SVPM2007S-011613	1301315-16A	Tetrahydrofuran	TO-15	1/16/2013		UG/M3	U	2.2
BPS1-SVPM2007S-011613	1301315-16A	Chloroform	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2007S-011613	1301315-16A	1,1,1-Trichloroethane	TO-15	1/16/2013		UG/M3	U	4.0
BPS1-SVPM2007S-011613	1301315-16A	Cyclohexane	TO-15	1/16/2013		UG/M3	U	2.5
BPS1-SVPM2007S-011613	1301315-16A	Carbon Tetrachloride	TO-15	1/16/2013		UG/M3	U	4.6
BPS1-SVPM2007S-011613	1301315-16A	2,2,4-Trimethylpentane	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2007S-011613	1301315-16A	Benzene	TO-15	1/16/2013		UG/M3	U	2.3
BPS1-SVPM2007S-011613	1301315-16A	1,2-Dichloroethane	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2007S-011613	1301315-16A	Heptane	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2007S-011613	1301315-16A	Trichloroethene	TO-15	1/16/2013	5.0	UG/M3		3.9
BPS1-SVPM2007S-011613	1301315-16A	1,2-Dichloropropane	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2007S-011613	1301315-16A	1,4-Dioxane	TO-15	1/16/2013		UG/M3	U	10
BPS1-SVPM2007S-011613	1301315-16A	Bromodichloromethane	TO-15	1/16/2013		UG/M3	U	4.9
BPS1-SVPM2007S-011613	1301315-16A	cis-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.3
BPS1-SVPM2007S-011613	1301315-16A	4-Methyl-2-pentanone	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2007S-011613	1301315-16A	Toluene	TO-15	1/16/2013	0.81	UG/M3	U	2.8
BPS1-SVPM2007S-011613	1301315-16A	trans-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.3
BPS1-SVPM2007S-011613	1301315-16A	1,1,2-Trichloroethane	TO-15	1/16/2013		UG/M3	U	4.0
BPS1-SVPM2007S-011613	1301315-16A	Tetrachloroethene	TO-15	1/16/2013	1.1	UG/M3	J	5.0
BPS1-SVPM2007S-011613	1301315-16A	2-Hexanone	TO-15	1/16/2013		UG/M3	U	12
BPS1-SVPM2007S-011613	1301315-16A	Dibromochloromethane	TO-15	1/16/2013		UG/M3	U	6.2
BPS1-SVPM2007S-011613	1301315-16A	1,2-Dibromoethane (EDB)	TO-15	1/16/2013		UG/M3	U	5.6

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2007S-011613	1301315-16A	Chlorobenzene	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2007S-011613	1301315-16A	Ethyl Benzene	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2007S-011613	1301315-16A	m,p-Xylene	TO-15	1/16/2013	0.89	UG/M3	U	3.2
BPS1-SVPM2007S-011613	1301315-16A	o-Xylene	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2007S-011613	1301315-16A	Styrene	TO-15	1/16/2013		UG/M3	UJ	3.1
BPS1-SVPM2007S-011613	1301315-16A	Bromoform	TO-15	1/16/2013		UG/M3	U	7.5
BPS1-SVPM2007S-011613	1301315-16A	Cumene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2007S-011613	1301315-16A	1,1,2,2-Tetrachloroethane	TO-15	1/16/2013		UG/M3	U	5.0
BPS1-SVPM2007S-011613	1301315-16A	Propylbenzene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2007S-011613	1301315-16A	4-Ethyltoluene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2007S-011613	1301315-16A	1,3,5-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2007S-011613	1301315-16A	1,2,4-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2007S-011613	1301315-16A	1,3-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.4
BPS1-SVPM2007S-011613	1301315-16A	1,4-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.4
BPS1-SVPM2007S-011613	1301315-16A	alpha-Chlorotoluene	TO-15	1/16/2013		UG/M3	U	3.8
BPS1-SVPM2007S-011613	1301315-16A	1,2-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.4
BPS1-SVPM2007S-011613	1301315-16A	1,2,4-Trichlorobenzene	TO-15	1/16/2013	1.6	UG/M3	U	22
BPS1-SVPM2007S-011613	1301315-16A	Hexachlorobutadiene	TO-15	1/16/2013		UG/M3	U	31
BPS1-SVPM2007S-011613	1301315-16A	Toluene-d8	TO-15	1/16/2013	96	%R		
BPS1-SVPM2007S-011613	1301315-16A	1,2-Dichloroethane-d4	TO-15	1/16/2013	94	%R		
BPS1-SVPM2007S-011613	1301315-16A	4-Bromofluorobenzene	TO-15	1/16/2013	97	%R		
BPS1-SVPM2007IR-011613	1301315-17A	Freon 12	TO-15	1/16/2013	4.8	UG/M3	U	3.8
BPS1-SVPM2007IR-011613	1301315-17A	Freon 114	TO-15	1/16/2013		UG/M3	U	5.4
BPS1-SVPM2007IR-011613	1301315-17A	Chloromethane	TO-15	1/16/2013		UG/M3	U	16
BPS1-SVPM2007IR-011613	1301315-17A	Vinyl Chloride	TO-15	1/16/2013		UG/M3	U	2.0
BPS1-SVPM2007IR-011613	1301315-17A	1,3-Butadiene	TO-15	1/16/2013		UG/M3	U	1.7
BPS1-SVPM2007IR-011613	1301315-17A	Bromomethane	TO-15	1/16/2013		UG/M3	U	30
BPS1-SVPM2007IR-011613	1301315-17A	Chloroethane	TO-15	1/16/2013		UG/M3	U	8.2
BPS1-SVPM2007IR-011613	1301315-17A	Freon 11	TO-15	1/16/2013	1.4	UG/M3	U	4.4
BPS1-SVPM2007IR-011613	1301315-17A	Ethanol	TO-15	1/16/2013	4.0	UG/M3	U	5.8
BPS1-SVPM2007IR-011613	1301315-17A	Freon 113	TO-15	1/16/2013		UG/M3	U	5.9
BPS1-SVPM2007IR-011613	1301315-17A	1,1-Dichloroethene	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-SVPM2007IR-011613	1301315-17A	Acetone	TO-15	1/16/2013	6.9	UG/M3	U	18
BPS1-SVPM2007IR-011613	1301315-17A	2-Propanol	TO-15	1/16/2013		UG/M3	U	7.6
BPS1-SVPM2007IR-011613	1301315-17A	Carbon Disulfide	TO-15	1/16/2013	1.9	UG/M3	U	9.6

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2007IR-011613	1301315-17A	3-Chloropropene	TO-15	1/16/2013		UG/M3	U	9.7
BPS1-SVPM2007IR-011613	1301315-17A	Methylene Chloride	TO-15	1/16/2013	0.98	UG/M3	U	27
BPS1-SVPM2007IR-011613	1301315-17A	Methyl tert-butyl ether	TO-15	1/16/2013		UG/M3	U	2.8
BPS1-SVPM2007IR-011613	1301315-17A	trans-1,2-Dichloroethene	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-SVPM2007IR-011613	1301315-17A	Hexane	TO-15	1/16/2013		UG/M3	U	2.7
BPS1-SVPM2007IR-011613	1301315-17A	1,1-Dichloroethane	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-SVPM2007IR-011613	1301315-17A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/16/2013		UG/M3	U	9.1
BPS1-SVPM2007IR-011613	1301315-17A	cis-1,2-Dichloroethene	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-SVPM2007IR-011613	1301315-17A	Tetrahydrofuran	TO-15	1/16/2013		UG/M3	U	2.3
BPS1-SVPM2007IR-011613	1301315-17A	Chloroform	TO-15	1/16/2013	0.76	UG/M3	J	3.8
BPS1-SVPM2007IR-011613	1301315-17A	1,1,1-Trichloroethane	TO-15	1/16/2013		UG/M3	U	4.2
BPS1-SVPM2007IR-011613	1301315-17A	Cyclohexane	TO-15	1/16/2013		UG/M3	U	2.7
BPS1-SVPM2007IR-011613	1301315-17A	Carbon Tetrachloride	TO-15	1/16/2013		UG/M3	U	4.9
BPS1-SVPM2007IR-011613	1301315-17A	2,2,4-Trimethylpentane	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2007IR-011613	1301315-17A	Benzene	TO-15	1/16/2013	3.6	UG/M3		2.5
BPS1-SVPM2007IR-011613	1301315-17A	1,2-Dichloroethane	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-SVPM2007IR-011613	1301315-17A	Heptane	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2007IR-011613	1301315-17A	Trichloroethene	TO-15	1/16/2013		UG/M3	U	4.2
BPS1-SVPM2007IR-011613	1301315-17A	1,2-Dichloropropane	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2007IR-011613	1301315-17A	1,4-Dioxane	TO-15	1/16/2013		UG/M3	U	11
BPS1-SVPM2007IR-011613	1301315-17A	Bromodichloromethane	TO-15	1/16/2013		UG/M3	U	5.2
BPS1-SVPM2007IR-011613	1301315-17A	cis-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.5
BPS1-SVPM2007IR-011613	1301315-17A	4-Methyl-2-pentanone	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-SVPM2007IR-011613	1301315-17A	Toluene	TO-15	1/16/2013	0.90	UG/M3	U	2.9
BPS1-SVPM2007IR-011613	1301315-17A	trans-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.5
BPS1-SVPM2007IR-011613	1301315-17A	1,1,2-Trichloroethane	TO-15	1/16/2013		UG/M3	U	4.2
BPS1-SVPM2007IR-011613	1301315-17A	Tetrachloroethene	TO-15	1/16/2013	1.8	UG/M3	J	5.2
BPS1-SVPM2007IR-011613	1301315-17A	2-Hexanone	TO-15	1/16/2013		UG/M3	U	13
BPS1-SVPM2007IR-011613	1301315-17A	Dibromochloromethane	TO-15	1/16/2013		UG/M3	U	6.6
BPS1-SVPM2007IR-011613	1301315-17A	1,2-Dibromoethane (EDB)	TO-15	1/16/2013		UG/M3	U	6.0
BPS1-SVPM2007IR-011613	1301315-17A	Chlorobenzene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2007IR-011613	1301315-17A	Ethyl Benzene	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2007IR-011613	1301315-17A	m,p-Xylene	TO-15	1/16/2013	0.84	UG/M3	U	3.4
BPS1-SVPM2007IR-011613	1301315-17A	o-Xylene	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2007IR-011613	1301315-17A	Styrene	TO-15	1/16/2013		UG/M3	UJ	3.3

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2007IR-011613	1301315-17A	Bromoform	TO-15	1/16/2013		UG/M3	U	8.0
BPS1-SVPM2007IR-011613	1301315-17A	Cumene	TO-15	1/16/2013	0.89	UG/M3	J	3.8
BPS1-SVPM2007IR-011613	1301315-17A	1,1,2,2-Tetrachloroethane	TO-15	1/16/2013		UG/M3	U	5.3
BPS1-SVPM2007IR-011613	1301315-17A	Propylbenzene	TO-15	1/16/2013		UG/M3	U	3.8
BPS1-SVPM2007IR-011613	1301315-17A	4-Ethyltoluene	TO-15	1/16/2013	0.38	UG/M3	U	3.8
BPS1-SVPM2007IR-011613	1301315-17A	1,3,5-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.8
BPS1-SVPM2007IR-011613	1301315-17A	1,2,4-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.8
BPS1-SVPM2007IR-011613	1301315-17A	1,3-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.6
BPS1-SVPM2007IR-011613	1301315-17A	1,4-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.6
BPS1-SVPM2007IR-011613	1301315-17A	alpha-Chlorotoluene	TO-15	1/16/2013		UG/M3	U	4.0
BPS1-SVPM2007IR-011613	1301315-17A	1,2-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.6
BPS1-SVPM2007IR-011613	1301315-17A	1,2,4-Trichlorobenzene	TO-15	1/16/2013		UG/M3	U	23
BPS1-SVPM2007IR-011613	1301315-17A	Hexachlorobutadiene	TO-15	1/16/2013		UG/M3	U	33
BPS1-SVPM2007IR-011613	1301315-17A	Toluene-d8	TO-15	1/16/2013	97	%R		
BPS1-SVPM2007IR-011613	1301315-17A	1,2-Dichloroethane-d4	TO-15	1/16/2013	95	%R		
BPS1-SVPM2007IR-011613	1301315-17A	4-Bromofluorobenzene	TO-15	1/16/2013	96	%R		
BPS1-SVPM2007D-011613	1301315-18A	Freon 12	TO-15	1/16/2013	9.5	UG/M3		3.6
BPS1-SVPM2007D-011613	1301315-18A	Freon 114	TO-15	1/16/2013		UG/M3	U	5.1
BPS1-SVPM2007D-011613	1301315-18A	Chloromethane	TO-15	1/16/2013		UG/M3	U	15
BPS1-SVPM2007D-011613	1301315-18A	Vinyl Chloride	TO-15	1/16/2013		UG/M3	U	1.9
BPS1-SVPM2007D-011613	1301315-18A	1,3-Butadiene	TO-15	1/16/2013		UG/M3	U	1.6
BPS1-SVPM2007D-011613	1301315-18A	Bromomethane	TO-15	1/16/2013		UG/M3	U	28
BPS1-SVPM2007D-011613	1301315-18A	Chloroethane	TO-15	1/16/2013		UG/M3	U	7.7
BPS1-SVPM2007D-011613	1301315-18A	Freon 11	TO-15	1/16/2013	2.0	UG/M3	U	4.1
BPS1-SVPM2007D-011613	1301315-18A	Ethanol	TO-15	1/16/2013	9.2	UG/M3	U	5.5
BPS1-SVPM2007D-011613	1301315-18A	Freon 113	TO-15	1/16/2013		UG/M3	U	5.6
BPS1-SVPM2007D-011613	1301315-18A	1,1-Dichloroethene	TO-15	1/16/2013		UG/M3	U	2.9
BPS1-SVPM2007D-011613	1301315-18A	Acetone	TO-15	1/16/2013	48	UG/M3	J	17
BPS1-SVPM2007D-011613	1301315-18A	2-Propanol	TO-15	1/16/2013	5.1	UG/M3	U	7.2
BPS1-SVPM2007D-011613	1301315-18A	Carbon Disulfide	TO-15	1/16/2013	1.9	UG/M3	U	9.1
BPS1-SVPM2007D-011613	1301315-18A	3-Chloropropene	TO-15	1/16/2013		UG/M3	U	9.1
BPS1-SVPM2007D-011613	1301315-18A	Methylene Chloride	TO-15	1/16/2013	1.6	UG/M3	U	25
BPS1-SVPM2007D-011613	1301315-18A	Methyl tert-butyl ether	TO-15	1/16/2013		UG/M3	U	2.6
BPS1-SVPM2007D-011613	1301315-18A	trans-1,2-Dichloroethene	TO-15	1/16/2013	1.3	UG/M3	J	2.9
BPS1-SVPM2007D-011613	1301315-18A	Hexane	TO-15	1/16/2013	1.7	UG/M3	J	2.6

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2007D-011613	1301315-18A	1,1-Dichloroethane	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2007D-011613	1301315-18A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/16/2013		UG/M3	U	8.6
BPS1-SVPM2007D-011613	1301315-18A	cis-1,2-Dichloroethene	TO-15	1/16/2013	9.8	UG/M3		2.9
BPS1-SVPM2007D-011613	1301315-18A	Tetrahydrofuran	TO-15	1/16/2013		UG/M3	U	2.2
BPS1-SVPM2007D-011613	1301315-18A	Chloroform	TO-15	1/16/2013	2.1	UG/M3	J	3.6
BPS1-SVPM2007D-011613	1301315-18A	1,1,1-Trichloroethane	TO-15	1/16/2013	1.3	UG/M3	J	4.0
BPS1-SVPM2007D-011613	1301315-18A	Cyclohexane	TO-15	1/16/2013	2.5	UG/M3	J	2.5
BPS1-SVPM2007D-011613	1301315-18A	Carbon Tetrachloride	TO-15	1/16/2013		UG/M3	U	4.6
BPS1-SVPM2007D-011613	1301315-18A	2,2,4-Trimethylpentane	TO-15	1/16/2013	1.8	UG/M3	J	3.4
BPS1-SVPM2007D-011613	1301315-18A	Benzene	TO-15	1/16/2013	1.3	UG/M3	J	2.3
BPS1-SVPM2007D-011613	1301315-18A	1,2-Dichloroethane	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2007D-011613	1301315-18A	Heptane	TO-15	1/16/2013	3.4	UG/M3	J	3.0
BPS1-SVPM2007D-011613	1301315-18A	Trichloroethene	TO-15	1/16/2013	5.5	UG/M3	J	3.9
BPS1-SVPM2007D-011613	1301315-18A	1,2-Dichloropropane	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2007D-011613	1301315-18A	1,4-Dioxane	TO-15	1/16/2013		UG/M3	U	10
BPS1-SVPM2007D-011613	1301315-18A	Bromodichloromethane	TO-15	1/16/2013		UG/M3	U	4.9
BPS1-SVPM2007D-011613	1301315-18A	cis-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.3
BPS1-SVPM2007D-011613	1301315-18A	4-Methyl-2-pentanone	TO-15	1/16/2013		UG/M3	U	3.0
BPS1-SVPM2007D-011613	1301315-18A	Toluene	TO-15	1/16/2013	10	UG/M3	J	2.8
BPS1-SVPM2007D-011613	1301315-18A	trans-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.3
BPS1-SVPM2007D-011613	1301315-18A	1,1,2-Trichloroethane	TO-15	1/16/2013		UG/M3	U	4.0
BPS1-SVPM2007D-011613	1301315-18A	Tetrachloroethene	TO-15	1/16/2013	2.2	UG/M3	J	5.0
BPS1-SVPM2007D-011613	1301315-18A	2-Hexanone	TO-15	1/16/2013		UG/M3	U	12
BPS1-SVPM2007D-011613	1301315-18A	Dibromochloromethane	TO-15	1/16/2013		UG/M3	U	6.2
BPS1-SVPM2007D-011613	1301315-18A	1,2-Dibromoethane (EDB)	TO-15	1/16/2013		UG/M3	U	5.6
BPS1-SVPM2007D-011613	1301315-18A	Chlorobenzene	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-SVPM2007D-011613	1301315-18A	Ethyl Benzene	TO-15	1/16/2013	1.3	UG/M3	J	3.2
BPS1-SVPM2007D-011613	1301315-18A	m,p-Xylene	TO-15	1/16/2013	4.7	UG/M3	U	3.2
BPS1-SVPM2007D-011613	1301315-18A	o-Xylene	TO-15	1/16/2013	1.7	UG/M3	J	3.2
BPS1-SVPM2007D-011613	1301315-18A	Styrene	TO-15	1/16/2013		UG/M3	UJ	3.1
BPS1-SVPM2007D-011613	1301315-18A	Bromoform	TO-15	1/16/2013		UG/M3	U	7.5
BPS1-SVPM2007D-011613	1301315-18A	Cumene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2007D-011613	1301315-18A	1,1,2,2-Tetrachloroethane	TO-15	1/16/2013		UG/M3	U	5.0
BPS1-SVPM2007D-011613	1301315-18A	Propylbenzene	TO-15	1/16/2013	0.40	UG/M3	U	3.6
BPS1-SVPM2007D-011613	1301315-18A	4-Ethyltoluene	TO-15	1/16/2013	0.94	UG/M3	U	3.6

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-SVPM2007D-011613	1301315-18A	1,3,5-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-SVPM2007D-011613	1301315-18A	1,2,4-Trimethylbenzene	TO-15	1/16/2013	1.3	UG/M3	U	3.6
BPS1-SVPM2007D-011613	1301315-18A	1,3-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.4
BPS1-SVPM2007D-011613	1301315-18A	1,4-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.4
BPS1-SVPM2007D-011613	1301315-18A	alpha-Chlorotoluene	TO-15	1/16/2013		UG/M3	U	3.8
BPS1-SVPM2007D-011613	1301315-18A	1,2-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.4
BPS1-SVPM2007D-011613	1301315-18A	1,2,4-Trichlorobenzene	TO-15	1/16/2013		UG/M3	U	22
BPS1-SVPM2007D-011613	1301315-18A	Hexachlorobutadiene	TO-15	1/16/2013		UG/M3	U	31
BPS1-SVPM2007D-011613	1301315-18A	Toluene-d8	TO-15	1/16/2013	98	%R		
BPS1-SVPM2007D-011613	1301315-18A	1,2-Dichloroethane-d4	TO-15	1/16/2013	93	%R		
BPS1-SVPM2007D-011613	1301315-18A	4-Bromofluorobenzene	TO-15	1/16/2013	96	%R		
BPS1-DUP01-011513	1301315-19A	Freon 12	TO-15	1/15/2013	2.8	UG/M3	U	5.5
BPS1-DUP01-011513	1301315-19A	Freon 114	TO-15	1/15/2013		UG/M3	U	7.8
BPS1-DUP01-011513	1301315-19A	Chloromethane	TO-15	1/15/2013		UG/M3	U	23
BPS1-DUP01-011513	1301315-19A	Vinyl Chloride	TO-15	1/15/2013		UG/M3	U	2.8
BPS1-DUP01-011513	1301315-19A	1,3-Butadiene	TO-15	1/15/2013		UG/M3	U	2.5
BPS1-DUP01-011513	1301315-19A	Bromomethane	TO-15	1/15/2013		UG/M3	U	43
BPS1-DUP01-011513	1301315-19A	Chloroethane	TO-15	1/15/2013		UG/M3	U	12
BPS1-DUP01-011513	1301315-19A	Freon 11	TO-15	1/15/2013	1.2	UG/M3	U	6.3
BPS1-DUP01-011513	1301315-19A	Ethanol	TO-15	1/15/2013	6.8	UG/M3	U	8.4
BPS1-DUP01-011513	1301315-19A	Freon 113	TO-15	1/15/2013		UG/M3	U	8.5
BPS1-DUP01-011513	1301315-19A	1,1-Dichloroethene	TO-15	1/15/2013		UG/M3	U	4.4
BPS1-DUP01-011513	1301315-19A	Acetone	TO-15	1/15/2013	8.8	UG/M3	U	26
BPS1-DUP01-011513	1301315-19A	2-Propanol	TO-15	1/15/2013		UG/M3	U	11
BPS1-DUP01-011513	1301315-19A	Carbon Disulfide	TO-15	1/15/2013	2.7	UG/M3	U	14
BPS1-DUP01-011513	1301315-19A	3-Chloropropene	TO-15	1/15/2013		UG/M3	U	14
BPS1-DUP01-011513	1301315-19A	Methylene Chloride	TO-15	1/15/2013	1.2	UG/M3	U	39
BPS1-DUP01-011513	1301315-19A	Methyl tert-butyl ether	TO-15	1/15/2013		UG/M3	U	4.0
BPS1-DUP01-011513	1301315-19A	trans-1,2-Dichloroethene	TO-15	1/15/2013		UG/M3	U	4.4
BPS1-DUP01-011513	1301315-19A	Hexane	TO-15	1/15/2013	12	UG/M3	U	3.9
BPS1-DUP01-011513	1301315-19A	1,1-Dichloroethane	TO-15	1/15/2013		UG/M3	U	4.5
BPS1-DUP01-011513	1301315-19A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/15/2013		UG/M3	U	13
BPS1-DUP01-011513	1301315-19A	cis-1,2-Dichloroethene	TO-15	1/15/2013		UG/M3	U	4.4
BPS1-DUP01-011513	1301315-19A	Tetrahydrofuran	TO-15	1/15/2013		UG/M3	UJ	3.3
BPS1-DUP01-011513	1301315-19A	Chloroform	TO-15	1/15/2013		UG/M3	U	5.4

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-DUP01-011513	1301315-19A	1,1,1-Trichloroethane	TO-15	1/15/2013		UG/M3	U	6.1
BPS1-DUP01-011513	1301315-19A	Cyclohexane	TO-15	1/15/2013		UG/M3	U	3.8
BPS1-DUP01-011513	1301315-19A	Carbon Tetrachloride	TO-15	1/15/2013		UG/M3	U	7.0
BPS1-DUP01-011513	1301315-19A	2,2,4-Trimethylpentane	TO-15	1/15/2013	1.4	UG/M3	U	5.2
BPS1-DUP01-011513	1301315-19A	Benzene	TO-15	1/15/2013	1.7	UG/M3	J	3.6
BPS1-DUP01-011513	1301315-19A	1,2-Dichloroethane	TO-15	1/15/2013		UG/M3	U	4.5
BPS1-DUP01-011513	1301315-19A	Heptane	TO-15	1/15/2013	3.2	UG/M3	U	4.6
BPS1-DUP01-011513	1301315-19A	Trichloroethene	TO-15	1/15/2013		UG/M3	U	6.0
BPS1-DUP01-011513	1301315-19A	1,2-Dichloropropane	TO-15	1/15/2013		UG/M3	U	5.2
BPS1-DUP01-011513	1301315-19A	1,4-Dioxane	TO-15	1/15/2013		UG/M3	U	16
BPS1-DUP01-011513	1301315-19A	Bromodichloromethane	TO-15	1/15/2013		UG/M3	U	7.5
BPS1-DUP01-011513	1301315-19A	cis-1,3-Dichloropropene	TO-15	1/15/2013		UG/M3	U	5.1
BPS1-DUP01-011513	1301315-19A	4-Methyl-2-pentanone	TO-15	1/15/2013		UG/M3	U	4.6
BPS1-DUP01-011513	1301315-19A	Toluene	TO-15	1/15/2013	6.2	UG/M3		4.2
BPS1-DUP01-011513	1301315-19A	trans-1,3-Dichloropropene	TO-15	1/15/2013		UG/M3	U	5.1
BPS1-DUP01-011513	1301315-19A	1,1,2-Trichloroethane	TO-15	1/15/2013		UG/M3	U	6.1
BPS1-DUP01-011513	1301315-19A	Tetrachloroethene	TO-15	1/15/2013	1.9	UG/M3	U	7.6
BPS1-DUP01-011513	1301315-19A	2-Hexanone	TO-15	1/15/2013		UG/M3	U	18
BPS1-DUP01-011513	1301315-19A	Dibromochloromethane	TO-15	1/15/2013		UG/M3	U	9.5
BPS1-DUP01-011513	1301315-19A	1,2-Dibromoethane (EDB)	TO-15	1/15/2013		UG/M3	U	8.6
BPS1-DUP01-011513	1301315-19A	Chlorobenzene	TO-15	1/15/2013		UG/M3	U	5.1
BPS1-DUP01-011513	1301315-19A	Ethyl Benzene	TO-15	1/15/2013		UG/M3	U	4.8
BPS1-DUP01-011513	1301315-19A	m,p-Xylene	TO-15	1/15/2013	2.5	UG/M3	U	4.8
BPS1-DUP01-011513	1301315-19A	o-Xylene	TO-15	1/15/2013		UG/M3	U	4.8
BPS1-DUP01-011513	1301315-19A	Styrene	TO-15	1/15/2013		UG/M3	UJ	4.7
BPS1-DUP01-011513	1301315-19A	Bromoform	TO-15	1/15/2013		UG/M3	U	12
BPS1-DUP01-011513	1301315-19A	Cumene	TO-15	1/15/2013		UG/M3	U	5.5
BPS1-DUP01-011513	1301315-19A	1,1,2,2-Tetrachloroethane	TO-15	1/15/2013		UG/M3	U	7.6
BPS1-DUP01-011513	1301315-19A	Propylbenzene	TO-15	1/15/2013		UG/M3	U	5.5
BPS1-DUP01-011513	1301315-19A	4-Ethyltoluene	TO-15	1/15/2013		UG/M3	U	5.5
BPS1-DUP01-011513	1301315-19A	1,3,5-Trimethylbenzene	TO-15	1/15/2013		UG/M3	U	5.5
BPS1-DUP01-011513	1301315-19A	1,2,4-Trimethylbenzene	TO-15	1/15/2013		UG/M3	U	5.5
BPS1-DUP01-011513	1301315-19A	1,3-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	6.7
BPS1-DUP01-011513	1301315-19A	1,4-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	6.7
BPS1-DUP01-011513	1301315-19A	alpha-Chlorotoluene	TO-15	1/15/2013		UG/M3	U	5.8

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-DUP01-011513	1301315-19A	1,2-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	6.7
BPS1-DUP01-011513	1301315-19A	1,2,4-Trichlorobenzene	TO-15	1/15/2013		UG/M3	U	33
BPS1-DUP01-011513	1301315-19A	Hexachlorobutadiene	TO-15	1/15/2013		UG/M3	U	48
BPS1-DUP01-011513	1301315-19A	Toluene-d8	TO-15	1/15/2013	97	%R		
BPS1-DUP01-011513	1301315-19A	1,2-Dichloroethane-d4	TO-15	1/15/2013	92	%R		
BPS1-DUP01-011513	1301315-19A	4-Bromofluorobenzene	TO-15	1/15/2013	94	%R		
BPS1-DUP02-011613	1301315-20A	Freon 12	TO-15	1/16/2013	12	UG/M3		3.9
BPS1-DUP02-011613	1301315-20A	Freon 114	TO-15	1/16/2013		UG/M3	U	5.5
BPS1-DUP02-011613	1301315-20A	Chloromethane	TO-15	1/16/2013		UG/M3	U	16
BPS1-DUP02-011613	1301315-20A	Vinyl Chloride	TO-15	1/16/2013		UG/M3	U	2.0
BPS1-DUP02-011613	1301315-20A	1,3-Butadiene	TO-15	1/16/2013		UG/M3	U	1.7
BPS1-DUP02-011613	1301315-20A	Bromomethane	TO-15	1/16/2013		UG/M3	U	31
BPS1-DUP02-011613	1301315-20A	Chloroethane	TO-15	1/16/2013		UG/M3	U	8.3
BPS1-DUP02-011613	1301315-20A	Freon 11	TO-15	1/16/2013	1.9	UG/M3	U	4.4
BPS1-DUP02-011613	1301315-20A	Ethanol	TO-15	1/16/2013	2.3	UG/M3	U	6.0
BPS1-DUP02-011613	1301315-20A	Freon 113	TO-15	1/16/2013		UG/M3	U	6.0
BPS1-DUP02-011613	1301315-20A	1,1-Dichloroethene	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-DUP02-011613	1301315-20A	Acetone	TO-15	1/16/2013	3.1	UG/M3	UJ	19
BPS1-DUP02-011613	1301315-20A	2-Propanol	TO-15	1/16/2013		UG/M3	U	7.8
BPS1-DUP02-011613	1301315-20A	Carbon Disulfide	TO-15	1/16/2013	1.9	UG/M3	U	9.8
BPS1-DUP02-011613	1301315-20A	3-Chloropropene	TO-15	1/16/2013		UG/M3	U	9.9
BPS1-DUP02-011613	1301315-20A	Methylene Chloride	TO-15	1/16/2013		UG/M3	U	27
BPS1-DUP02-011613	1301315-20A	Methyl tert-butyl ether	TO-15	1/16/2013		UG/M3	U	2.8
BPS1-DUP02-011613	1301315-20A	trans-1,2-Dichloroethene	TO-15	1/16/2013		UG/M3	UJ	3.1
BPS1-DUP02-011613	1301315-20A	Hexane	TO-15	1/16/2013		UG/M3	UJ	2.8
BPS1-DUP02-011613	1301315-20A	1,1-Dichloroethane	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-DUP02-011613	1301315-20A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/16/2013		UG/M3	U	9.3
BPS1-DUP02-011613	1301315-20A	cis-1,2-Dichloroethene	TO-15	1/16/2013	11	UG/M3		3.1
BPS1-DUP02-011613	1301315-20A	Tetrahydrofuran	TO-15	1/16/2013		UG/M3	U	2.3
BPS1-DUP02-011613	1301315-20A	Chloroform	TO-15	1/16/2013	2.5	UG/M3	J	3.8
BPS1-DUP02-011613	1301315-20A	1,1,1-Trichloroethane	TO-15	1/16/2013	1.1	UG/M3	J	4.3
BPS1-DUP02-011613	1301315-20A	Cyclohexane	TO-15	1/16/2013		UG/M3	UJ	2.7
BPS1-DUP02-011613	1301315-20A	Carbon Tetrachloride	TO-15	1/16/2013		UG/M3	U	5.0
BPS1-DUP02-011613	1301315-20A	2,2,4-Trimethylpentane	TO-15	1/16/2013		UG/M3	UJ	3.7
BPS1-DUP02-011613	1301315-20A	Benzene	TO-15	1/16/2013		UG/M3	UJ	2.5

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-DUP02-011613	1301315-20A	1,2-Dichloroethane	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-DUP02-011613	1301315-20A	Heptane	TO-15	1/16/2013		UG/M3	UJ	3.2
BPS1-DUP02-011613	1301315-20A	Trichloroethene	TO-15	1/16/2013	2.9	UG/M3	J	4.2
BPS1-DUP02-011613	1301315-20A	1,2-Dichloropropane	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-DUP02-011613	1301315-20A	1,4-Dioxane	TO-15	1/16/2013		UG/M3	U	11
BPS1-DUP02-011613	1301315-20A	Bromodichloromethane	TO-15	1/16/2013		UG/M3	U	5.3
BPS1-DUP02-011613	1301315-20A	cis-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-DUP02-011613	1301315-20A	4-Methyl-2-pentanone	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-DUP02-011613	1301315-20A	Toluene	TO-15	1/16/2013	1.1	UG/M3	UJ	3.0
BPS1-DUP02-011613	1301315-20A	trans-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-DUP02-011613	1301315-20A	1,1,2-Trichloroethane	TO-15	1/16/2013		UG/M3	U	4.3
BPS1-DUP02-011613	1301315-20A	Tetrachloroethene	TO-15	1/16/2013	1.8	UG/M3	J	5.4
BPS1-DUP02-011613	1301315-20A	2-Hexanone	TO-15	1/16/2013		UG/M3	U	13
BPS1-DUP02-011613	1301315-20A	Dibromochloromethane	TO-15	1/16/2013		UG/M3	U	6.7
BPS1-DUP02-011613	1301315-20A	1,2-Dibromoethane (EDB)	TO-15	1/16/2013		UG/M3	U	6.1
BPS1-DUP02-011613	1301315-20A	Chlorobenzene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-DUP02-011613	1301315-20A	Ethyl Benzene	TO-15	1/16/2013		UG/M3	UJ	3.4
BPS1-DUP02-011613	1301315-20A	m,p-Xylene	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-DUP02-011613	1301315-20A	o-Xylene	TO-15	1/16/2013		UG/M3	UJ	3.4
BPS1-DUP02-011613	1301315-20A	Styrene	TO-15	1/16/2013		UG/M3	UJ	3.4
BPS1-DUP02-011613	1301315-20A	Bromoform	TO-15	1/16/2013		UG/M3	U	8.2
BPS1-DUP02-011613	1301315-20A	Cumene	TO-15	1/16/2013		UG/M3	U	3.9
BPS1-DUP02-011613	1301315-20A	1,1,2,2-Tetrachloroethane	TO-15	1/16/2013		UG/M3	U	5.4
BPS1-DUP02-011613	1301315-20A	Propylbenzene	TO-15	1/16/2013		UG/M3	U	3.9
BPS1-DUP02-011613	1301315-20A	4-Ethyltoluene	TO-15	1/16/2013		UG/M3	U	3.9
BPS1-DUP02-011613	1301315-20A	1,3,5-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.9
BPS1-DUP02-011613	1301315-20A	1,2,4-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.9
BPS1-DUP02-011613	1301315-20A	1,3-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.8
BPS1-DUP02-011613	1301315-20A	1,4-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.8
BPS1-DUP02-011613	1301315-20A	alpha-Chlorotoluene	TO-15	1/16/2013		UG/M3	U	4.1
BPS1-DUP02-011613	1301315-20A	1,2-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.7
BPS1-DUP02-011613	1301315-20A	1,2,4-Trichlorobenzene	TO-15	1/16/2013		UG/M3	U	23
BPS1-DUP02-011613	1301315-20A	Hexachlorobutadiene	TO-15	1/16/2013		UG/M3	U	34
BPS1-DUP02-011613	1301315-20A	Toluene-d8	TO-15	1/16/2013	97	%R		
BPS1-DUP02-011613	1301315-20A	1,2-Dichloroethane-d4	TO-15	1/16/2013	95	%R		

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-DUP02-011613	1301315-20A	4-Bromofluorobenzene	TO-15	1/16/2013	97	%R		
BPS1-FB2001-011513	1301315-21A	Freon 12	TO-15	1/15/2013	2.8	UG/M3	J	4.0
BPS1-FB2001-011513	1301315-21A	Freon 114	TO-15	1/15/2013		UG/M3	U	5.6
BPS1-FB2001-011513	1301315-21A	Chloromethane	TO-15	1/15/2013		UG/M3	U	17
BPS1-FB2001-011513	1301315-21A	Vinyl Chloride	TO-15	1/15/2013		UG/M3	U	2.0
BPS1-FB2001-011513	1301315-21A	1,3-Butadiene	TO-15	1/15/2013		UG/M3	U	1.8
BPS1-FB2001-011513	1301315-21A	Bromomethane	TO-15	1/15/2013		UG/M3	U	31
BPS1-FB2001-011513	1301315-21A	Chloroethane	TO-15	1/15/2013		UG/M3	U	8.5
BPS1-FB2001-011513	1301315-21A	Freon 11	TO-15	1/15/2013	1.4	UG/M3	J	4.5
BPS1-FB2001-011513	1301315-21A	Ethanol	TO-15	1/15/2013	900	UG/M3	J	6.1
BPS1-FB2001-011513	1301315-21A	Freon 113	TO-15	1/15/2013		UG/M3	U	6.2
BPS1-FB2001-011513	1301315-21A	1,1-Dichloroethene	TO-15	1/15/2013		UG/M3	U	3.2
BPS1-FB2001-011513	1301315-21A	Acetone	TO-15	1/15/2013	19	UG/M3	J	19
BPS1-FB2001-011513	1301315-21A	2-Propanol	TO-15	1/15/2013	5.4	UG/M3	J	7.9
BPS1-FB2001-011513	1301315-21A	Carbon Disulfide	TO-15	1/15/2013	1.2	UG/M3	U	10
BPS1-FB2001-011513	1301315-21A	3-Chloropropene	TO-15	1/15/2013		UG/M3	U	10
BPS1-FB2001-011513	1301315-21A	Methylene Chloride	TO-15	1/15/2013	1.2	UG/M3	U	28
BPS1-FB2001-011513	1301315-21A	Methyl tert-butyl ether	TO-15	1/15/2013		UG/M3	U	2.9
BPS1-FB2001-011513	1301315-21A	trans-1,2-Dichloroethene	TO-15	1/15/2013		UG/M3	U	3.2
BPS1-FB2001-011513	1301315-21A	Hexane	TO-15	1/15/2013	0.78	UG/M3	J	2.8
BPS1-FB2001-011513	1301315-21A	1,1-Dichloroethane	TO-15	1/15/2013		UG/M3	U	3.2
BPS1-FB2001-011513	1301315-21A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/15/2013		UG/M3	U	9.5
BPS1-FB2001-011513	1301315-21A	cis-1,2-Dichloroethene	TO-15	1/15/2013		UG/M3	U	3.2
BPS1-FB2001-011513	1301315-21A	Tetrahydrofuran	TO-15	1/15/2013		UG/M3	U	2.4
BPS1-FB2001-011513	1301315-21A	Chloroform	TO-15	1/15/2013		UG/M3	U	3.9
BPS1-FB2001-011513	1301315-21A	1,1,1-Trichloroethane	TO-15	1/15/2013		UG/M3	U	4.4
BPS1-FB2001-011513	1301315-21A	Cyclohexane	TO-15	1/15/2013		UG/M3	U	2.8
BPS1-FB2001-011513	1301315-21A	Carbon Tetrachloride	TO-15	1/15/2013		UG/M3	U	5.1
BPS1-FB2001-011513	1301315-21A	2,2,4-Trimethylpentane	TO-15	1/15/2013	0.67	UG/M3	J	3.8
BPS1-FB2001-011513	1301315-21A	Benzene	TO-15	1/15/2013		UG/M3	U	2.6
BPS1-FB2001-011513	1301315-21A	1,2-Dichloroethane	TO-15	1/15/2013		UG/M3	U	3.2
BPS1-FB2001-011513	1301315-21A	Heptane	TO-15	1/15/2013	1.0	UG/M3	J	3.3
BPS1-FB2001-011513	1301315-21A	Trichloroethene	TO-15	1/15/2013	3.0	UG/M3	J	4.3
BPS1-FB2001-011513	1301315-21A	1,2-Dichloropropane	TO-15	1/15/2013		UG/M3	U	3.7
BPS1-FB2001-011513	1301315-21A	1,4-Dioxane	TO-15	1/15/2013		UG/M3	U	12

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-FB2001-011513	1301315-21A	Bromodichloromethane	TO-15	1/15/2013		UG/M3	U	5.4
BPS1-FB2001-011513	1301315-21A	cis-1,3-Dichloropropene	TO-15	1/15/2013		UG/M3	U	3.6
BPS1-FB2001-011513	1301315-21A	4-Methyl-2-pentanone	TO-15	1/15/2013		UG/M3	U	3.3
BPS1-FB2001-011513	1301315-21A	Toluene	TO-15	1/15/2013	3.7	UG/M3		3.0
BPS1-FB2001-011513	1301315-21A	trans-1,3-Dichloropropene	TO-15	1/15/2013		UG/M3	U	3.6
BPS1-FB2001-011513	1301315-21A	1,1,2-Trichloroethane	TO-15	1/15/2013		UG/M3	U	4.4
BPS1-FB2001-011513	1301315-21A	Tetrachloroethene	TO-15	1/15/2013	0.95	UG/M3	J	5.5
BPS1-FB2001-011513	1301315-21A	2-Hexanone	TO-15	1/15/2013		UG/M3	U	13
BPS1-FB2001-011513	1301315-21A	Dibromochloromethane	TO-15	1/15/2013		UG/M3	U	6.8
BPS1-FB2001-011513	1301315-21A	1,2-Dibromoethane (EDB)	TO-15	1/15/2013		UG/M3	U	6.2
BPS1-FB2001-011513	1301315-21A	Chlorobenzene	TO-15	1/15/2013		UG/M3	U	3.7
BPS1-FB2001-011513	1301315-21A	Ethyl Benzene	TO-15	1/15/2013	0.60	UG/M3	J	3.5
BPS1-FB2001-011513	1301315-21A	m,p-Xylene	TO-15	1/15/2013	2.2	UG/M3	J	3.5
BPS1-FB2001-011513	1301315-21A	o-Xylene	TO-15	1/15/2013	0.55	UG/M3	J	3.5
BPS1-FB2001-011513	1301315-21A	Styrene	TO-15	1/15/2013		UG/M3	UJ	3.4
BPS1-FB2001-011513	1301315-21A	Bromoform	TO-15	1/15/2013		UG/M3	U	8.3
BPS1-FB2001-011513	1301315-21A	Cumene	TO-15	1/15/2013		UG/M3	U	4.0
BPS1-FB2001-011513	1301315-21A	1,1,2,2-Tetrachloroethane	TO-15	1/15/2013		UG/M3	U	5.5
BPS1-FB2001-011513	1301315-21A	Propylbenzene	TO-15	1/15/2013		UG/M3	U	4.0
BPS1-FB2001-011513	1301315-21A	4-Ethyltoluene	TO-15	1/15/2013	0.33	UG/M3	J	4.0
BPS1-FB2001-011513	1301315-21A	1,3,5-Trimethylbenzene	TO-15	1/15/2013		UG/M3	U	4.0
BPS1-FB2001-011513	1301315-21A	1,2,4-Trimethylbenzene	TO-15	1/15/2013		UG/M3	U	4.0
BPS1-FB2001-011513	1301315-21A	1,3-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	4.8
BPS1-FB2001-011513	1301315-21A	1,4-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	4.8
BPS1-FB2001-011513	1301315-21A	alpha-Chlorotoluene	TO-15	1/15/2013		UG/M3	U	4.2
BPS1-FB2001-011513	1301315-21A	1,2-Dichlorobenzene	TO-15	1/15/2013		UG/M3	U	4.8
BPS1-FB2001-011513	1301315-21A	1,2,4-Trichlorobenzene	TO-15	1/15/2013		UG/M3	U	24
BPS1-FB2001-011513	1301315-21A	Hexachlorobutadiene	TO-15	1/15/2013		UG/M3	U	34
BPS1-FB2001-011513	1301315-21A	Toluene-d8	TO-15	1/15/2013	98	%R		
BPS1-FB2001-011513	1301315-21A	1,2-Dichloroethane-d4	TO-15	1/15/2013	94	%R		
BPS1-FB2001-011513	1301315-21A	4-Bromofluorobenzene	TO-15	1/15/2013	96	%R		
BPS1-FB2002-011613	1301315-22A	Freon 12	TO-15	1/16/2013	2.5	UG/M3	J	3.9
BPS1-FB2002-011613	1301315-22A	Freon 114	TO-15	1/16/2013		UG/M3	U	5.5
BPS1-FB2002-011613	1301315-22A	Chloromethane	TO-15	1/16/2013		UG/M3	U	16
BPS1-FB2002-011613	1301315-22A	Vinyl Chloride	TO-15	1/16/2013		UG/M3	U	2.0

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-FB2002-011613	1301315-22A	1,3-Butadiene	TO-15	1/16/2013		UG/M3	U	1.7
BPS1-FB2002-011613	1301315-22A	Bromomethane	TO-15	1/16/2013		UG/M3	U	31
BPS1-FB2002-011613	1301315-22A	Chloroethane	TO-15	1/16/2013		UG/M3	U	8.3
BPS1-FB2002-011613	1301315-22A	Freon 11	TO-15	1/16/2013	1.3	UG/M3	J	4.4
BPS1-FB2002-011613	1301315-22A	Ethanol	TO-15	1/16/2013	5.6	UG/M3	J	6.0
BPS1-FB2002-011613	1301315-22A	Freon 113	TO-15	1/16/2013		UG/M3	U	6.0
BPS1-FB2002-011613	1301315-22A	1,1-Dichloroethene	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-FB2002-011613	1301315-22A	Acetone	TO-15	1/16/2013	8.4	UG/M3	J	19
BPS1-FB2002-011613	1301315-22A	2-Propanol	TO-15	1/16/2013	1.7	UG/M3	J	7.8
BPS1-FB2002-011613	1301315-22A	Carbon Disulfide	TO-15	1/16/2013	1.1	UG/M3	U	9.8
BPS1-FB2002-011613	1301315-22A	3-Chloropropene	TO-15	1/16/2013		UG/M3	U	9.9
BPS1-FB2002-011613	1301315-22A	Methylene Chloride	TO-15	1/16/2013	1.1	UG/M3	U	27
BPS1-FB2002-011613	1301315-22A	Methyl tert-butyl ether	TO-15	1/16/2013		UG/M3	U	2.8
BPS1-FB2002-011613	1301315-22A	trans-1,2-Dichloroethene	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-FB2002-011613	1301315-22A	Hexane	TO-15	1/16/2013		UG/M3	U	2.8
BPS1-FB2002-011613	1301315-22A	1,1-Dichloroethane	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-FB2002-011613	1301315-22A	2-Butanone (Methyl Ethyl Ketone)	TO-15	1/16/2013		UG/M3	U	9.3
BPS1-FB2002-011613	1301315-22A	cis-1,2-Dichloroethene	TO-15	1/16/2013		UG/M3	U	3.1
BPS1-FB2002-011613	1301315-22A	Tetrahydrofuran	TO-15	1/16/2013		UG/M3	U	2.3
BPS1-FB2002-011613	1301315-22A	Chloroform	TO-15	1/16/2013		UG/M3	U	3.8
BPS1-FB2002-011613	1301315-22A	1,1,1-Trichloroethane	TO-15	1/16/2013		UG/M3	U	4.3
BPS1-FB2002-011613	1301315-22A	Cyclohexane	TO-15	1/16/2013		UG/M3	U	2.7
BPS1-FB2002-011613	1301315-22A	Carbon Tetrachloride	TO-15	1/16/2013		UG/M3	U	5.0
BPS1-FB2002-011613	1301315-22A	2,2,4-Trimethylpentane	TO-15	1/16/2013		UG/M3	U	3.7
BPS1-FB2002-011613	1301315-22A	Benzene	TO-15	1/16/2013		UG/M3	U	2.5
BPS1-FB2002-011613	1301315-22A	1,2-Dichloroethane	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-FB2002-011613	1301315-22A	Heptane	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-FB2002-011613	1301315-22A	Trichloroethene	TO-15	1/16/2013		UG/M3	U	4.2
BPS1-FB2002-011613	1301315-22A	1,2-Dichloropropane	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-FB2002-011613	1301315-22A	1,4-Dioxane	TO-15	1/16/2013		UG/M3	U	11
BPS1-FB2002-011613	1301315-22A	Bromodichloromethane	TO-15	1/16/2013		UG/M3	U	5.3
BPS1-FB2002-011613	1301315-22A	cis-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-FB2002-011613	1301315-22A	4-Methyl-2-pentanone	TO-15	1/16/2013		UG/M3	U	3.2
BPS1-FB2002-011613	1301315-22A	Toluene	TO-15	1/16/2013	3.3	UG/M3		3.0
BPS1-FB2002-011613	1301315-22A	trans-1,3-Dichloropropene	TO-15	1/16/2013		UG/M3	U	3.6

NWIRP BETHPAGE, BETHPAGE, NY
SITE 1
DATA SUMMARY TABLE
AIR
SDG: 1301315

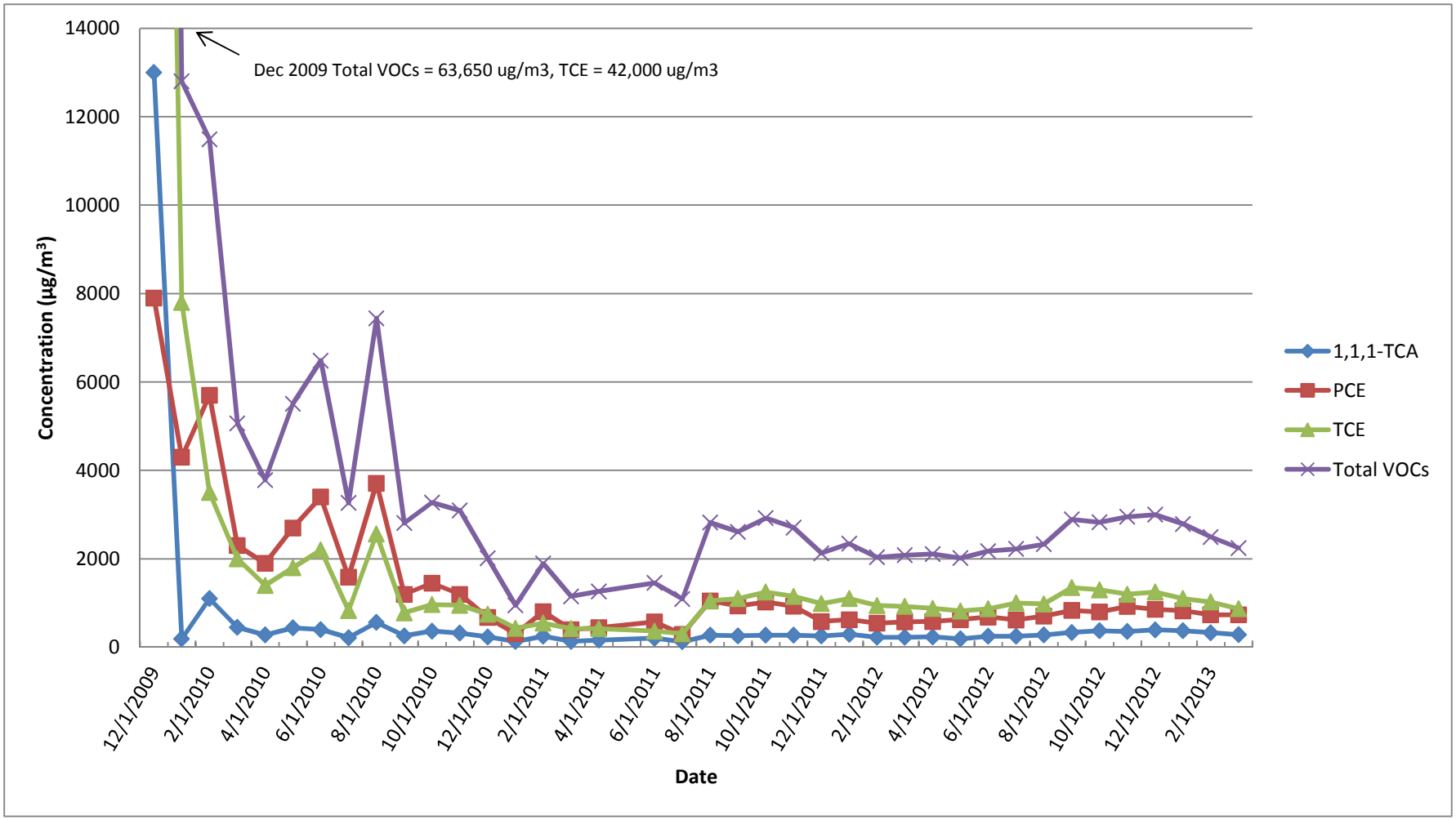
Sample Name	Lab ID	Analytical Name	Analytical Method	Sample Date	Result	Unit	Qualifier	RL
BPS1-FB2002-011613	1301315-22A	1,1,2-Trichloroethane	TO-15	1/16/2013		UG/M3	U	4.3
BPS1-FB2002-011613	1301315-22A	Tetrachloroethene	TO-15	1/16/2013		UG/M3	U	5.4
BPS1-FB2002-011613	1301315-22A	2-Hexanone	TO-15	1/16/2013		UG/M3	U	13
BPS1-FB2002-011613	1301315-22A	Dibromochloromethane	TO-15	1/16/2013		UG/M3	U	6.7
BPS1-FB2002-011613	1301315-22A	1,2-Dibromoethane (EDB)	TO-15	1/16/2013		UG/M3	U	6.1
BPS1-FB2002-011613	1301315-22A	Chlorobenzene	TO-15	1/16/2013		UG/M3	U	3.6
BPS1-FB2002-011613	1301315-22A	Ethyl Benzene	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-FB2002-011613	1301315-22A	m,p-Xylene	TO-15	1/16/2013	1.8	UG/M3	J	3.4
BPS1-FB2002-011613	1301315-22A	o-Xylene	TO-15	1/16/2013		UG/M3	U	3.4
BPS1-FB2002-011613	1301315-22A	Styrene	TO-15	1/16/2013		UG/M3	UJ	3.4
BPS1-FB2002-011613	1301315-22A	Bromoform	TO-15	1/16/2013		UG/M3	U	8.2
BPS1-FB2002-011613	1301315-22A	Cumene	TO-15	1/16/2013		UG/M3	U	3.9
BPS1-FB2002-011613	1301315-22A	1,1,2,2-Tetrachloroethane	TO-15	1/16/2013		UG/M3	U	5.4
BPS1-FB2002-011613	1301315-22A	Propylbenzene	TO-15	1/16/2013		UG/M3	U	3.9
BPS1-FB2002-011613	1301315-22A	4-Ethyltoluene	TO-15	1/16/2013	0.63	UG/M3	J	3.9
BPS1-FB2002-011613	1301315-22A	1,3,5-Trimethylbenzene	TO-15	1/16/2013		UG/M3	U	3.9
BPS1-FB2002-011613	1301315-22A	1,2,4-Trimethylbenzene	TO-15	1/16/2013	1.0	UG/M3	J	3.9
BPS1-FB2002-011613	1301315-22A	1,3-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.8
BPS1-FB2002-011613	1301315-22A	1,4-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.8
BPS1-FB2002-011613	1301315-22A	alpha-Chlorotoluene	TO-15	1/16/2013		UG/M3	U	4.1
BPS1-FB2002-011613	1301315-22A	1,2-Dichlorobenzene	TO-15	1/16/2013		UG/M3	U	4.7
BPS1-FB2002-011613	1301315-22A	1,2,4-Trichlorobenzene	TO-15	1/16/2013		UG/M3	U	23
BPS1-FB2002-011613	1301315-22A	Hexachlorobutadiene	TO-15	1/16/2013		UG/M3	U	34
BPS1-FB2002-011613	1301315-22A	Toluene-d8	TO-15	1/16/2013	103	%R		
BPS1-FB2002-011613	1301315-22A	1,2-Dichloroethane-d4	TO-15	1/16/2013	94	%R		
BPS1-FB2002-011613	1301315-22A	4-Bromofluorobenzene	TO-15	1/16/2013	103	%R		

APPENDIX C

VAPOR CONCENTRATION TREND GRAPHS

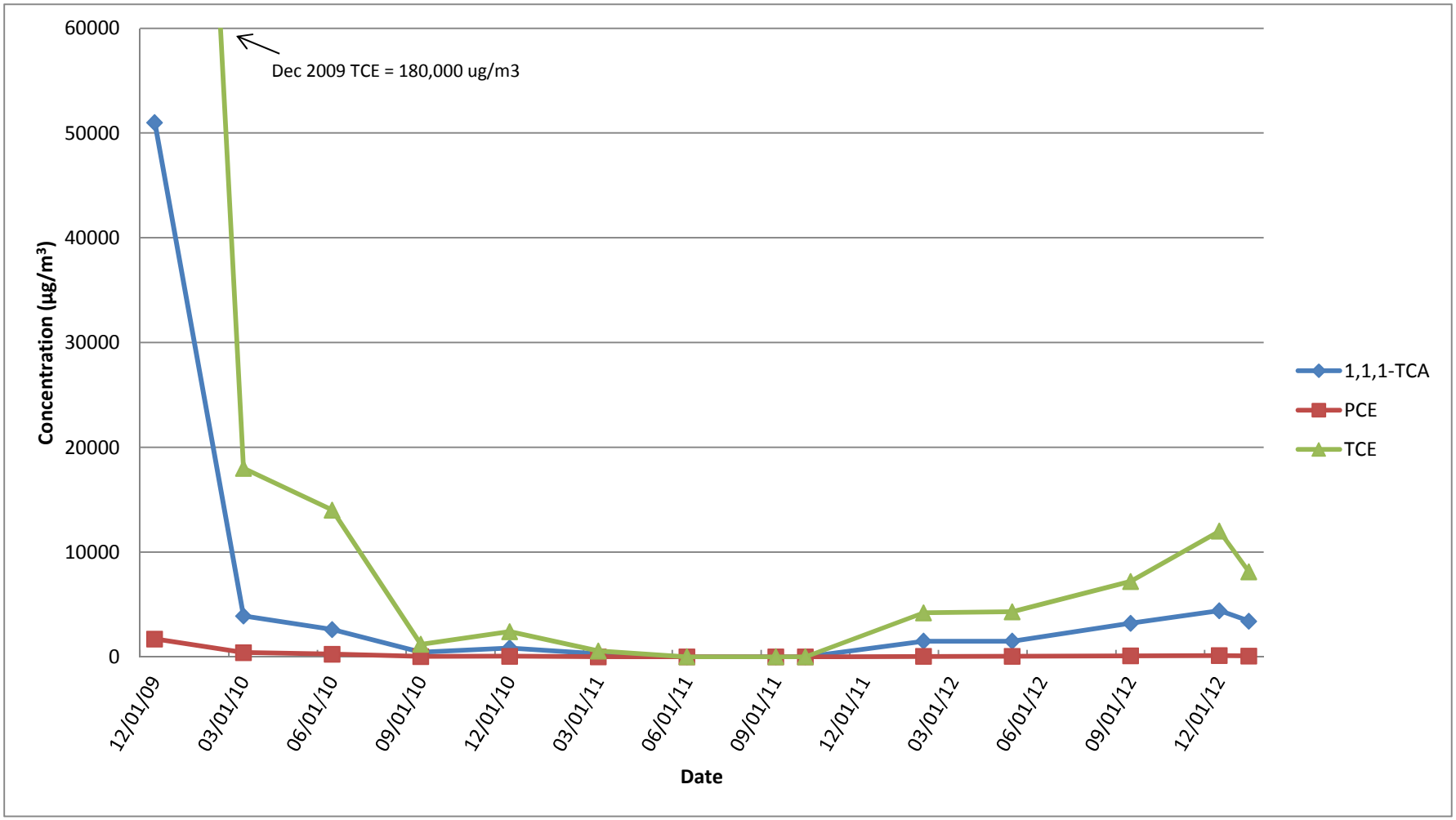
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Vapor Concentration Trends of Select and Total VOCs

COMBINED INFLUENT



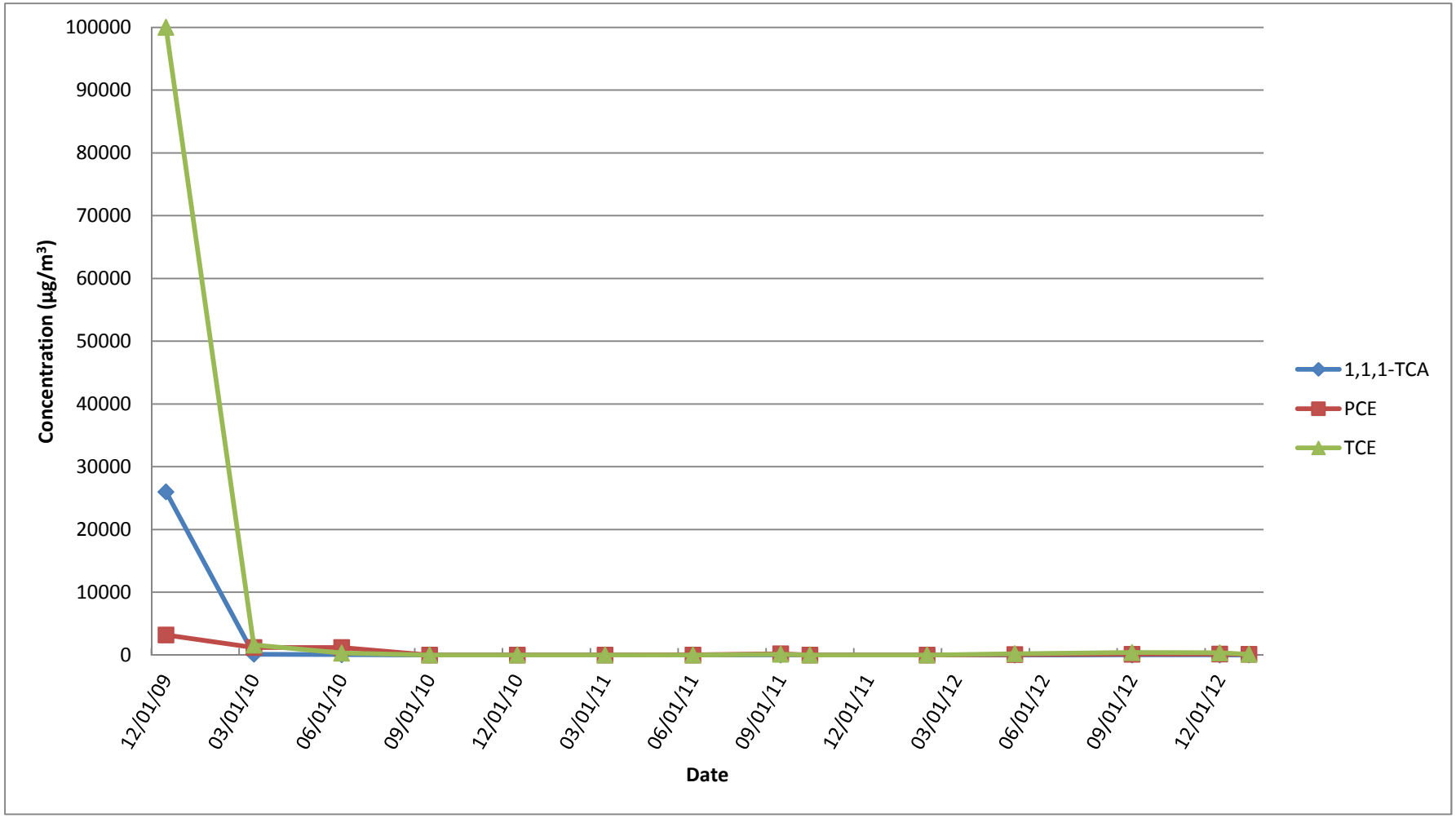
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Groundwater Concentration Trends of Select VOCs

SV-101I



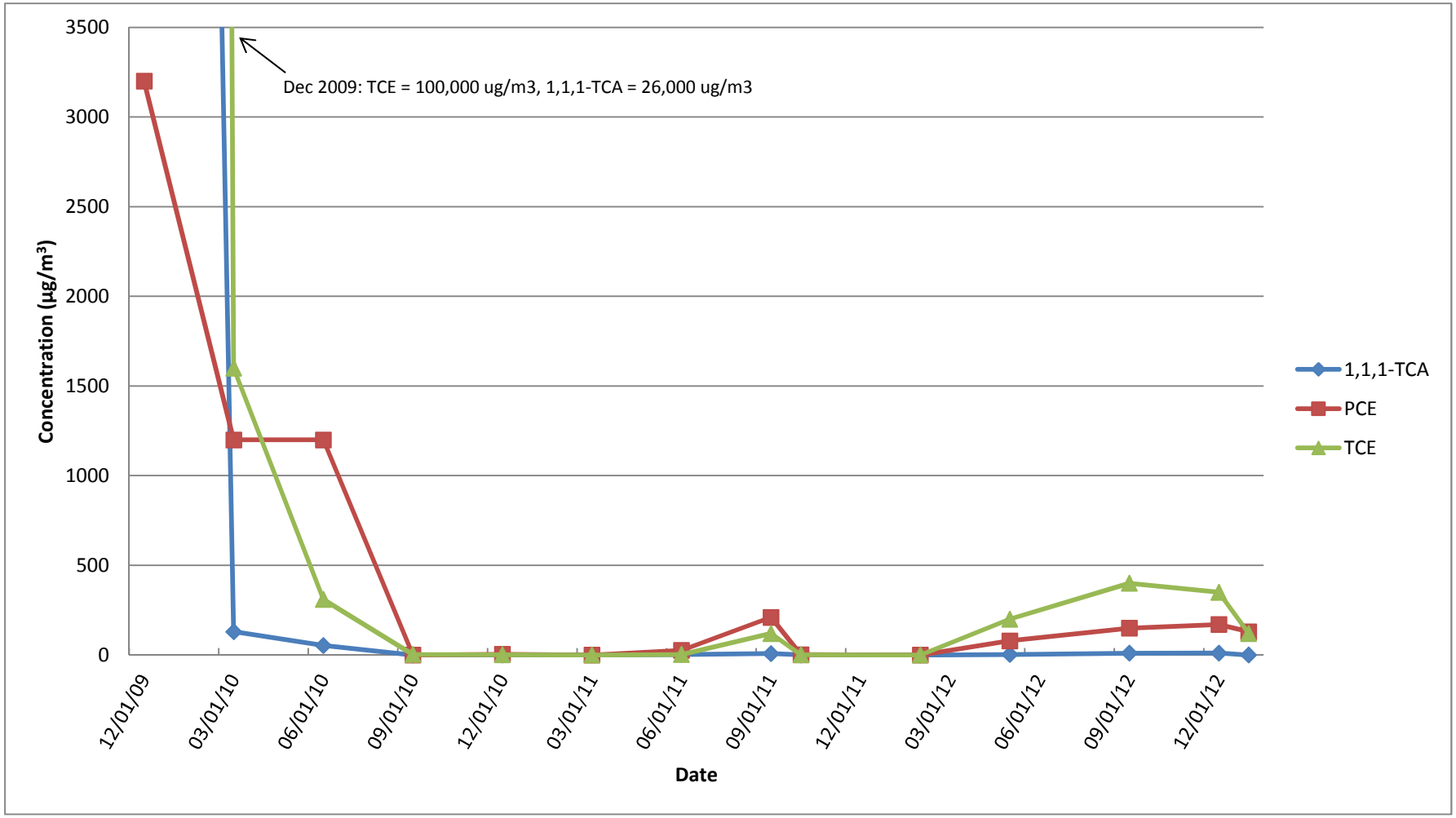
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Groundwater Concentration Trends of Select VOCs

SV-101D



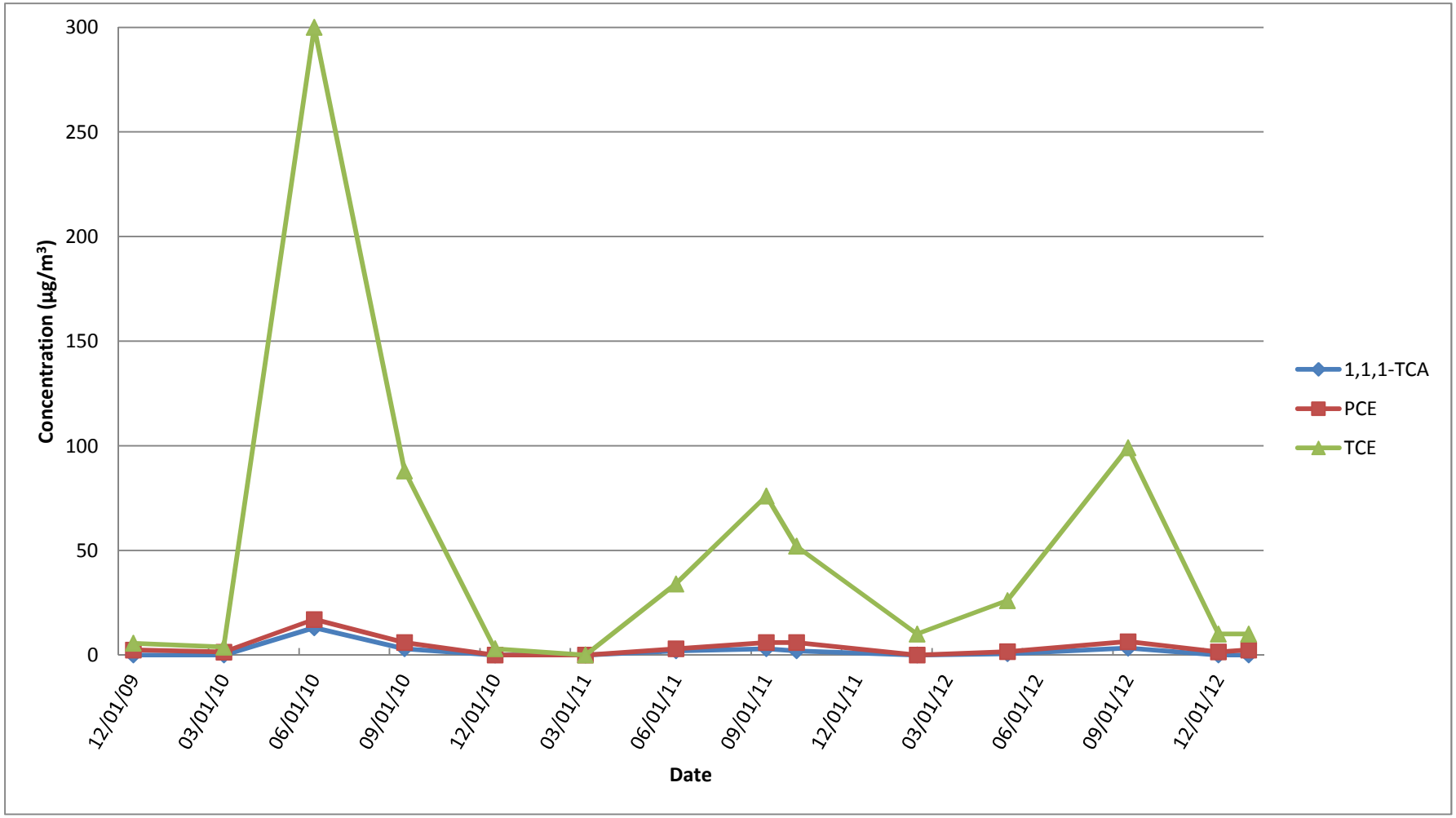
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Groundwater Concentration Trends of Select VOCs

SV-101D (smaller scale)



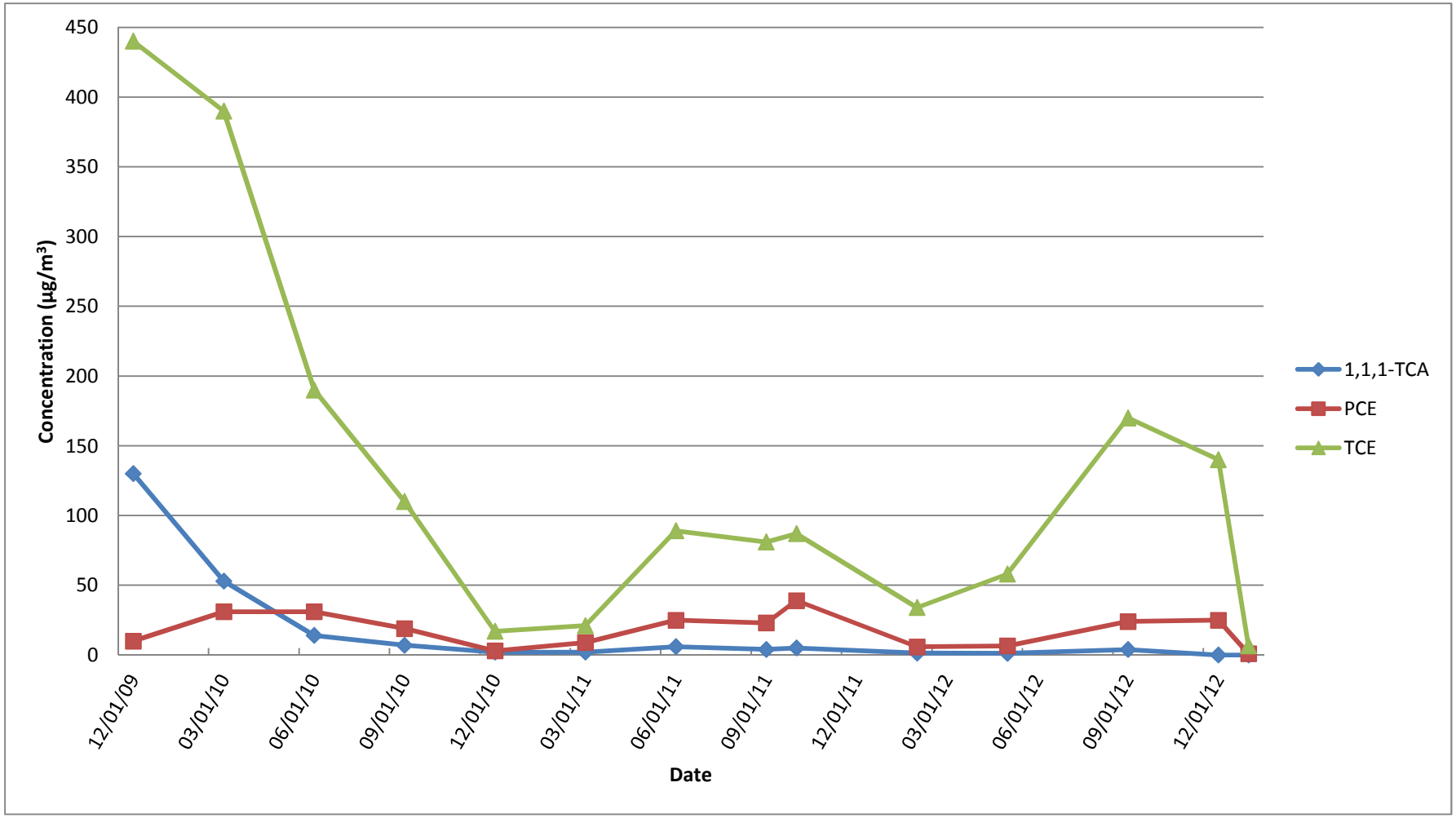
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Groundwater Concentration Trends of Select VOCs

SV102I



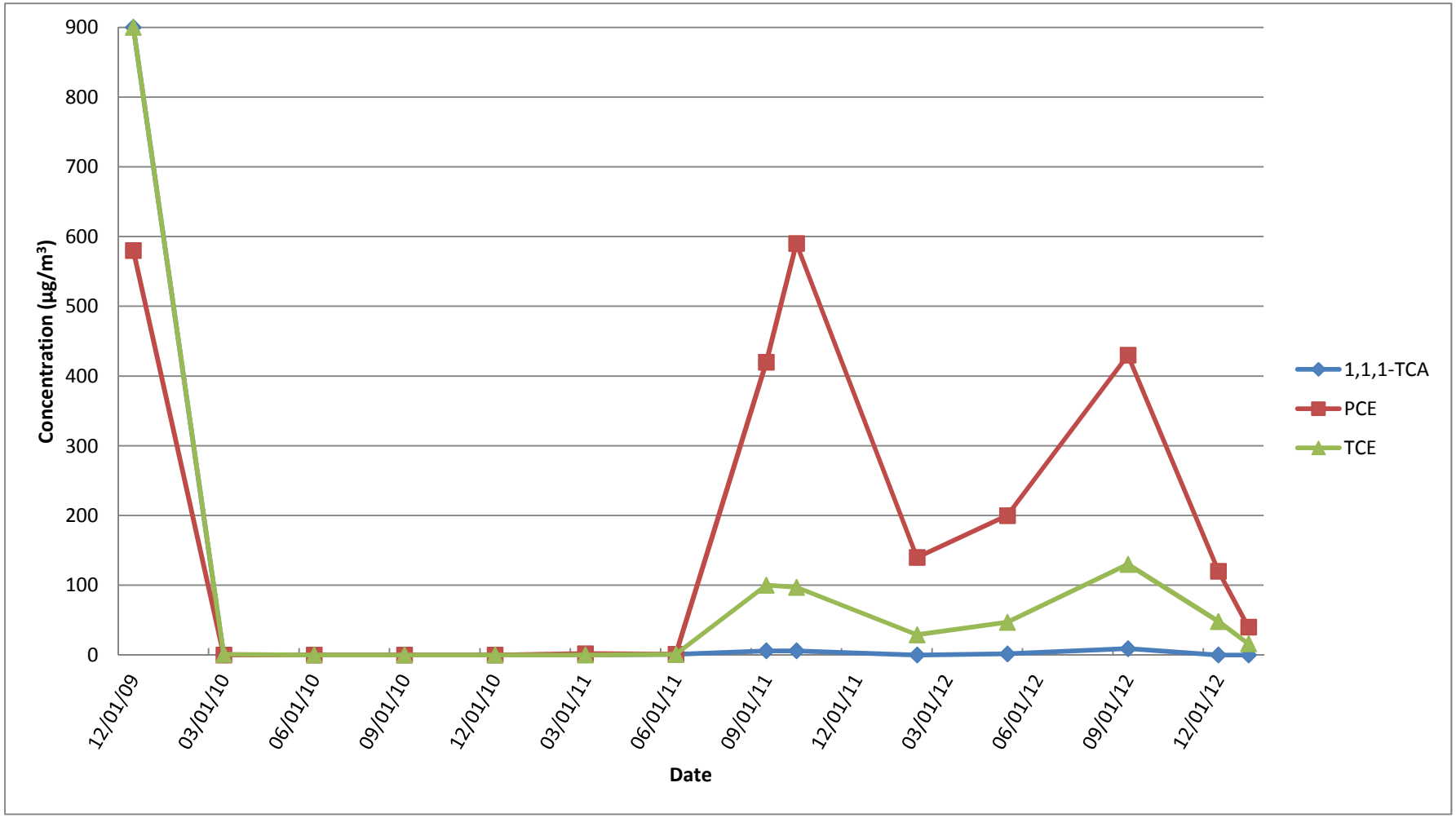
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Groundwater Concentration Trends of Select VOCs

SV-102D



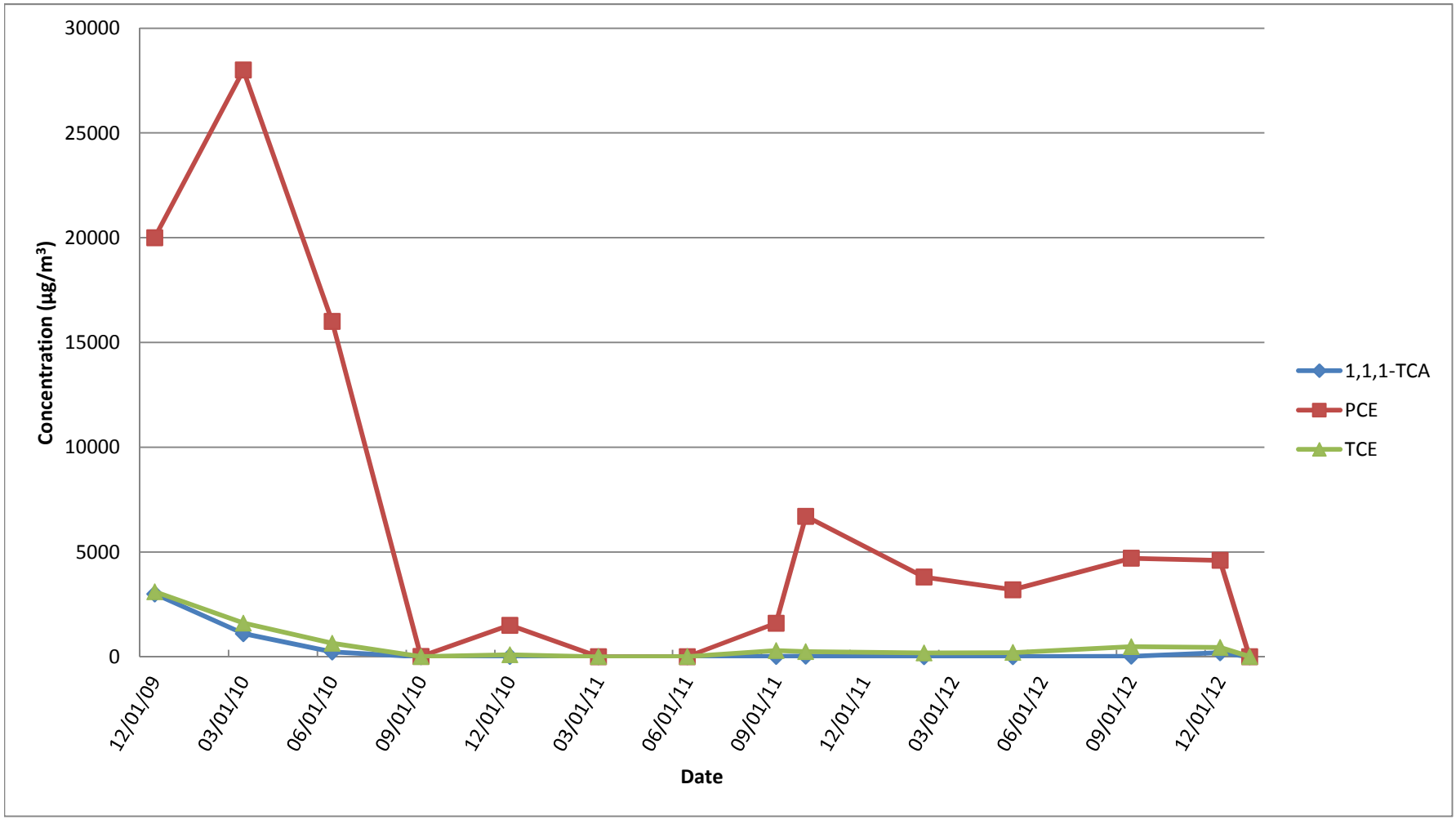
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Groundwater Concentration Trends of Select VOCs

SV-103I



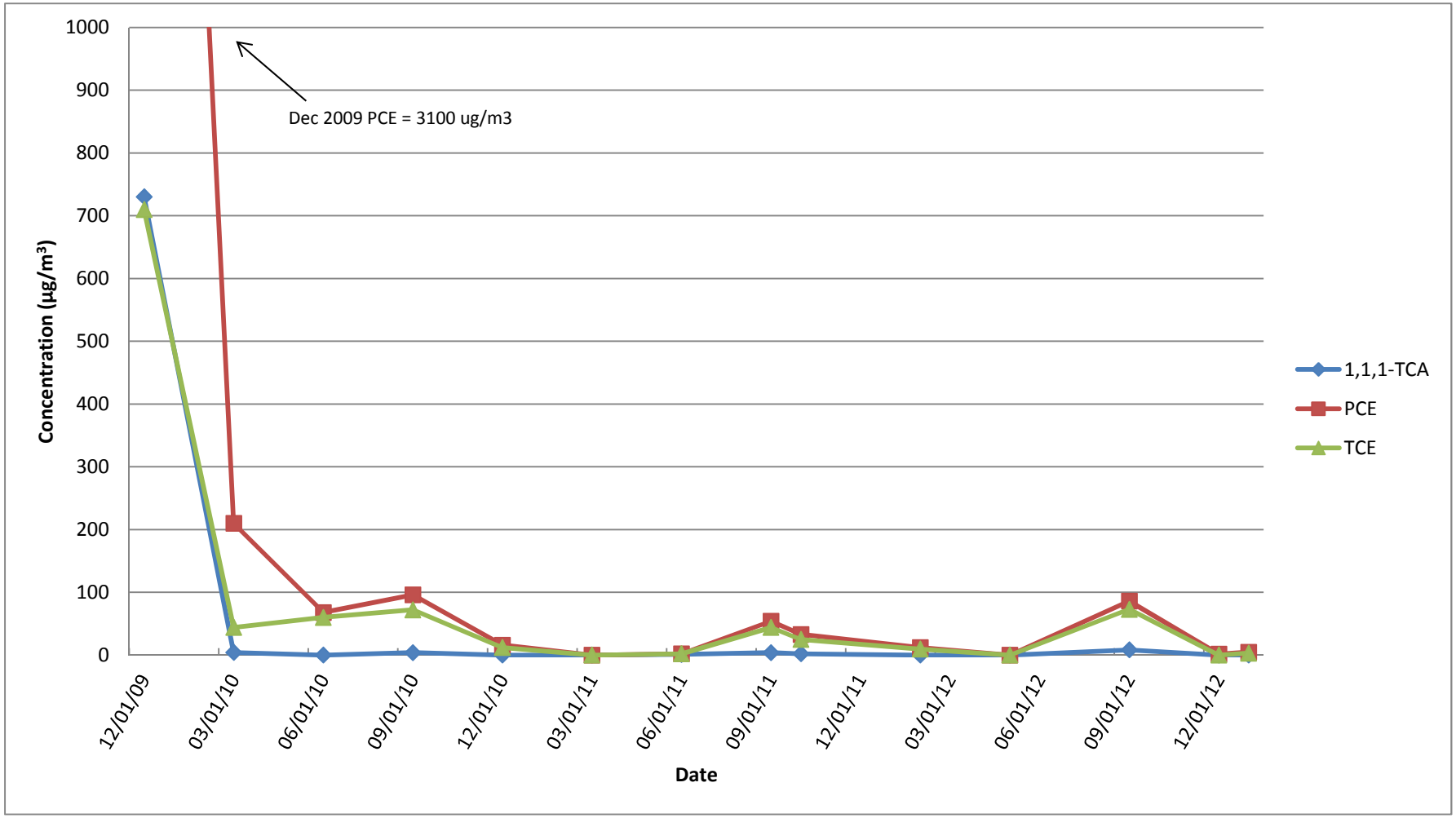
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Groundwater Concentration Trends of Select VOCs

SV103D



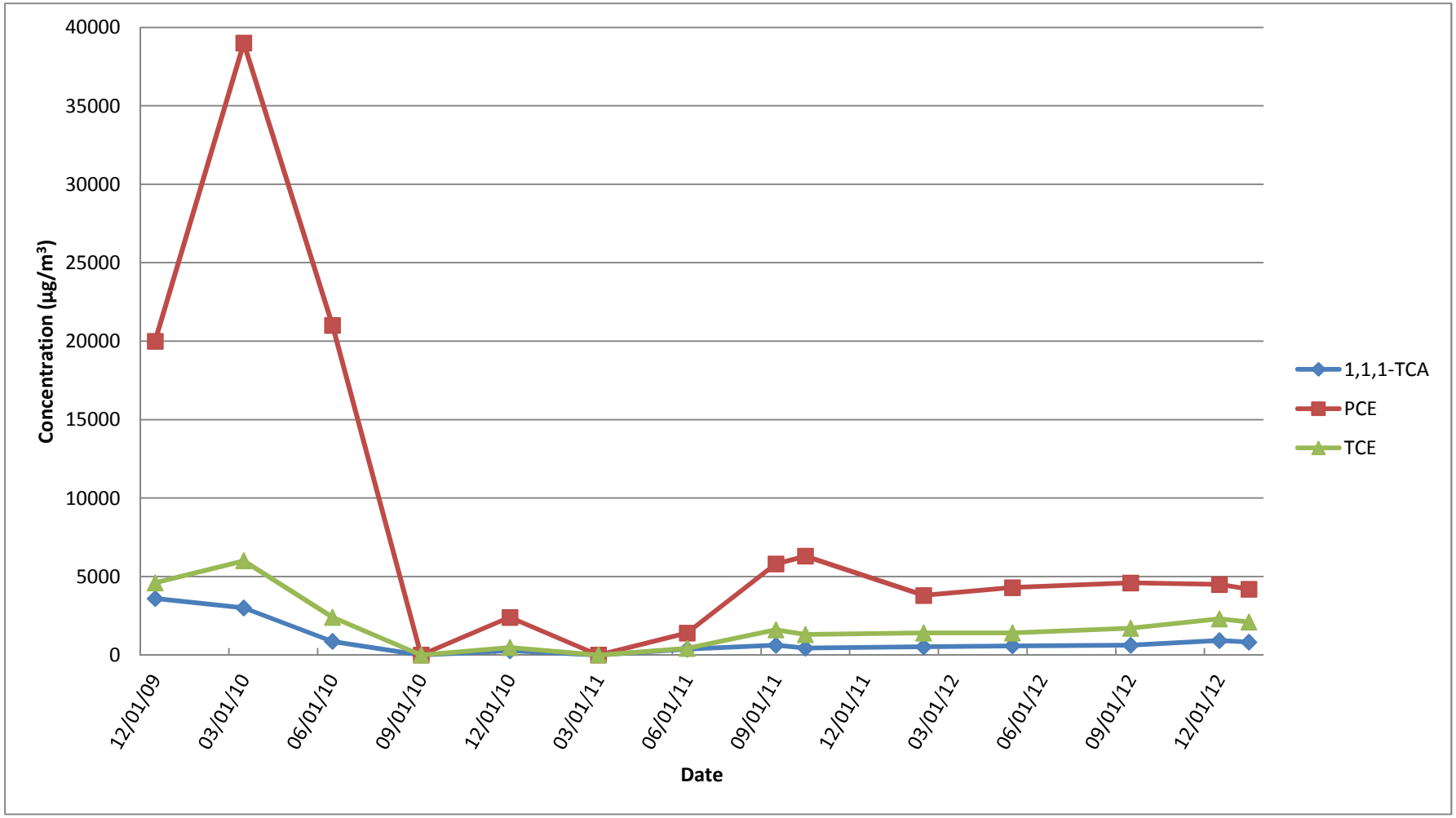
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Groundwater Concentration Trends of Select VOCs

SV104I



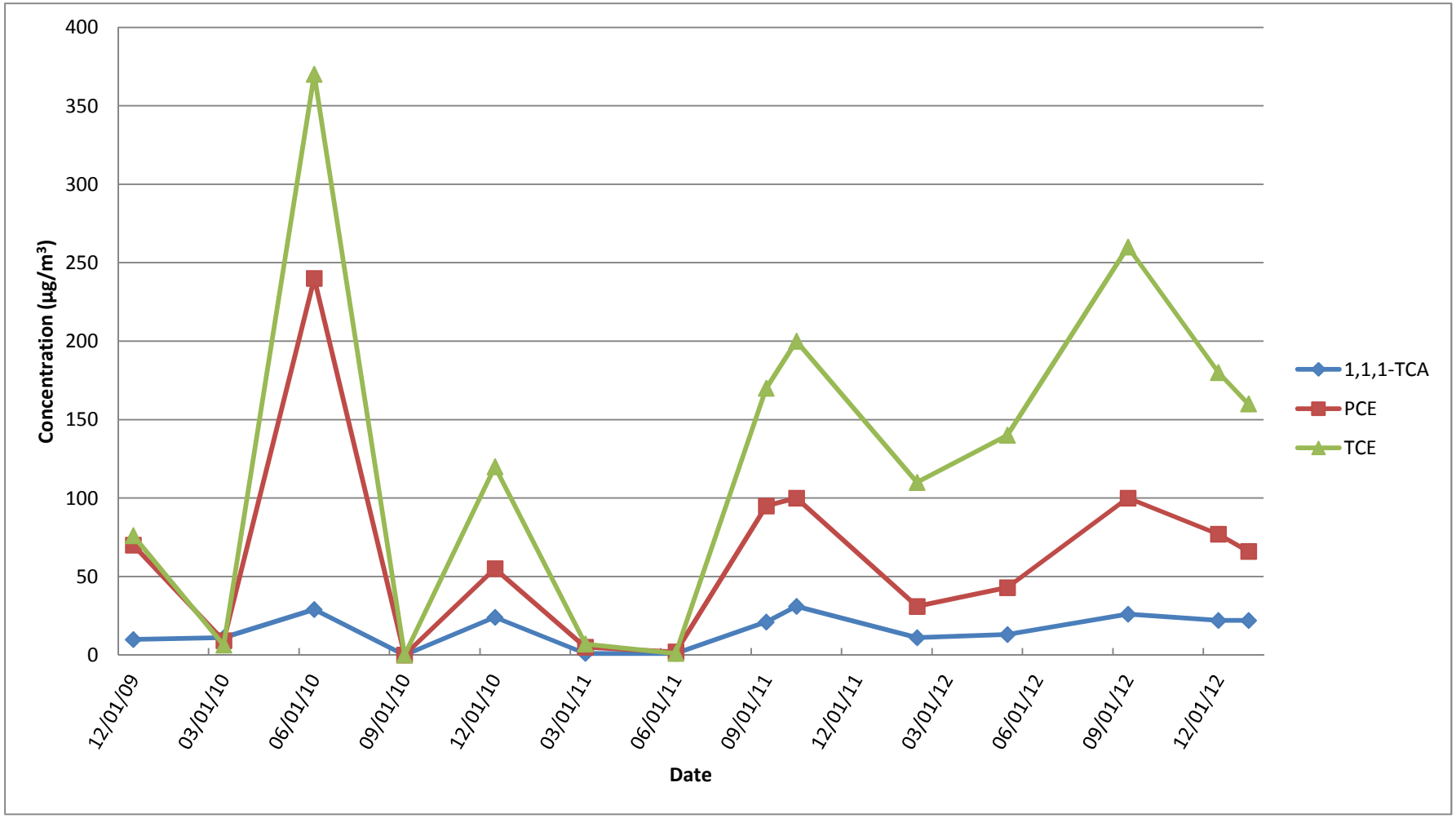
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Groundwater Concentration Trends of Select VOCs

SV-104D



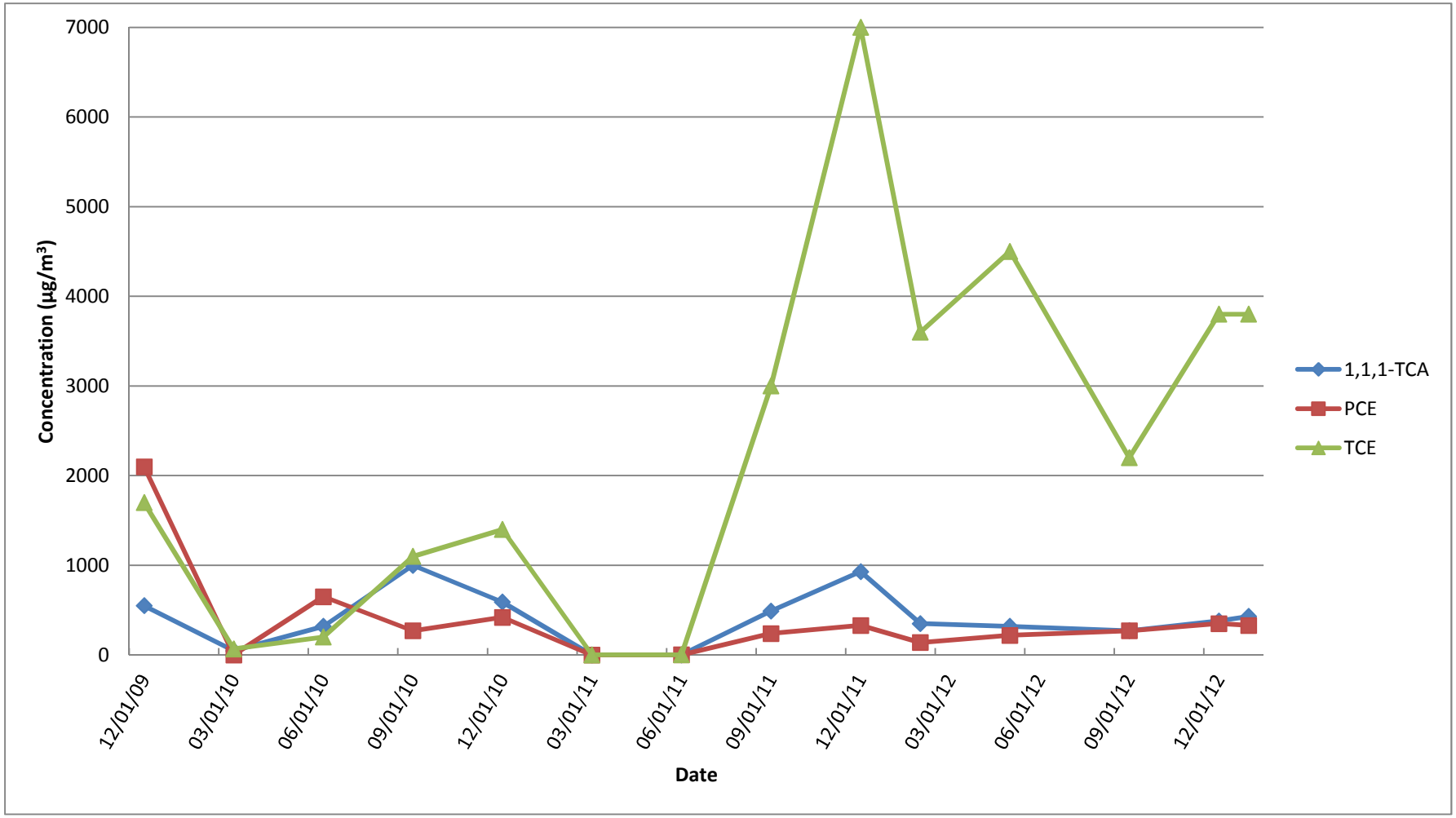
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Groundwater Concentration Trends of Select VOCs

SV-105I



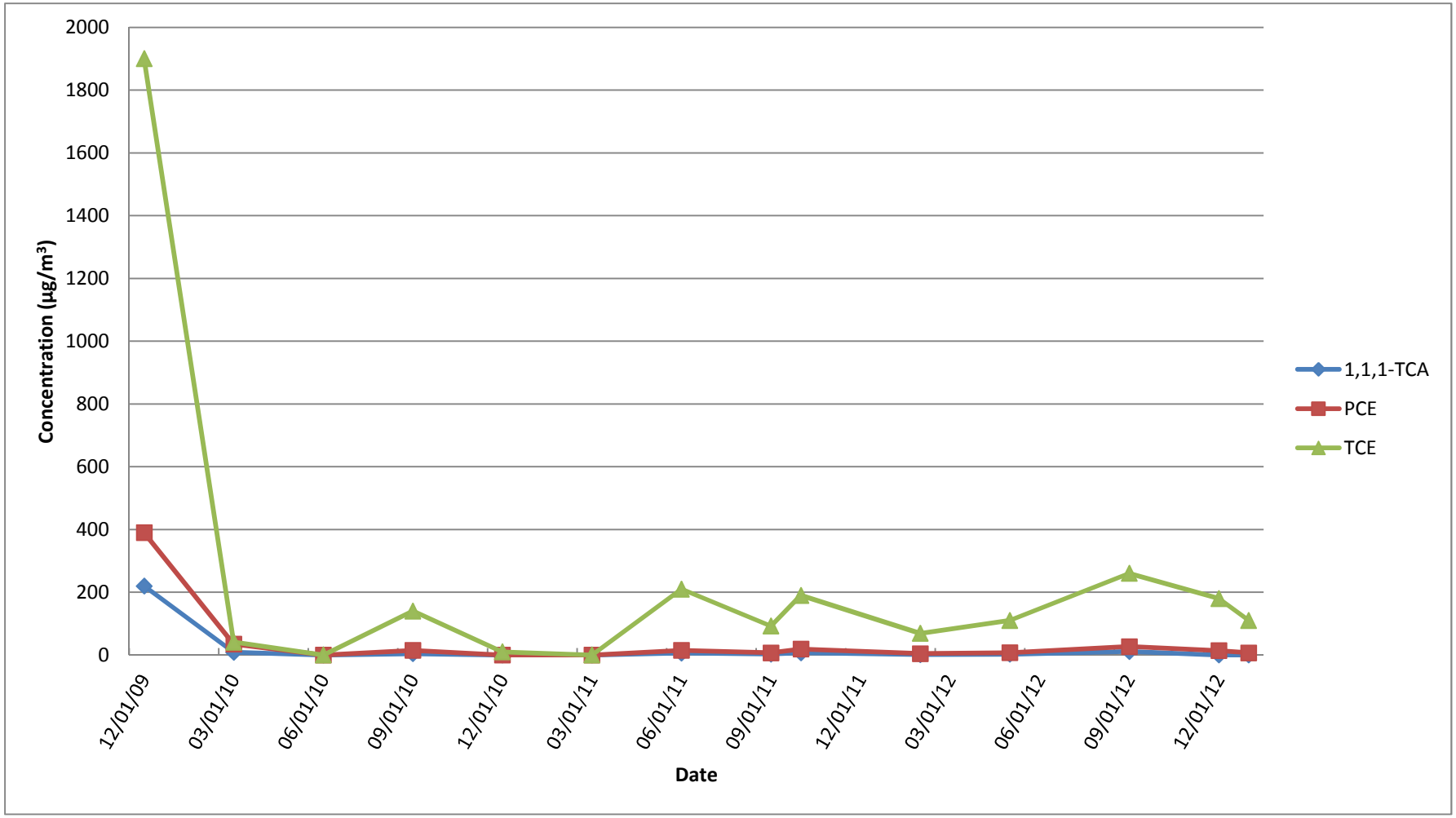
Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Groundwater Concentration Trends of Select VOCs

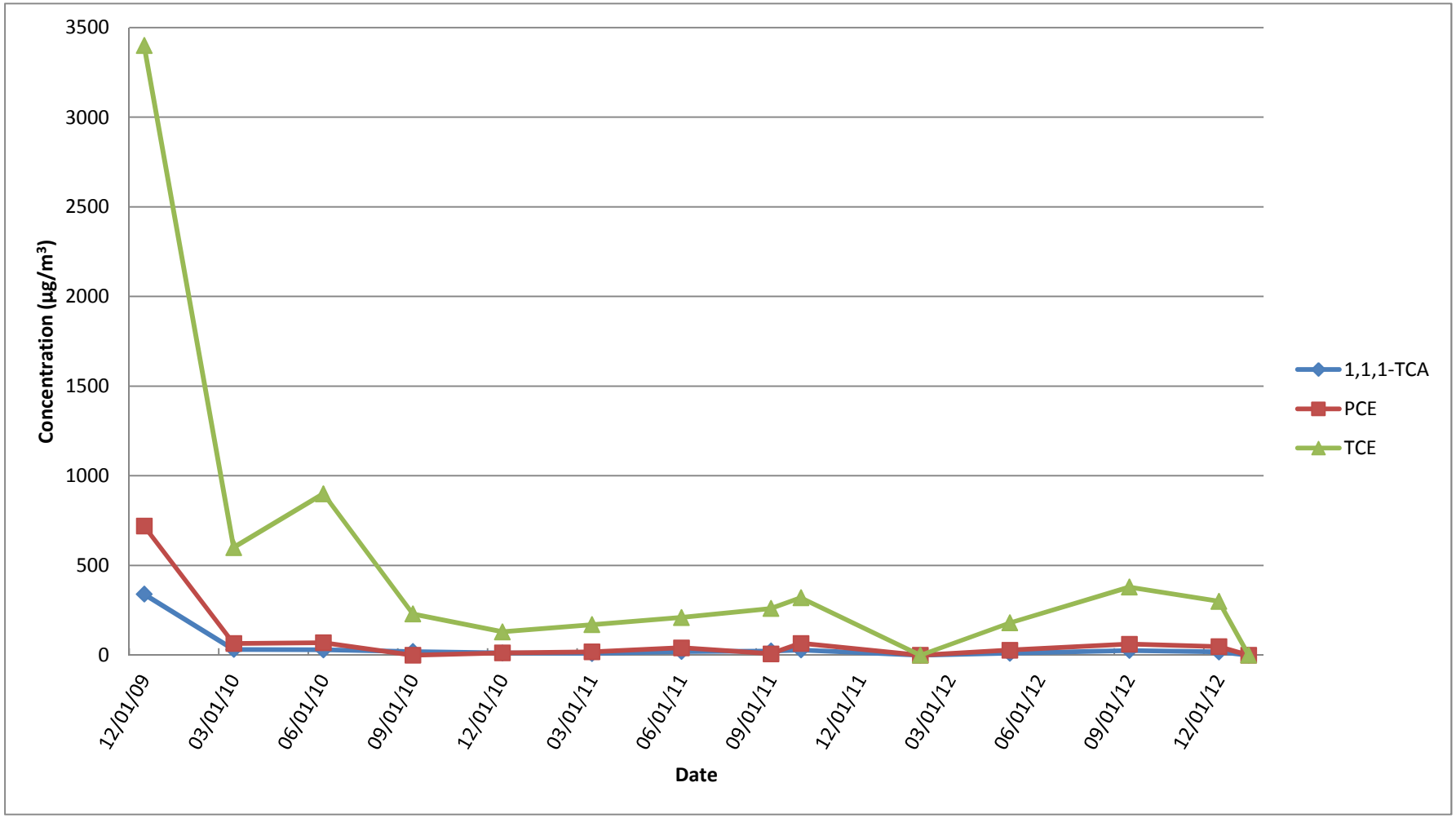
SV-105D



Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Groundwater Concentration Trends of Select VOCs

SV-106I



Soil Vapor Extraction Containment System
Site 1, Former Drum Marshalling Yard
Naval Weapons Industrial Reserve Plant - Bethpage, NY
Groundwater Concentration Trends of Select VOCs

SV-106D