Former CAMCO Site
2125 Smithtown Avenue, Ronkonkoma
SUFFOLK COUNTY, NEW YORK

Construction Completion Report

NYSDEC Site Number: 152206

Prepared for:

Town of Islip
Department of Aviation and Transportation
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Construction Completion Report

Former CAMCO Site
2125 Smithtown Avenue
Ronkonkoma, New York

Index #A1-0627-12-09
Site #152206

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STATE OF NEW YORK
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LICENSED PROFESSIONAL ENGINEER

4/30/15

"I, Dale C. Konas, P.E. am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the "Soil Interim Remedial Measure Work Plan (IRMWP) dated October 24, 2014", prepared by EnviroTrac Engineering PE PC and approved by the New York State Department of Environmental Conservation (NYSDEC) in correspondence dated October 29, 2014 was implemented and that all construction activities were completed in substantial conformance with the IRMWP."

4/30/15
Date

EnviroTrac
Environmental Services

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LIST OF ACRONYMS

Acronym	Definition	Acronym	Definition
oC	Degrees Celsius	NM	Not Measured
oF	Degrees Fahrenheit	NTU	Nephelometric Turbidity Unit
1,1-DCE	1,1-Dichloroethene	NYSDEC	New York State Department of Environmental Conservation
1,2-DCE	1,2-Dichloroethene	NYSDOH	New York State Department of Health
ASP	Analytical Services Protocol	PAH	Paracyclic Aromatic Hydrocarbon
AWQC	Ambient Water Quality Criteria	PCB	Polychlorinated Biphenyl
CAMCO	Central Aviation & Marine Corporation	PCE	Tetrachloroethene
CAMP	Community Air Monitoring Plan	ORP	Oxidation Reduction Potential
cm	Centimeter	PID	Photoionization Detector
CAS	Chemical Abstracts Service	PPB	Parts per Billion
CCR	Construction Completion Report	PPM	Parts per Million
DER-10	DER-10 Technical Guidance Document	QA	Quality Assurance
DOD	Dissolved Oxygen Demand	QA/QC	Quality Assurance/Quality Control
DO	Dissolved Oxygen	QAPP	Quality Assurance Project Plan
DOC	Dissolved Organic Carbon	QC	Quality Control
DUSR	Data Usability Summary Report	QL	Quantitation Limit
EDD	Electronic Data Deliverable	RAO	Remedial Action Objective
EQuIS	Electronic Quality Information System	RL	Reporting limit
EnviroTrac	EnviroTrac Ltd.	SCO	Soil Cleanup Objective
ft	Feet	SVOC	Semivolatile Organic Compound
HASP	Health and Safety Plan	TAL	Target Analyte List
IRM	Interim Remedial Measure	TCE	Trichloroethene
LNAPL	Light Non-aqueous Phase Liquid	TCL	Target Compound List
m	Meter	TOGS	Technical & Operational Guidance Series
MDL	Method Detection Limit	TOI	Town of Islip
mg/kg	Milligrams per Kilogram	ug/L	Micrograms Per Liter
mg/L	Milligrams per Liter	ug/kg	Micrograms per Kilogram
mS	Millisiemens	ug/L	Micrograms per Liter
MSL	Mean Sea Level	ug/m3	Micrograms per Cubic Meter
MS/MSD	Matrix Spike/Matrix Spike Duplicate	uS	Micro Siemen
mV	Millivolt	VC	Vinyl Chloride
NA	Not Applicable	VOC	Volatile Organic Compound
ND	Not Detected		

1.0 INTRODUCTION

This Construction Completion Report (CCR) documents the implementation of the Interim Remedial Measure (IRM) for soil at the Former Central Aviation & Marine Corporation (CAMCO) site (Site), NYSDEC Site #152206, Index #A1-0627-12-091-30-074, in Ronkonkoma, Suffolk County, New York. The IRM was implemented in accordance with the "Soil Interim Remedial Measure Work Plan – dated October 21, 2014" (IRMWP) which was approved by the New York State Department of Environmental Conservation (NYSDEC) on October 29, 2014. The IRM was performed to remediate impacted soils found at the Site as a result of previously conducted investigative work phases.

On March 30, 2010, the Town of Islip (TOI) entered into an Order on Consent and Administrative Settlement with the NYSDEC. The 2.65-acre property is currently listed in the Register of Inactive Hazardous Waste Disposal Sites in New York State as Site Number HS 1006. The Site is also listed in the New York State Registry of Inactive Hazardous Waste Sites (the "Registry") with a classification "P" pursuant to Environmental Conservation Law § 27-1305. This CCR has been prepared in accordance with Division of Environmental Remediation (DER), Technical Guidance for Site Investigation and Remediation (DER-10), Section 5.8, and is organized by the following sections:

- Section 1 – Introduction: This section provides a discussion of the breakdown of the sections comprising this CCR;
- Section 2 – Site Description and Background: This section provides a description of the location of the Site and features and the results of the remedial investigations conducted at the Site;
- Section 3 – IRM Objective and Summary: This section summarizes the remedial action objectives of the IRM, the completed IRM and describes any required IRMWP modifications;
- Section 4 – Remedy Implementation: This section describes pre implementation activities, mobilization, site preparation and temporary controls, air monitoring activities, and the implementation of the IRM, including waste characterization and disposal;
- Section 5 – Site Restoration: This section describes the restoration of the Site after implementation of the IRM;

- Section 6 – Conclusions: This section summarizes the conclusions developed based on implementation of the IRM; and
- Section 7 – References: This section documents the references utilized to generate the CCR. These sections are further described below.

2.0 SITE DESCRIPTION AND BACKGROUND

2.1 Site Location

The 2125 Smithtown Avenue, Ronkonkoma Site is located in the County of Suffolk, New York and is identified as Section 106, Block 1 and Lot 6.6 on the TOI Tax Map Section 106. The Site is situated on an approximately 2.65-acre area bounded by aviation related facilities associated with Long Island MacArthur Airport to the north and south, LI MacArthur Airport runways to the east, and Smithtown Avenue to the west (see Figure 2 -1).

The Site consists of two parcels, measuring approximately 2.03 acres and 0.62 acres, respectively (Figure 2-2). The latitude and longitude coordinates for the approximate center of the Site are 40° 47' 56.8'' north and 73° 6' 31.7'' west, respectively. The boundaries of the Site are fully described in Appendix A.

2.2 Site History

From approximately 1936 until 1996 CAMCO leased this property from the Town of Islip. During its occupation at the Site CAMCO operated a repair and overhaul shop for aircraft parts and accessories. Prior to 1980 the CAMCO's facility's wastewater discharged on site to a series of leaching pools and storm drains. From the early 1980s to 1996 CAMCO treated, containerized and transferred operational wastewater to an off-site recycling or disposal facility. Sanitary wastes were discharged to cesspools located east of the main building and west of the smaller structure. During operation, electricity, natural gas and potable water were supplied to the Site by off-site providers.

The larger parcel (designated Parcel A) formerly was comprised of a one and two story wood frame structure and a small wood-frame shed that occupied an area of approximately 50,000 square feet. This area was historically utilized as a repair shop for overhauling and repairing aircraft accessories and turbine engines. The TOI demolished the structures in late 2011 and Parcel A currently consists entirely of vacant land. The IRM will be conducted in the vicinity of the drum storage area that was located in a courtyard in the western portion of the former building.

The smaller parcel (Parcel B) is comprised of a one-story steel frame building that occupies an area of approximately 13,000 square feet. The building is currently unoccupied and is used for storage. The remainder of the area consists of asphalt pavement. None of the IRM activities will be conducted at Parcel B.

Work is being conducted at the Site in accordance with project scoping submittals approved by the NYSDEC including the Site Characterization and Investigation Work Plan (Work Plan), dated October 12, 2011 and the Supplemental Site Characterization and Investigation Work Plan (Supplemental Work Plan), dated August 17, 2012.

Testing conducted at the Site has included collection of soil, soil vapor and groundwater samples and analysis of field parameters and quantification of chemical compound concentrations in the laboratory. In addition, water level data recorded at monitoring wells installed at, and in close proximity to, the Site has been used to assess groundwater flow direction and hydraulic gradient in the vicinity of the Site.

Remediation at the Site was conducted through implementation of the Soil Interim Remedial Measure Work Plan (IRM Work Plan), dated October 24, 2014, that provides the rationale and proposed procedures that were used to excavate soil, located in the vicinity of a former on-site drum storage area, that has been found to contain volatile organic compounds (VOCs) at concentrations exceeding the 6NYCRR Part 375 - Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives (Unrestricted Use SCOs).

2.3 Summary of Site Investigation Results

Results of prior testing conducted during the RI revealed the presence of chemical constituents in site media samples, most notably petroleum-related and chlorinated volatile organic compounds (VOCs). Prior submittals presenting results of testing conducted in accordance with the approved work plans include the following documents:

- Draft Site Characterization and Investigation Report (draft Report) - April 2012;
- Supplemental Investigation Phase I Results Report (Phase I Report) - November 19, 2012;

- Supplemental Investigation Phase II Results Report (Phase II Report) - September 27, 2013; and
- Supplemental Investigation Phase III Results Report (Phase III Report) - June 27, 2014.

Following review of the Phase II report the NYSDEC requested that the TOI implement additional investigation consisting of the Phase III testing specified in the Supplemental Work Plan. The Phase III work scope included performance of a focused evaluation in the vicinity of a former drum storage area at Parcel A where anomalous levels of VOCs have been found in soil vapor as noted in the prior reporting. Results of that follow-up work were provided to the NYSDEC in the Phase III Report. Based on findings, the performance of a non-emergency soil IRM was recommended.

Testing locations and the general direction of groundwater flow at the Site are provided in Figure 2-3. In general, the water table was encountered at a depth of approximately 53 feet below land surface and the direction of groundwater flow was to the southwest under a hydraulic gradient of approximately 0.002 ft/ft as presented in the Draft Site Characterization and Investigation Report, dated April 2012.

Appendix B provides information and summarized media sampling results pertaining to testing previously conducted at the Site, as provided in the reports noted above. The Soil IRM was deemed appropriate and warranted based on the results of this testing.

2.4 Summary of Sampling Conducted at the Soil IRM Location

The decision to conduct an IRM to address soil containing VOCs at levels exceeding regulatory criteria was based on testing of soil vapor, soil and groundwater. Results of that testing revealed a localized area of contamination within the shallow soil in the vicinity of a former drum storage area associated with historic operations at Parcel A.

2.4.1 Soil Vapor

Soil vapor samples collected at the Site on four occasions (March 2008, February 2012, August 2012, June/July 2013) have been shown to contain a variety of volatile

chemicals. Anomalous concentrations of VOCs were found in soil vapor at the former drum storage area, relative to testing conducted at other locations across the Site. The principal constituents and maximum concentration found at this location (soil gas monitoring point SG-7R) during the most recent testing included trichlorothene (80,000 ug/m^3), cis-1,2-dichloroethene (29,000 ug/m^3), and tetrachloroethene (4,500 ug/m^3). In comparison, the maximum concentrations of these compounds found at other Parcel A locations during the same monitoring event were far lower (100 ug/m^3, 0.76 ug/m^3 and 210 ug/m^3, respectively).

2.4.2 Soil

Testing conducted in late 2011 during the initial phase Work Plan implementation included the collection of soil samples and analysis for a comprehensive list of organic and inorganic constituents. Soil samples were collected from three locations (SB-1, SB-2 and SB-3) within, and in the near vicinity of, the area where the Soil IRM was conducted. None of the results exceeded the unrestricted SCOs for VOCs.

Based on the anomalous levels of VOCs in soil vapor additional soil sampling was conducted in May 2014 in the vicinity of the former drum storage area associated with the demolished building at Parcel A. VOC impacts were found to be limited to shallow depths ranging from 0.5 to 2.5 feet below grade and included the following constituents that were found at concentrations exceeding the unrestricted SCO criteria:

- 1,2-dichlorobenzene, 1,2,4-trimethylbenzene, 1,3-dichlorobenzene, 1,3,5-trimethylbenzene, 1,4-dichlorobenzene, 2-butanone, acetone, chlorobenzene, cis-1,2-dichloroethene, ethylbenzene, methylene chloride, tetrachloroethene, toluene, trichloroethene and xylene.
    - The maximum individual compound concentration was 390 mg/kg for 1,2-dichlorobenzene, at a depth of 2-2.5 feet below grade.

2.4.3 Groundwater

Monitoring well MW-5 was installed during the initial testing conducted at the Site. It is located within the footprint of the former drum storage area, where the Soil IRM was performed. Groundwater samples were collected on three occasions from the well and

the following VOCs were found at concentrations exceeding their specific NYSDEC Groundwater Quality Standard/Guidance Values:

- January 13, 2012 – 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, n-butylbenzene, n-propylbenzene, p-isopropyltoluene, sec-butlybenzene, xylene.
    - The maximum VOC detected was 1,2,4-trimethylbenzene (120 ug/l).
- August 30, 2012 - 1,2-dichlorobenzene,1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,4-dichlorobenzene, ethylbenzene, isopropylbenzene, naphthalene, n-propylbenzene, p-isopropyltoluene, sec-butlybenzene, xylene.
    - The maximum VOC detected was 1,2,4-trimethylbenzene (480 ug/l).
- June 20, 2013 – 1,2-dichlorobenzene,1,2,4-trimethylbenzene,1,2,4,5-tetramethylbenzene, 1,3,5-trimethylbenzene, ethylbenzene, isopropylbenzene, naphthalene, n-propylbenzene, p-isopropyltoluene, sec-butlybenzene.
    - The maximum VOC detected was 1,2,4-trimethylbenzene (260 ug/l).

Monitoring well MW-6 is installed approximately 70 feet downgradient of the soil excavation area. The following VOCs were found at concentrations exceeding their specific NYSDEC Groundwater Quality Standard/Guidance Values:

- January 13, 2012 – No constituents were found at concentrations exceeding criteria.
- August 30, 2012 - 1,2-dichlorobenzene,1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, isopropylbenzene, naphthalene, n-propylbenzene, p-isopropyltoluene, sec-butlybenzene.
    - The maximum VOC detected was 1,2,4-trimethylbenzene (56 ug/l).
- June 20, 2013 – 1,2-dichlorobenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, naphthalene, n-propylbenzene.
    - The maximum VOC detected was 1,2,4-trimethylbenzene (49 ug/l).

3.0 IRM OBJECTIVES AND SUMMARY

3.1 IRM Objectives

The objective of the IRM was to address the VOCs in soil found at concentrations in excess of the Subpart 375 Unrestricted Soil Cleanup Criteria. These impacts were found in shallow soil in the vicinity of a former drum storage area that was located within a courtyard of the building previously demolished by the TOI.

The IRM consisted of the removal of the impacted soil through excavation, temporary stockpiling and subsequent off-site disposal of the excavated material at a licensed disposal facility and backfilling of the excavation with clean imported fill.

3.2 Summary of Remedial Actions Completed

The remedial actions completed are as follows:

- Mobilization of equipment and supplies to the Site;
- Excavation of soil exhibiting impacts at levels exceeding cleanup criteria;
- Temporary stockpiling of excavated soil pending disposal facility acceptance;
- Collection of endpoint soil samples to demonstrate achievement of IRM goals;
- Waste characterization and off-site disposal of excavated soils at the approved facility;
- Backfilling of the excavation with clean fill meeting the requirements of DER-10; and
- Final site restoration and demobilization.

The implementation of the IRM is detailed in the following sections.

3.3 Schedule

The October 24, 2014 Soil IRMWP provided an implementation schedule and the project was completed within the task timeframes presented. The NYSDEC was kept notified on a regular basis regarding the status of the project. A summary of key milestones pertaining to the project are as follows:

- October 24, 2014 - Submittal of the Soil IRMWP to the NYSDEC;
- October 29, 2014 - Soil IRMWP approval by the NYSDEC;
- November 7, 2014 – Collection of pre-classification samples from proposed clean fill provider;
- November 18, 2014 - Mobilization and initiation of soil excavation, receipt of clean fill pre-classification results from the laboratory;
- November 19, 2014 - Completion of soil excavation and collection of endpoint soil samples;
- November 21, 2014 – Collection of soil stockpile samples for waste classification;
- November 25, 2014 – NYSDEC approval of proposed clean fill;
- November 26, 2014 – Receipt of laboratory testing results for waste classification samples;
- December 2, 2014 - Submittal of soil endpoint sampling results to the NYSDEC and receipt of NYSDEC approval to backfill;
- January 5, 2015 – Waste soil acceptance letter from disposal facility;
- January 7, 2015 – NYSDEC approval of proposed waste disposal facility;
- January 23, 2015 - Backfilling of excavation with clean fill;
- January 23, 2015 - Initiation of contaminated soil loadout to off-site disposal facility; and
- March 20, 2015 - Completion of soil loadout, final site restoration and demobilization.

The trucking company associated with the soil loadout conducted on January 23 was not able to provide the number of trucks requested due to scheduling conflicts associated with an impending severe snow event. Following that occurrence the Site could not be readily accessed until mid-March due to heavy persistent snow and ice accumulations. Upon sufficient melting to permit safe access, the remaining soil stockpile was removed.

3.4 Work Plan Modifications

No modifications to the NYSDEC approved IRMWP were required to complete the specified scope of work.

4.0 IRM IMPLEMENTATION

The construction activities associated with the IRM implementation were performed by EnviroTrac Engineering PE PC (EnviroTrac) These activities included excavation and backfilling of the targeted area, stockpiling of waste soil, collecting post remediation soil endpoint samples, coordination of clean fill and waste characterization testing, loading trucks with waste soil for off-site disposal and conducting community air monitoring.

The sequence of the implementation of the IRM, further described in the following subsections of this CCR, was as follows:

- Mobilization – Delivery of equipment and materials to the Site; setup of work zones;
- Site Preparation - Construction of temporary waste staging area and markout of the excavation area;
- Remedial Activities – Soil excavation and temporary stockpiling, waste characterization, excavation endpoint soil sampling, transportation and off-site disposal of waste materials, excavation backfilling;
- Air Monitoring – Work zone and community air monitoring; and
- Site Restoration – Demobilization of personnel and equipment and final restoration of the Site to pre- construction conditions.

The construction activities associated with the IRM commenced with mobilization and excavation activities on November 18, 2014. The field activities were completed on March 20, 2015 with the completion of loading out waste soil for off-site disposal and final site restoration. Photographs of the IRM activities are provided in Appendix C. The NYSDEC was kept apprised of progress at regular intervals during the implementation of the Soil IRMWP.

4.1 Mobilization

EnviroTrac mobilized equipment and personnel on November 18, 2014. These activities included delivery of earth moving equipment and materials required for site preparation and IRM implementation.

4.2 Site Preparation and Temporary Controls

Prior to the implementation of the IRM the Site was prepared to facilitate the implementation of the remedial activities. Site preparation activities included:

- Defining the extents of the excavation areas;
- Utility notification and mark-outs; and
- Preparation of a temporary waste containment area.

4.2.1 Definition of the Excavation Area

The Phase III membrane interface probe (MIP) and soil sampling results indicated that the soil exhibiting VOCs at levels exceeding the Unrestricted Use SCOs was shallow and limited to the vicinity of the former drum storage area. As noted in the Soil IRMWP Zebra Environmental installed shallow soil cores on July 14, 2014 via a small track mounted Geoprobe Systems® direct push machine. Placement of testing locations GP-1 through GP-25 shown on Figure 4-1 were arranged on a 10-foot grid pattern based on the location of soil vapor monitoring point SG-7/7R. The cores that were each advanced to a depth of 5 feet were screened in the field by an EnviroTrac geologist using visual observations to define the horizontal and vertical extent of soil impacts and to provide a more precise volumetric estimates pertaining to excavation waste disposal and backfill volume requirements. Soil aliquots from each core were collected at 1-foot intervals and tested for the relative presence of VOCs using a portable PID to assess contamination distribution. Results of this work are summarized on Figure 4-2.

The impacted soil was noted in a thin darkly stained zone that exhibited a higher degree of cohesion than the surrounding unaffected subsurface. The deeper intervals noted on Figure 4-2 where no recovery was obtained consisted of sandier material that was not observed to be impacted. The potentially impacted soil was found to be limited to a maximum depth of less than 4 feet.

4.2.2 Utility Notifications and Markouts

Prior to initiation of excavation activities the "Dig Safely" one call procedure required by New York law was implemented to prevent damage to potential underground utilities and for the safety of on-site personnel conducting the work. There are no known utilities currently present at Parcel A.

4.2.3 Temporary Waste Containment Area

Excavated soil was temporarily staged on-site in a stockpile located in close proximity to the excavation area. The stockpile was constructed on plastic sheeting and covered with a secured waterproof protective cover tarp for the duration of its presence on site. A temporary fence was constructed surrounding the stockpile following completion of each days' excavation activities. Photographic documentation of the stockpile construction and management is provided in Appendix C.

4.3 Implementation of Remedial Activities

Remedial activities were implemented in accordance with the IRMWP. The remedial activities consisted of the following:

- Soil Excavation and Segregation;
- Post-Excavation Sampling;
- Backfilling; and
- Waste Characterization and Disposal.

These activities are described in the following subsections and in Section 4.5 (Waste Characterization and Disposal).

All work conducted to implement the IRM Work Plan was planned, overseen and managed by EnviroTrac. EnviroTrac's Dale C. Konas, P.E. served at the Engineer of Record responsible for certifying the work performed.

Sub-contractors, suppliers and other firms associated with the Soil IM included:

- **AARCO Environmental Services Corp**., **Lindenhurst, New York** - subcontractor responsible for transportation and disposal of investigation derived waste (IDW). See Appendix H for IDW documentation;
- **Alpha Analytical, Inc., Westbrook, Massachusetts** - NY NELAC 11148 certified laboratory responsible for analyzing soil endpoint samples collected to assess success in meeting excavation project goals;
- **American Analytical Laboratories, LLC, Farmingdale, New York** – NYSDOH 11418 certified laboratory responsible for analyzing waste characterization and backfill acceptance samples;
- **Clean Earth of Carteret, LLC, Carteret, New Jersey** – Disposal facility for the excavated soil;
- **Environmental Data Services, Inc., Williamsburg, Virginia** – subcontractor responsible for laboratory data validation services/DUSR preparation;
- **Long Island Sound Transport, Inc., A&R Materials, W.B.E. of Ronkonkoma, New York** – trucking firm responsible for clean fill transportation;
- **Motion Transport, Woodbridge, New Jersey** - trucking firm responsible for transportation of waste soil to the disposal facility;
- **Prince Transport, Rockaway, New Jersey** - trucking firm responsible for transportation of waste soil to the disposal facility; and
- **Ranco Sand & Stone Corp., Manorville, New York** – supplier of clean fill used to backfill excavation area following removal of contaminated material.

4.3.1 Soil Excavation and Segregation

Soil within the defined area of contamination was excavated using a backhoe machine and soil skid on November 18 and 19, 2014. During the work, soil samples were collected and screened (visually and with a PID) by the on-site geologist to determine the extent of excavation required. Based on prior testing results a thin easily identified darkly stained soil layer was found within the shallow soil to contain the impacted material requiring removal. The IRM excavation depth varied based on the depth of the encountered contamination ranging from approximately 1 foot or less at the northwestern perimeter to a maximum of 4 feet toward the southeastern perimeter. The

irregularly shaped excavated area covered approximately 1,800 ft^2. The average excavation depth was estimated at approximately 2 feet.

Soil vapor monitoring point SG-7R was located within the area requiring excavation and removal in its entirety to enable access to surrounding soil was required as per the IRM WP.

The excavated soil was temporarily staged onsite (placed on and covered by poly-sheeting) at a location within Parcel A. Upon completion of the excavation, the area was secured with temporary fencing pending approval from the NYSDEC to backfill based on endpoint soil sampling results. Photographic documentation of the soil excavation is provided in Appendix C.

4.3.2 Post Excavation Sampling

After completing the excavation activities and before backfilling, post-excavation end point soil samples were collected on November 19, 2014 in accordance with the Soil IRMWP. The purpose of collecting the bottom and sidewall samples was to document the success of the remedial action and to identify any remaining VOCs present at levels exceeding the cleanup goals.

Per NYSDEC requirements for soil sampling intended for analysis of VOCs, the samples were collected using laboratory supplied Encore/5035 Method samplers. Sample collection frequency was in accordance with DER-10 recommendations as follows:

- Excavation perimeter samples were collected at a frequency of 1 per every 30 linear feet. Based on an estimated perimeter of 180 ft. six samples were collected;
- Excavation bottom samples were collected at a frequency of 1 per every 900 ft^2. Based on an estimated area of 1,800 ft^2 two bottom samples were collected; and
- Blind duplicates, matrix spike and matrix spike duplicate samples were collected at a frequency of 1 per 20 field samples.

The excavation limits and locations of the two excavation bottom and six sidewall samples are shown on Figure 4-3. The current site layout depicting the boundaries of Parcels A and B and the IRM excavation and waste soil stockpile locations is provided on Figure 4-4.

The samples were analyzed for Target Compound List (TCL) VOCs by Method 8260C. Alpha Analytical, Westborough MA, certified in New York State to conduct work under the Environmental Laboratory Approval and Analytical Services Programs (ELAP/ASP) analyzed the soil samples and reported results in Category B and NYSDEC format Electronic Data Deliverable (EDD) formats. The results were validated, and a Data Usability Summary Report (DUSR) prepared, by Environmental Data Services, Inc., Williamsburg, VA (Appendix D).

Table 4-1 provides a summary of the endpoint soul sampling results; most notably all results were below the 6NYCRR Part 375 - Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives (SCOs).

4.3.3 Backfilling

The backfill materials met the requirements of 6 NYCRR 375-6.7(d) and the following criteria, in accordance with DER-10:

- Comply with the IRM objectives;
- Be free of extraneous debris or solid waste;
- Be recognizable soil or other unregulated material as set forth in 6 NYCRR Part 360 and materials for which NYSDEC has issued a beneficial use determination;
- Not exceed the allowable constituent levels for imported fill or soil; and
- Sampling and laboratory analyses.

The fill was sampled in accordance with the frequency recommended in DER-10 Table 5.4(e)10. Four grab samples for VOCs and one composite sample for all other analytical parameters were collected on November 7, 2014 at the source (Ranco Sand & Stone). The samples were analyzed for VOCs, semi-VOCs, PCBs, pesticides, herbicides, metals, hexavalent chromium, mercury and cyanide (Methods 8260C, 8270D, 8082A, 8081B, 8151A, 6010C, 7196A, 7471B, 9012B respectively). The analytical report provided by

American Analytical Laboratories, LLC, Farmingdale, NY is presented in Appendix E. Results, summarized in Table 4-2 indicated no exceedances of the DER-10 criteria.

Backfilling was performed on January 23, 2015. A total of 149.72 tons of sandy fill was transported to the Site by Long Island Sound Transport, Inc., A&R Materials, W.B.E. of Ronkonkoma, NY. The delivery tickets for six truckloads are included in Appendix E. Due to the shallow depth of the excavation the backfilling was completed in one continuous operation. The heavy machinery used to handle the fill was repeatedly rolled across the area during and following completion of the operation to compact the material and establish the surrounding grade of the vacant lot.

Photographs in Appendix C depict the IRM area during and upon completion of backfilling.

4.4 Community Air Monitoring

A Community Air Monitoring Plan (CAMP) was implemented in accordance with procedures specified in the Soil IRMWP. Air monitoring to assess levels of VOCs and particulates at upwind and downwind locations was conducted during soil excavation and stockpiling of soil, and during subsequent movement of stockpiled material during loading out of contaminated soil for shipment to the disposal facility.

The portion of the former CAMCO Site designated as Parcel A has entirely consisted of open land since demolition of the building structures was conducted by the TOI during the fall of 2011.

Land use for the areas adjacent to Parcel A are:

- To the north – aviation related offices and structures;
- To the east – Islip MacArthur Airport, runways and open land;
- To the south – aviation related structures; and
- To the west – CAMCO Site Parcel B (slab on grade storage building and paved parking lot). Smithtown Avenue is located approximately 360 feet west from the western border of Parcel A.

The designated IRM work area (i.e., the exclusion zone) included the entire extent of

Parcel A to accommodate movement of the excavator and workers and establishment of a temporary stockpile of excavated soil.

Real-time monitoring for VOCs and PM-10 particulates (i.e., dust) was conducted during implementation of the IRM to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses) from potential airborne contaminant releases as a direct result of the remedial work activities. Equipment used to conduct the monitoring included Thermo Andersen MIE DATARAM 4000 particulate meters and PGM 6228 RAE Systems MultiRAE multigas detectors.

VOC Monitoring, Response Levels, and Actions

VOCs were monitored at the downwind and upwind perimeters of the work area on a continuous basis during soil excavation and stockpiling. The equipment was capable of calculating 15-minute running average concentrations, which were compared to the following as specified in the Soil IRMWP:

- If the ambient air concentration of total organic vapors at the downwind perimeter of the work area exceeded 5 parts per million (ppm) above background for the 15-minute average, work activities would be temporarily halted and monitoring continued. If the total organic vapor level readily decreased (per instantaneous readings) below 5 ppm over background, work activities could resume with continued monitoring;
- If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persisted at levels in excess of 5 ppm over background but less than 25 ppm, work activities would be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities could resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average; and
- If the organic vapor level was above 25 ppm at the perimeter of the work area, activities must be shutdown.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations were monitored continuously at the upwind and downwind perimeters of the work area during soil excavation and stockpiling.

The particulate monitoring was performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment was equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration were visually assessed as follows:

- If the downwind PM-10 particulate level was 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust was observed leaving the work area, then dust suppression techniques were employed. Work continued with dust suppression techniques provided that downwind PM-10 particulate levels did not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust was migrating from the work area; and
- If, after implementation of dust suppression techniques, downwind PM-10 particulate levels were greater than 150 mcg/m^3 above the upwind level, work would be stopped and a re-evaluation of activities initiated. Work could resume provided that dust suppression measures and other controls were successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

Monitoring of VOCs and PM-10 particulates was conducted at upwind and downwind locations during the stockpile loading out work through the periodic recording of discrete measurements following approval by the NYSDEC.

Prevailing wind on November 18-19, 2014 was westerly, breezy/windy conditions prevailed. Accordingly data collection monitoring stations were established on the western side (upwind) and eastern side (downwind) of the excavation as shown in the photographic documentation provided in Appendix C. Under those wind conditions, the nearest building in the upwind direction was a commercial structure located on the

western side of Smithtown Avenue at a distance of approximately 500 feet from the excavation; (the nearest residence is located approximately 1,600 feet west/northwest from the western border of Parcel A). The nearest buildings in the prevailing downwind direction consisted of residential homes located on the eastern side of the airport at a distance of approximately 5,700 feet from the excavation.

The CAMP data indicated that there were no exceedances of the action levels for total VOCs or PM-10 particulates. Accordingly, no stop work conditions occurred or other corrective measures were required. The community air monitoring data are provided in Appendix F.

4.5 Waste Characterization and Off-Site Disposal

Excavated soil generated during the implementation of the IRM was characterized, manifested and disposed off-site as non-hazardous material in accordance with applicable federal and state regulations and guidelines.

On November 21, 2014 a composited sample was collected from the excavated soil stockpile and submitted to American Analytical Laboratories, LLC, Farmingdale, NY for analysis. The sample was analyzed for total VOCs, semi-VOCs, PCBs, metals, mercury and DRO (Methods 8260C, 8270D, 8082A, 6010C, 7471B, 8015D respectively), TCLP VOCs, metals and mercury (Methods 1311/8260C, 1311/6010C, 1311/7470A, respectively), ignitability/flashpoint (1020), pH (9045D), reactive cyanide (7.3.3.2), reactive sulfide (7.3.4.2). The laboratory report is provided in Appendix G.

Based on the waste characterization results the material was accepted for disposal by Clean Earth of Carteret, LLC, Carteret, NJ, and as pre-approved by the NYSDEC. A total of 200 tons of waste soil was hauled from the Site on January 23, 2015 and March 20, 2015. Documentation pertaining to characterization and acceptance including manifests is provided in Appendix G.

5.0 FINAL SITE RESTORATION AND PROJECT COMPLETION

The parcel upon which the IRM was conducted consists of vacant land and was restored as such following completion of the soil excavation. The on-site work associated with the project concluded on March 20, 2015 with the removal, transportation and off-site disposal of remaining excavated soil and general cleanup to remove IRM associated supplies (e.g., temporary fencing, stockpile cover and underlayment, etc.) and the demobilization of equipment and project personnel.

6.0 CONCLUSIONS

The construction activities implemented during the Soil IRM at Parcel A addressed impacted soil found in the shallow subsurface within the footprint of a building demolished by the TOI in 2011. Parcel A currently consists of vacant land.

The IRM was implemented as follows:

- Excavation of soil containing VOCs at concentrations exceeding the Unrestricted Use SCOs;
- Temporary on-site stockpiling of the excavated material pending receipt of acceptance by an appropriately licensed disposal facility;
- Waste characterization of the excavated soil was performed to determine disposal requirements;
- Air monitoring was conducted to assess potential airborne impacts and prevent community exposure from VOCs and particulates generated during soil handling and on-site transportation tasks associated with the project implementation. No exceedances to the CAMP monitoring criteria presented in the IRMWP were noted during any of the work performed;
- Off-site disposal of approximately 200 tons of excavated soil at a facility pre-approved by NYSDEC; and
- With NYSDEC approval the excavation was backfilled to grade with clean imported fill meeting the requirements of DER-10.

The objectives presented in the Soil IRMWP were fully achieved.

7.0 REFERENCES

EnviroTrac Ltd. (October 12, 2011). S*ite Characterization and Investigation Work Plan* (Work Plan).

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EnviroTrac Ltd. (April 2012). *Draft Site Characterization and Investigation Report* (draft Report).

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EnviroTrac Ltd. (September 27, 2013). *Supplemental Investigation Phase II Results Report*.

EnviroTrac Ltd. (June 27, 2014). *Supplemental Investigation Phase III Results Report*.

EnviroTrac Ltd. (October 24, 2014). *Soil Interim Remedial Measure Work Plan*.

New York State Department of Environmental Conservation (May 3, 2010). Final Program Policy DER-10 - Technical Guidance for Site Investigation and Remediation.

FIGURES

TOPOGRAPHIC MAP

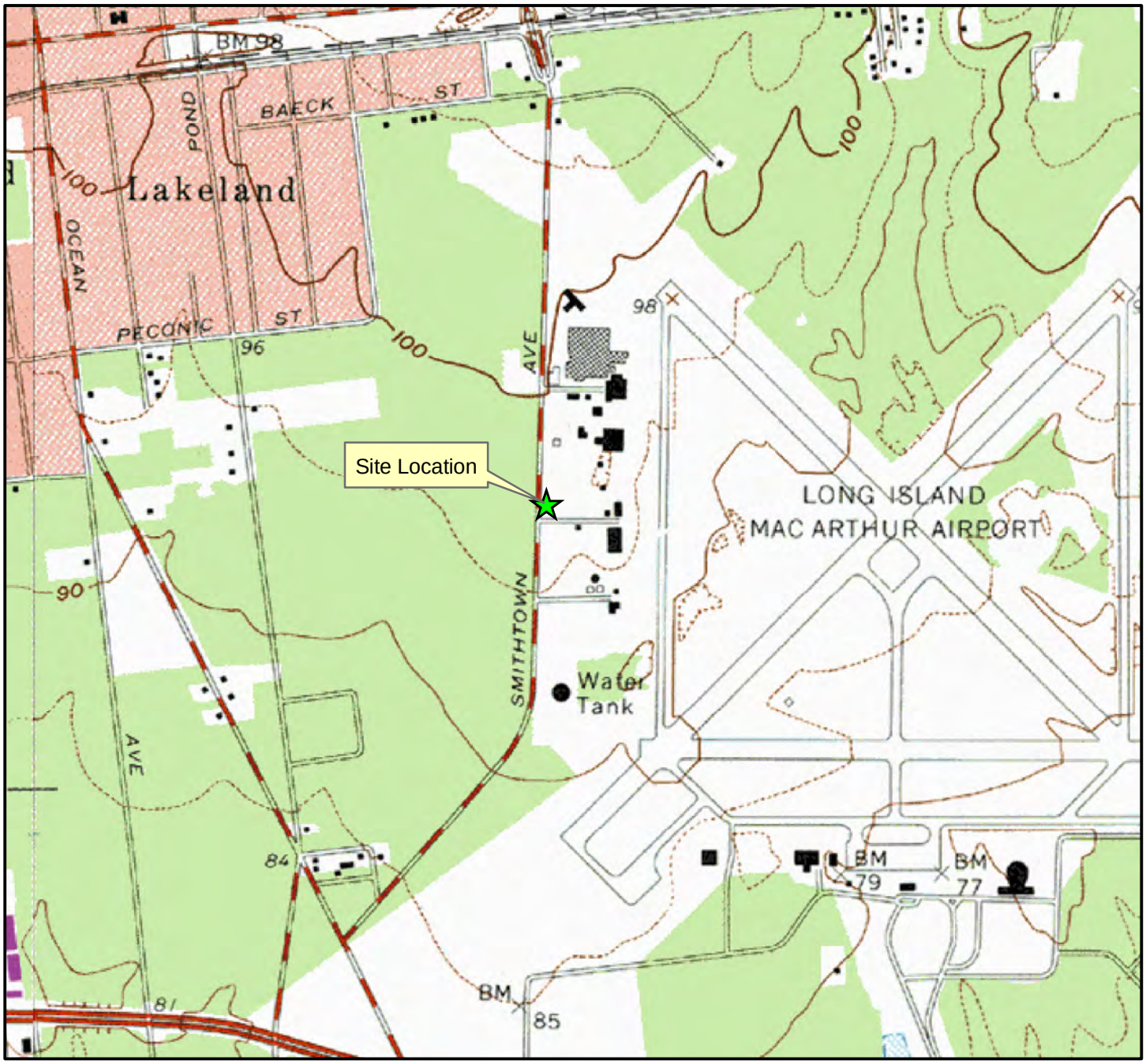


Figure 2-1

Site Location

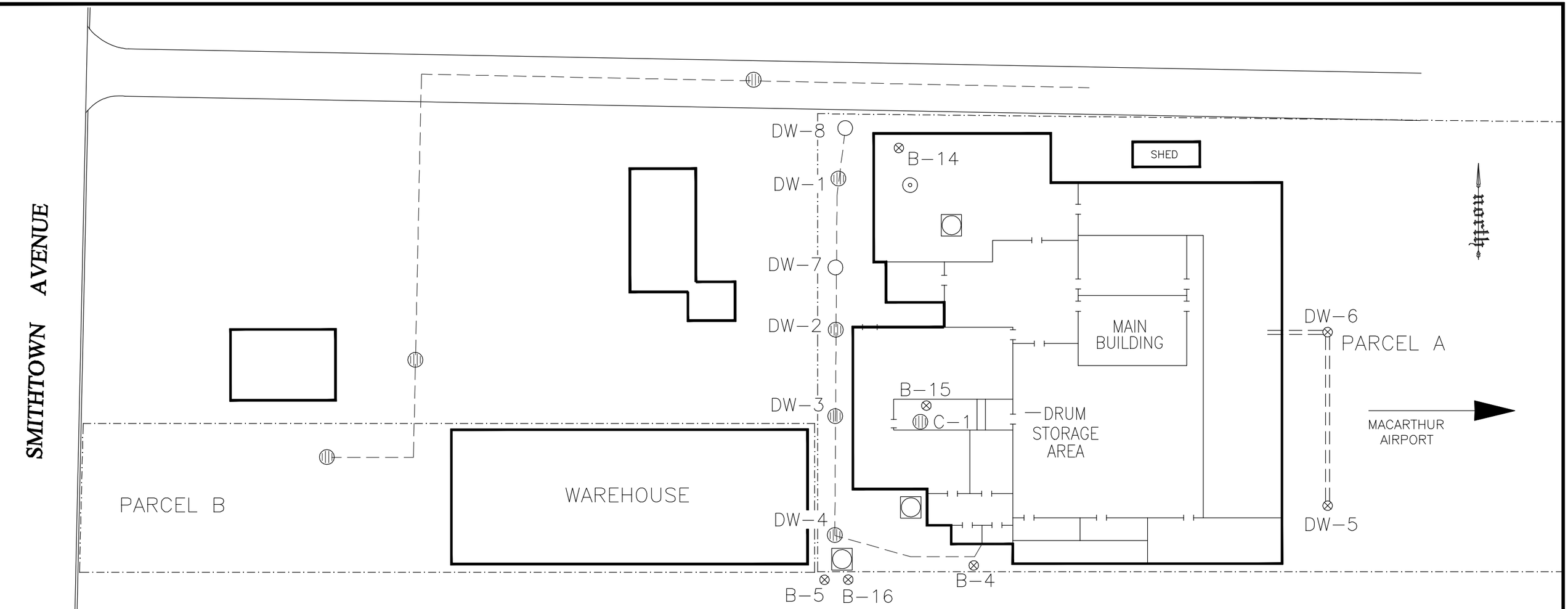
CAMCO
2125 Smithtown Avenue
Ronkonkoma, NY

USGS Quadrangle:
Central Islip

Approx. Elevation:
87 feet

N
W E
S

EnviroTrac
Environmental Services
5 Old Dock Road
Yaphank, NY 11980
P: 631-924-3001 F:631-924-5001



INDUSTRIAL BUILDING

LEGEND:

- MACARTHUR AIRPORT STORM WATER DRAINAGE SYSTEM
- PROPERTY LINE
- STORM DRAIN
- HOLDING TANK
- COOLING WATER CESSPOOL
- UNDERGROUND STORM DRAIN
- SUBGRADE DRYWELL
- DW–1 TO DW–4 & C–1 TESTED ON 10/23/06
- DW–4 TO DW–8 & C–1 TESTED ON 7/6/07
- B–4 & B–5 TESTED ON 10/24/06
- B–14 & B–15 TESTED ON 7/6/07

0 50

APPROX. SCALE IN FEET

NOTE:

SITE PLAN BASED ON A DRAWING PREPARED BY FENLEY & NICOL, INC.

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924–3001 FAX: (631)924–5001

REVISION DATE:
MARCH 27, 2012

REVISED BY:
T.B.

CAMCO
2125 SMITHTOWN AVENUE
RONKONKOMA, NEW YORK

GENERAL SITE PLAN

FIGURE #
2–2

AERIAL PHOTOGRAPH

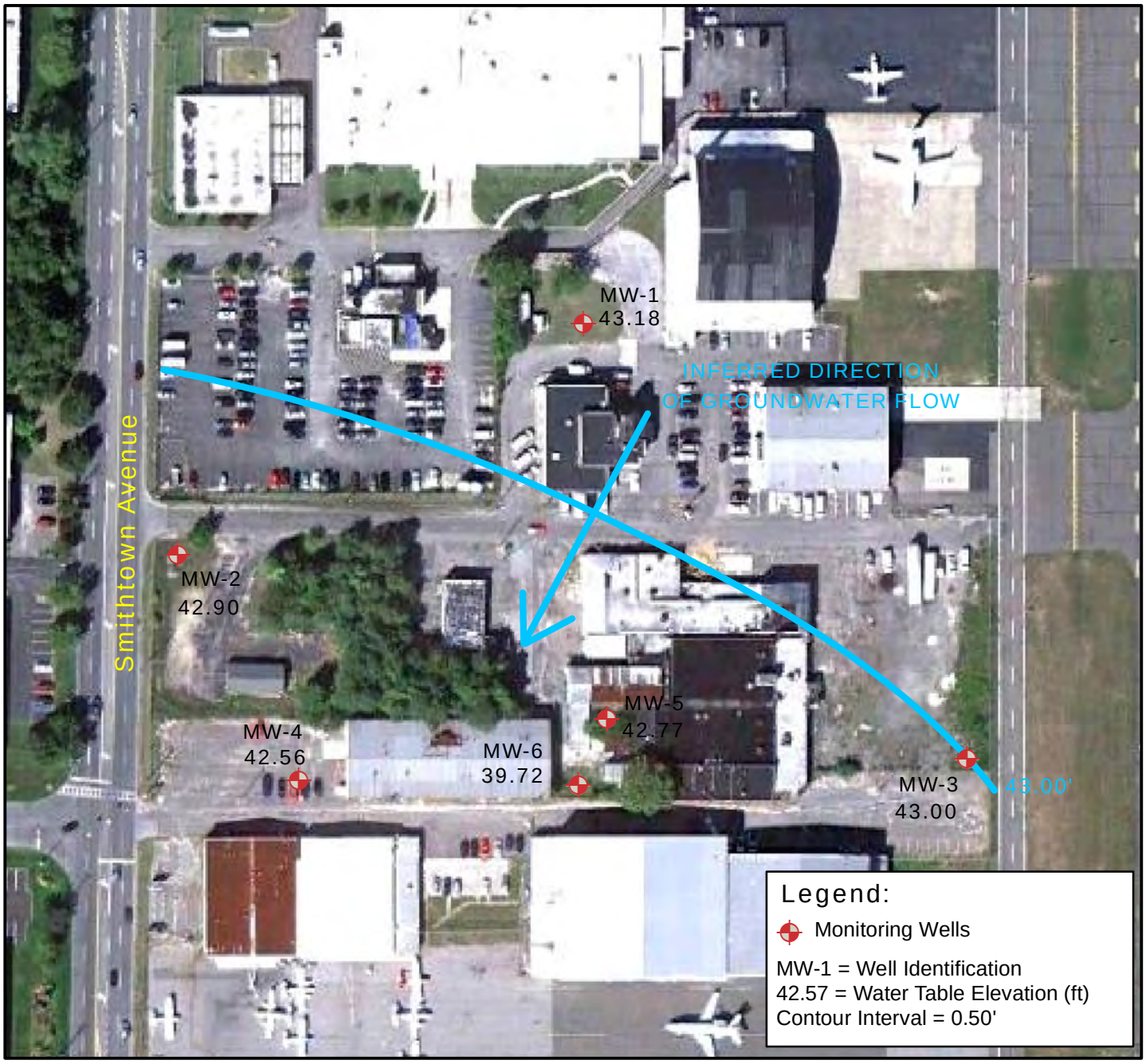


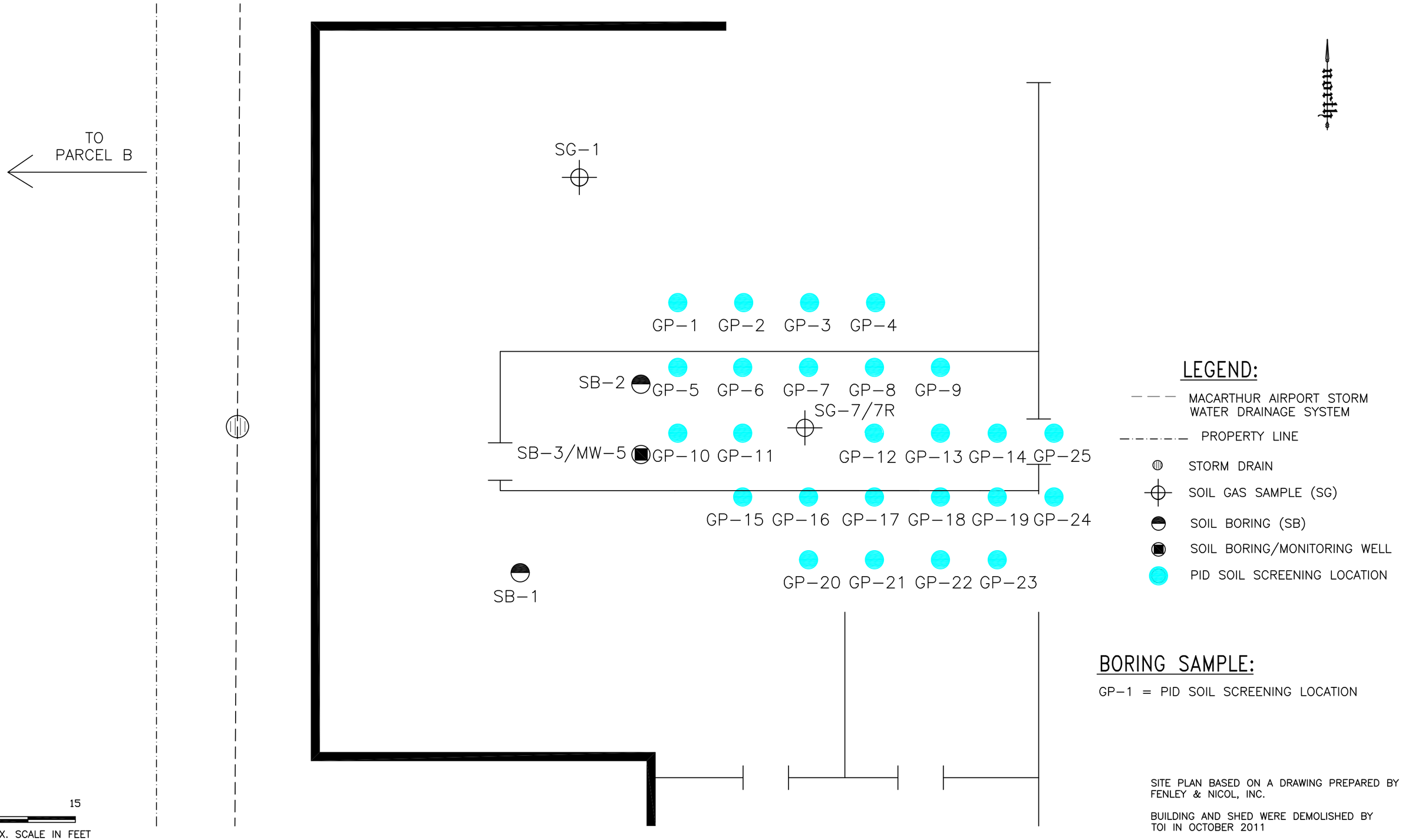
Figure 2-3
Groundwater
Flow Patterns
June 20, 2013

CAMCO
2125 Smithtown Ave.
Ronkonkoma, NY

0 100 200
Feet

N
W E
S

EnviroTrac
Environmental Services
5 Old Dock Road
Yaphank, NY 11980
P: 631-924-3001 F:631-924-5001



BORING SAMPLE:

GP-1 = PID SOIL SCREENING LOCATION

SITE PLAN BASED ON A DRAWING PREPARED BY FENLEY & NICOL, INC.

BUILDING AND SHED WERE DEMOLISHED BY TOI IN OCTOBER 2011

EnviroTrac
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REVISION DATE:
APRIL 10, 2015

REVISED BY:
T.B.

CAMCO
2125 SMITHTOWN AVENUE
RONKONKOMA, NEW YORK

PID SOIL SCREENING - JULY 14, 2014

FIGURE #
4-1

Figure 4-2: PID Soil Evaluation - Distribution of Results

Former CAMCO Site
Ronkonkoma, New York

West ← → East

Depth (ft)	GP-1	GP-2	GP-3	GP-4
1	11.2	1.4	5.4	1.1
2	2.2	13.8	67.5	0.1
3	2.9	1	0.8	0
4	NR	NR	2.4	NR
5	NR	NR	NR	NR

Depth (ft)	GP-5	GP-6	GP-7	GP-8	GP-9
1	2.2	0	23.9	0.8	0.3
2	0.5	0	5	44.1	0.3
3	0	0	0	350	0.8
4	NR	NR	NR	0	0
5	NR	NR	NR	NR	NR

Depth (ft)	GP-10	GP-11	SG-7/7R	GP-12	GP-13	GP-14	GP-25
1	0.6	0.1		5.7	265	213	0
2	1	2.5		603	1280	261	0
3	2.79	0.5		1240	1144	798	0
4	0.6	NR		0.6	NR	40	0
5	NR	NR		NR	NR	NR	NR

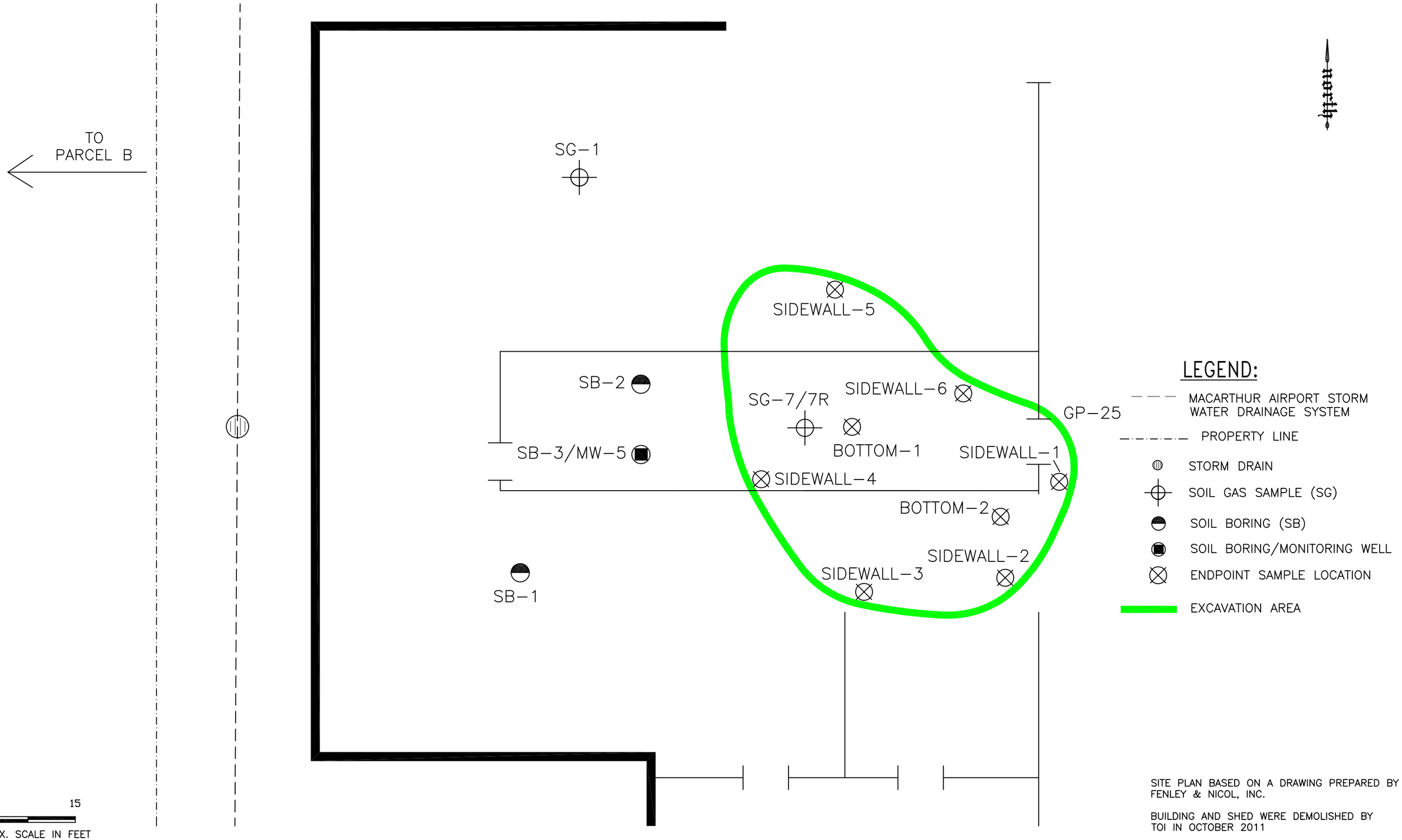
Depth (ft)	GP-15	GP-16	GP-17	GP-18	GP-19	GP-24
1	0	0	1	158	20.5	3
2	0.3	2.3	70.7	673	346	1.4
3	0	0	0.5	523	279	1.1
4	NR	0	NR	18	353	NR
5	NR	0	NR	NR	NR	NR

Depth (ft)	GP-20	GP-21	GP-22	GP-23
1	5.4	4.9	426	172
2	3.7	328	673	907
3	3	4.4	2.6	556
4	NR	NR	0.7	86
5	NR	NR	NR	NR

North ↑

↓ South

Notes:
Testing conducted on July 14, 2014.
Result below 10 ppm.
Result above 100 ppm.
Soil Macrocores collected by Zebra Environmental.
Measurements recorded in ppm using a PID with a 10.6 eV lamp.
NR= no recovery.



SITE PLAN BASED ON A DRAWING PREPARED BY FENLEY & NICOL, INC.

BUILDING AND SHED WERE DEMOLISHED BY TOI IN OCTOBER 2011

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924–3001 FAX: (631)924–5001

REVISION DATE:
APRIL 10, 2015

REVISED BY:
T.B.

CAMCO
2125 SMITHTOWN AVENUE
RONKONKOMA, NEW YORK

SOIL EXCAVATION AREA AND ENDPOINT SAMPLING LOCATIONS

FIGURE #
4–3

AERIAL PHOTOGRAPH

Figure 4-4
Current Site Layout

CAMCO
2125 Smithtown Ave.
Ronkonkoma, NY

0 200 400
FEET
N
W E
S

EnviroTrac
Environmental Services
5 Old Dock Road
Yaphank, NY 11980
P: 631-924-3001 F:631-924-5001

TABLES

Table 4-1: Summary of Excavation Endpoint Soil Sampling Results

Former CAMCO Site - Parcel A Soil IRM
Ronkonkoma, New York

		Location	Excavation Perimeter				
		Sample Name	SIDEWALL 1	SIDEWALL 7 (2)	SIDEWALL 2	SIDEWALL 3	SIDEWALL 4
		Depth (fbg)	1.5-2.0	1.5-2.0	2.5-3.0	1.5-2.0	0.5-1.0
		Laboratory ID:	L1428054-01	L1428054-07	L1428054-02	L1428054-03	L1428054-04
VOC (Limits and Results in mg/kg)	Limits (1)	Sampling Date:	19-NOV-14	19-NOV-14	19-NOV-14	19-NOV-14	19-NOV-14
1,1,1,2-Tetrachloroethane	NA		0.00036 U	0.00037 U	0.00041 U	0.00031 U	0.00033 U
1,1,1-Trichloroethane	0.68		0.00012 U	0.00013 U	0.00014 U	0.00011 U	0.00012 U
1,1,2,2-Tetrachloroethane	NA		0.00011 U	0.00012 U	0.00013 U	0.0001 U	0.0001 U
1,1,2-Trichloroethane	NA		0.00034 U	0.00035 U	0.00039 U	0.0003 U	0.00032 U
1,1-Dichloroethane	0.27		0.0001 U	0.0001 U	0.00011 U	0.00008 U	0.00009 U
1,1-Dichloroethene	0.33		0.0003 U	0.0003 U	0.00034 U	0.00026 U	0.00027 U
1,1-Dichloropropene	NA		0.00016 U	0.00016 U	0.00018 U	0.00014 U	0.00015 U
1,2,3-Trichlorobenzene	NA		0.00017 U	0.00017 U	0.00019 U	0.00014 U	0.00015 U
1,2,3-Trichloropropane	NA		0.00018 U	0.00019 U	0.00021 U	0.00016 U	0.00017 U
1,2,4,5-Tetramethylbenzene	NA		**0.0003 J**	**0.00028 J**	**0.0003 J**	0.00013 U	0.00014 U
1,2,4-Trichlorobenzene	NA		0.00021 U	0.00021 U	0.00023 U	0.00018 U	0.00019 U
1,2,4-Trimethylbenzene	3.6		**0.0013 J**	**0.00089 J**	**0.00096 J**	0.00014 U	0.00015 U
1,2-Dibromo-3-chloropropane	NA		0.00045 U	0.00046 U	0.00051 U	0.00039 U	0.00042 U
1,2-Dibromoethane	NA		0.0002 U	0.0002 U	0.00022 U	0.00017 U	0.00018 U
1,2-Dichlorobenzene	1.1		**0.0043 J**	**0.0031 J**	**0.00036 J**	**0.00021 J**	**0.0012 J**
1,2-Dichloroethane	0.02		0.00013 U	0.00013 U	0.00014 U	0.00011 U	0.00012 U
1,2-Dichloroethene (total)	NA		0.00016 U	0.00016 U	0.00018 U	0.00014 U	**0.00028 J**
1,2-Dichloropropane	NA		0.00026 U	0.00026 U	0.00029 U	0.00022 U	0.00024 U
1,3,5-Trimethylbenzene	8.4		**0.00086 J**	**0.0004 J**	**0.00065 J**	0.00014 U	0.00015 U
1,3-Dichlorobenzene	2.4		0.00015 U	0.00016 U	0.00017 U	**0.00072 J**	0.00014 U
1,3-Dichloropropane	NA		0.00016 U	0.00017 U	0.00019 U	0.00014 U	0.00015 U
1,3-Dichloropropene, Total	NA		0.00013 U	0.00014 U	0.00015 U	0.00011 U	0.00012 U
1,4-Dichlorobenzene	1.8		**0.0007 J**	**0.00049 J**	0.00018 U	**0.00032 J**	0.00014 U
1,4-Diethylbenzene	NA		**0.00097 J**	**0.0012 J**	**0.0013 J**	0.00016 U	0.00017 U
1,4-Dioxane	0.1		0.016 U	0.017 U	0.018 U	0.014 U	0.015 U
2,2-Dichloropropane	NA		0.00026 U	0.00026 U	0.00029 U	0.00022 U	0.00024 U
2-Butanone	0.12		0.00031 U	0.00032 U	0.00035 U	**0.00035 J**	0.00028 U
2-Hexanone	NA		0.00076 U	0.00077 U	0.00086 U	0.00065 U	0.0007 U
4-Ethyltoluene	NA		**0.00075 J**	**0.00039 J**	**0.00042 J**	0.00012 U	0.00013 U
4-Methyl-2-pentanone	NA		0.00028 U	0.00028 U	0.00031 U	0.00024 U	0.00026 U
Acetone	0.05		0.0012 U	0.0012 U	0.0013 U	**0.031**	0.0011 U
Acrylonitrile	NA		0.00058 U	0.0006 U	0.00066 U	0.0005 U	0.00054 U
Benzene	0.06		0.00013 U	0.00014 U	0.00015 U	0.00012 U	0.00012 U
Bromobenzene	NA		0.00024 U	0.00024 U	0.00027 U	0.0002 U	0.00022 U
Bromochloromethane	NA		0.00031 U	0.00032 U	0.00035 U	0.00027 U	0.00029 U
Bromodichloromethane	NA		0.0002 U	0.0002 U	0.00022 U	0.00017 U	0.00018 U
Bromoform	NA		0.00027 U	0.00027 U	0.0003 U	0.00023 U	0.00025 U
Bromomethane	NA		0.00038 U	0.00039 U	0.00043 U	0.00033 U	0.00035 U
Carbon disulfide	NA		0.0012 U	0.0013 U	0.0014 U	0.0011 U	0.0012 U
Carbon tetrachloride	0.76		0.00024 U	0.00024 U	0.00027 U	0.0002 U	0.00022 U
Chlorobenzene	1.1		0.0004 U	0.0004 U	0.00045 U	0.00034 U	0.00036 U
Chloroethane	NA		0.00036 U	0.00037 U	0.0004 U	0.00031 U	0.00033 U
Chloroform	0.37		0.00042 U	0.00043 U	0.00048 U	0.00036 U	0.00039 U
Chloromethane	NA		0.00033 U	0.00034 U	0.00038 U	0.00029 U	0.00031 U
cis-1,2-Dichloroethene	0.25		0.00016 U	0.00016 U	0.00018 U	0.00014 U	**0.00028 J**
cis-1,3-Dichloropropene	NA		0.00013 U	0.00014 U	0.00015 U	0.00011 U	0.00012 U
Dibromochloromethane	NA		0.00017 U	0.00018 U	0.0002 U	0.00015 U	0.00016 U
Dibromomethane	NA		0.00018 U	0.00019 U	0.00021 U	0.00016 U	0.00017 U
Dichlorodifluoromethane	NA		0.00022 U	0.00022 U	0.00024 U	0.00019 U	0.0002 U
Ethyl ether	NA		0.0003 U	0.0003 U	0.00033 U	0.00025 U	0.00027 U
Ethylbenzene	1		0.00014 U	0.00015 U	0.00016 U	0.00012 U	0.00013 U
Hexachlorobutadiene	NA		0.00026 U	0.00026 U	0.00029 U	0.00022 U	0.00024 U
Isopropylbenzene	NA		0.00012 U	0.00012 U	0.00013 U	0.0001 U	0.00011 U
Methyl tert butyl ether	0.93		0.0001 U	0.0001 U	0.00011 U	0.00008 U	0.00009 U
Methylene chloride	0.05		0.0012 U	0.0013 U	0.0014 U	0.0011 U	0.0012 U
n-Butylbenzene	12		0.00013 U	0.00013 U	0.00015 U	0.00011 U	0.00012 U
n-Propylbenzene	3.9		0.00012 U	0.00013 U	0.00014 U	0.00011 U	0.00011 U
Naphthalene	12		**0.00043 J**	**0.0003 J**	**0.00037 J**	0.00014 U	0.00014 U
o-Chlorotoluene	NA		0.00018 U	0.00018 U	0.0002 U	0.00016 U	0.00017 U
o-Xylene	NA		0.0002 U	0.0002 U	0.00022 U	0.00017 U	0.00018 U
p-Chlorotoluene	NA		0.00015 U	0.00015 U	0.00017 U	0.00013 U	0.00014 U
p-Isopropyltoluene	NA		0.00014 U	0.00014 U	0.00016 U	0.00012 U	0.00013 U
p/m-Xylene	NA		0.00022 U	0.00023 U	0.00025 U	0.00019 U	0.00021 U
sec-Butylbenzene	11		0.00014 U	0.00014 U	0.00016 U	0.00012 U	0.00013 U

Table 4-1: Summary of Excavation Endpoint Soil Sampling Results

Former CAMCO Site - Parcel A Soil IRM
Ronkonkoma, New York

		Location	Excavation Perimeter				
		Sample Name	SIDEWALL 1	SIDEWALL 7 (2)	SIDEWALL 2	SIDEWALL 3	SIDEWALL 4
		Depth (fbg)	1.5-2.0	1.5-2.0	2.5-3.0	1.5-2.0	0.5-1.0
		Laboratory ID:	L1428054-01	L1428054-07	L1428054-02	L1428054-03	L1428054-04
VOC (Limits and Results in mg/kg)	**Limits (1)**	**Sampling Date:**	19-NOV-14	19-NOV-14	19-NOV-14	19-NOV-14	19-NOV-14
Styrene	NA		0.00046 U	0.00047 U	0.00052 U	0.00039 U	0.00042 U
tert-Butylbenzene	**5.9**		0.00015 U	0.00016 U	0.00017 U	0.00013 U	0.00014 U
Tetrachloroethene	**1.3**		0.00016 U	0.00016 U	**0.00069 J**	0.00014 U	**0.00072 J**
Toluene	**0.7**		0.00022 U	**0.00031 J**	**0.00029 J**	0.00019 U	0.0002 U
trans-1,2-Dichloroethene	**0.19**		0.00024 U	0.00025 U	0.00027 U	0.00021 U	0.00022 U
trans-1,3-Dichloropropene	NA		0.00014 U	0.00014 U	0.00016 U	0.00012 U	0.00013 U
trans-1,4-Dichloro-2-butene	NA		0.00044 U	0.00046 U	0.0005 U	0.00038 U	0.00041 U
Trichloroethene	**0.47**		**0.00063 J**	**0.0003 J**	0.00016 U	**0.00032 J**	**0.0015**
Trichlorofluoromethane	NA		0.00044 U	0.00045 U	0.0005 U	0.00038 U	0.00041 U
Vinyl acetate	NA		0.00015 U	0.00015 U	0.00017 U	0.00013 U	0.00014 U
Vinyl chloride	**0.02**		0.00013 U	0.00014 U	0.00015 U	0.00011 U	0.00012 U
Xylene (Total)	**0.26**		0.0002 U	0.0002 U	0.00022 U	0.00017 U	0.00018 U

Notes:
Analysis conducted by Alpha Analytical, Inc.
(1) NYSDEC 375 UNRES. Limits.
(2) Duplicate of SIDEWALL 1.
NA = Not available, no value specified in NYSDEC 375 UNRES. Limits.
U - Compound was not detected relative to the indicated reporting limit.
J - Estimated concentration.

Table 4-1: Summary of Excavation Endpoint Soil Sampling Results

Former CAMCO Site - Parcel A Soil IRM
Ronkonkoma, New York

		Location	Excavation Perimeter		Excavation Bottom	
		Sample Name	SIDEWALL 5	SIDEWALL 6	BOTTOM 1	BOTTOM 2
		Depth (fbg)	1.5-2.0	1.5-2.0	3.0-3.5	3.0-3.5
		Laboratory ID:	L1428054-05	L1428054-06	L1428054-08	L1428054-09
VOC (Limits and Results in mg/kg)	Limits (1)	Sampling Date:	19-NOV-14	19-NOV-14	19-NOV-14	19-NOV-14
1,1,1,2-Tetrachloroethane	NA		0.0003 U	0.019 U	0.022 U	0.016 U
1,1,1-Trichloroethane	0.68		0.0001 U	0.0067 U	0.0076 U	0.0055 U
1,1,2,2-Tetrachloroethane	NA		0.0001 U	0.0061 U	0.0069 U	0.005 U
1,1,2-Trichloroethane	NA		0.00029 U	0.018 U	0.021 U	0.015 U
1,1-Dichloroethane	0.27		0.00008 U	0.0052 U	0.0058 U	0.0043 U
1,1-Dichloroethene	0.33		0.00025 U	0.016 U	0.018 U	0.013 U
1,1-Dichloropropene	NA		0.00014 U	0.0086 U	0.0096 U	0.0071 U
1,2,3-Trichlorobenzene	NA		0.00014 U	**0.16 J**	0.01 U	0.0074 U
1,2,3-Trichloropropane	NA		0.00016 U	0.0099 U	0.011 U	0.0081 U
1,2,4,5-Tetramethylbenzene	NA		**0.0078**	**0.09 J**	**0.33**	**0.37**
1,2,4-Trichlorobenzene	NA		0.00017 U	**0.57**	0.012 U	0.0091 U
1,2,4-Trimethylbenzene	3.6		**0.071**	**0.45**	**2.5**	**2.6**
1,2-Dibromo-3-chloropropane	NA		0.00038 U	0.024 U	0.027 U	0.02 U
1,2-Dibromoethane	NA		0.00017 U	0.01 U	0.012 U	0.0087 U
1,2-Dichlorobenzene	1.1		**0.003 J**	**0.038 J**	**0.1 J**	**0.41**
1,2-Dichloroethane	0.02		0.00011 U	0.0069 U	0.0077 U	0.0057 U
1,2-Dichloroethene (total)	NA		**0.00019 J**	0.0087 U	0.0097 U	0.0071 U
1,2-Dichloropropane	NA		0.00022 U	0.014 U	0.016 U	0.011 U
1,3,5-Trimethylbenzene	8.4		**0.036**	**0.21 J**	**1.2**	**1.2**
1,3-Dichlorobenzene	2.4		**0.00048 J**	**0.15 J**	0.0092 U	0.0067 U
1,3-Dichloropropane	NA		0.00014 U	0.0088 U	0.0099 U	0.0072 U
1,3-Dichloropropene, Total	NA		0.00011 U	0.0071 U	0.008 U	0.0059 U
1,4-Dichlorobenzene	1.8		**0.0025 J**	**0.046 J**	**0.053 J**	**0.12 J**
1,4-Diethylbenzene	NA		**0.043**	**0.44**	**1.8**	**1.8**
1,4-Dioxane	0.1		0.014 U	0.88 U	0.98 U	0.72 U
2,2-Dichloropropane	NA		0.00022 U	0.014 U	0.015 U	0.011 U
2-Butanone	0.12		0.00026 U	0.016 U	0.018 U	0.014 U
2-Hexanone	NA		0.00064 U	0.04 U	0.045 U	0.033 U
4-Ethyltoluene	NA		**0.03**	**0.15 J**	**1.1**	**1.1**
4-Methyl-2-pentanone	NA		0.00023 U	0.015 U	0.017 U	0.012 U
Acetone	0.05		0.00099 U	0.063 U	0.071 U	0.052 U
Acrylonitrile	NA		0.00049 U	0.031 U	0.035 U	0.026 U
Benzene	0.06		0.00011 U	0.0072 U	0.008 U	0.0059 U
Bromobenzene	NA		0.0002 U	0.013 U	0.014 U	0.01 U
Bromochloromethane	NA		0.00026 U	0.017 U	0.019 U	0.014 U
Bromodichloromethane	NA		0.00016 U	0.01 U	0.012 U	0.0086 U
Bromoform	NA		0.00022 U	0.014 U	0.016 U	0.012 U
Bromomethane	NA		0.00032 U	0.02 U	0.023 U	0.017 U
Carbon disulfide	NA		0.001 U	0.067 U	0.075 U	0.055 U
Carbon tetrachloride	0.76		0.0002 U	0.013 U	0.014 U	0.01 U
Chlorobenzene	1.1		**0.0047**	**0.061**	**0.12**	**0.11**
Chloroethane	NA		0.0003 U	0.019 U	0.022 U	0.016 U
Chloroform	0.37		0.00035 U	0.022 U	0.025 U	0.018 U
Chloromethane	NA		0.00028 U	0.018 U	0.02 U	0.015 U
cis-1,2-Dichloroethene	0.25		**0.00019 J**	0.0087 U	0.0097 U	0.0071 U
cis-1,3-Dichloropropene	NA		0.00011 U	0.0071 U	0.008 U	0.0059 U
Dibromochloromethane	NA		0.00015 U	0.0093 U	0.01 U	0.0077 U
Dibromomethane	NA		0.00016 U	0.0099 U	0.011 U	0.0082 U
Dichlorodifluoromethane	NA		0.00018 U	0.012 U	0.013 U	0.0095 U
Ethyl ether	NA		0.00025 U	0.016 U	**0.019 J**	0.013 U
Ethylbenzene	1		**0.00085 J**	0.0077 U	0.0087 U	0.0064 U
Hexachlorobutadiene	NA		0.00022 U	0.014 U	0.016 U	0.011 U
Isopropylbenzene	NA		**0.0012**	0.0063 U	**0.066 J**	**0.064**
Methyl tert butyl ether	0.93		0.00008 U	0.0051 U	0.0058 U	0.0042 U
Methylene chloride	0.05		0.001 U	0.067 U	0.075 U	0.055 U
n-Butylbenzene	12		0.00011 U	**0.052 J**	**0.28**	**0.33**
n-Propylbenzene	3.9		**0.0031**	0.0066 U	**0.23**	**0.23**
Naphthalene	12		**0.0063**	**0.075 J**	**0.18 J**	**0.2 J**
o-Chlorotoluene	NA		0.00015 U	0.0097 U	0.011 U	0.008 U
o-Xylene	NA		**0.0022**	0.01 U	**0.072 J**	**0.055 J**
p-Chlorotoluene	NA		0.00013 U	0.0081 U	0.009 U	0.0066 U
p-Isopropyltoluene	NA		**0.0073**	**0.06 J**	**0.29**	**0.31**
p/m-Xylene	NA		**0.004**	0.012 U	**0.12 J**	**0.084 J**
sec-Butylbenzene	11		**0.0031**	**0.038 J**	**0.21**	**0.22**

Table 4-1: Summary of Excavation Endpoint Soil Sampling Results

Former CAMCO Site - Parcel A Soil IRM
Ronkonkoma, New York

		Location	Excavation Perimeter		Excavation Bottom	
		Sample Name	SIDEWALL 5	SIDEWALL 6	BOTTOM 1	BOTTOM 2
		Depth (fbg)	1.5-2.0	1.5-2.0	3.0-3.5	3.0-3.5
		Laboratory ID:	L1428054-05	L1428054-06	L1428054-08	L1428054-09
VOC (Limits and Results in mg/kg)	Limits (1)	Sampling Date:	19-NOV-14	19-NOV-14	19-NOV-14	19-NOV-14
Styrene	NA		0.00038 U	0.024 U	0.027 U	0.02 U
tert-Butylbenzene	**5.9**		**0.00085 J**	0.0082 U	0.0092 U	0.0068 U
Tetrachloroethene	**1.3**		**0.0007 J**	0.0085 U	0.0096 U	0.007 U
Toluene	**0.7**		0.00053 J	0.012 U	**0.063 J**	0.0097 U
trans-1,2-Dichloroethene	**0.19**		0.0002 U	0.013 U	0.014 U	0.01 U
trans-1,3-Dichloropropene	NA		0.00012 U	0.0073 U	0.0082 U	0.006 U
trans-1,4-Dichloro-2-butene	NA		0.00037 U	0.024 U	0.027 U	0.02 U
Trichloroethene	**0.47**		**0.003**	0.0076 U	0.0085 U	0.0062 U
Trichlorofluoromethane	NA		0.00037 U	0.024 U	0.026 U	0.019 U
Vinyl acetate	NA		0.00013 U	0.008 U	0.009 U	0.0066 U
Vinyl chloride	**0.02**		0.00011 U	0.0071 U	0.008 U	0.0059 U
Xylene (Total)	**0.26**		**0.0062**	0.01 U	**0.19 J**	**0.14 J**

Notes:
Analysis conducted by Alpha Analytical, Inc.
(1) NYSDEC 375 UNRES. Limits.
(2) Duplicate of SIDEWALL 1.
NA = Not available, no value specified in NYSDEC 375 UNRES. Limits.
U - Compound was not detected relative to the indicated reporting limit.
J - Estimated concentration.

Table 4-2: Summary of Imported Fill Characterization Sampling Results - Discrete Samples

Former CAMCO Site - Parcel A Soil IRM
Ronkonkoma, New York

		SampleID:	Fill D1	Fill D2	Fill D3	Fill D4
		Laboratory ID:	1411047-01	1411047-02	1411047-03	1411047-04
	Limits (1)	Sampling Date:	11/7/2014	11/7/2014	11/7/2014	11/7/2014
VOC (ug/kg)						
1,1,1,2-Tetrachloroethane	NA		2.1 U	2 U	2 U	5.2 U
1,1,1-Trichloroethane	680		2.1 U	2 U	2 U	5.2 U
1,1,2,2-Tetrachloroethane	NA		2.1 U	2 U	2 U	5.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		2.1 U	2 U	2 U	5.2 U
1,1,2-Trichloroethane	NA		2.1 U	2 U	2 U	5.2 U
1,1-Dichloroethane	270		2.1 U	2 U	2 U	5.2 U
1,1-Dichloroethene	330		2.1 U	2 U	2 U	5.2 U
1,1-Dichloropropene	NA		2.1 U	2 U	2 U	5.2 U
1,2,3-Trichlorobenzene	NA		2.1 U	2 U	2 U	5.2 U
1,2,3-Trichloropropane	NA		2.1 U	2 U	2 U	5.2 U
1,2,4,5-Tetramethylbenzene	NA		2.1 U	2 U	2 U	5.2 U
1,2,4-Trichlorobenzene	NA		2.1 U	2 U	2 U	5.2 U
1,2,4-Trimethylbenzene	3600		2.1 U	2 U	2 U	5.2 U
1,2-Dibromo-3-chloropropane	NA		2.1 U	2 U	2 U	5.2 U
1,2-Dibromoethane	NA		2.1 U	2 U	2 U	5.2 U
1,2-Dichlorobenzene	1100		2.1 U	2 U	2 U	5.2 U
1,2-Dichloroethane	20		2.1 U	2 U	2 U	5.2 U
1,2-Dichloropropane	NA		2.1 U	2 U	2 U	5.2 U
1,3,5-Trimethylbenzene	8400		2.1 U	2 U	2 U	5.2 U
1,3-Dichlorobenzene	2400		2.1 U	2 U	2 U	5.2 U
1,3-dichloropropane	NA		2.1 U	2 U	2 U	5.2 U
1,4-Dichlorobenzene	1800		2.1 U	2 U	2 U	5.2 U
1,4-Dioxane	100		2.1 U	2 U	2 U	5.2 U
2,2-Dichloropropane	NA		2.1 U	2 U	2 U	5.2 U
2-Butanone	120		4.2 U	3.9 U	3.9 U	10 U
2-Chloroethyl vinyl ether	NA		2.1 U	2 U	2 U	5.2 U
2-Chlorotoluene	NA		2.1 U	2 U	2 U	5.2 U
2-Hexanone	NA		4.2 U	3.9 U	3.9 U	10 U
2-Propanol	NA		2.1 U	2 U	2 U	5.2 U
4-Chlorotoluene	NA		2.1 U	2 U	2 U	5.2 U
4-Isopropyltoluene	NA		2.1 U	2 U	2 U	5.2 U
4-Methyl-2-pentanone	NA		4.2 U	3.9 U	3.9 U	10 U
Acetone	50		2.2 J	2.1 J	3.9 U	10 U
Benzene	60		2.1 U	2 U	2 U	5.2 U
Bromobenzene	NA		2.1 U	2 U	2 U	5.2 U
Bromochloromethane	NA		2.1 U	2 U	2 U	5.2 U
Bromodichloromethane	NA		2.1 U	2 U	2 U	5.2 U
Bromoform	NA		2.1 U	2 U	2 U	5.2 U
Bromomethane	NA		2.1 U	2 U	2 U	5.2 U
Carbon disulfide	NA		2.1 U	2 U	2 U	5.2 U
Carbon tetrachloride	760		2.1 U	2 U	2 U	5.2 U
Chlorobenzene	1100		2.1 U	2 U	2 U	5.2 U
Chlorodifluoromethane	NA		2.1 U	2 U	2 U	5.2 U
Chloroethane	NA		2.1 U	2 U	2 U	5.2 U
Chloroform	370		2.1 U	2 U	2 U	5.2 U
Chloromethane	NA		2.1 U	2 U	2 U	5.2 U
cis-1,2-Dichloroethene	250		2.1 U	2 U	2 U	5.2 U
cis-1,3-Dichloropropene	NA		2.1 U	2 U	2 U	5.2 U
Cyclohexane	NA		2.1 U	2 U	2 U	5.2 U
Dibromochloromethane	NA		2.1 U	2 U	2 U	5.2 U
Dibromomethane	NA		2.1 U	2 U	2 U	5.2 U
Dichlorodifluoromethane	NA		2.1 U	2 U	2 U	5.2 U
Diisopropyl ether	NA		2.1 U	2 U	2 U	5.2 U
Ethanol	NA		8.4 U	7.8 U	7.9 U	21 U

Table 4-2: Summary of Imported Fill Characterization Sampling Results - Discrete Samples

Former CAMCO Site - Parcel A Soil IRM
Ronkonkoma, New York

		SampleID:	Fill D1	Fill D2	Fill D3	Fill D4
		Laboratory ID:	1411047-01	1411047-02	1411047-03	1411047-04
	Limits (1)	Sampling Date:	11/7/2014	11/7/2014	11/7/2014	11/7/2014
Ethylbenzene	1000		2.1 U	2 U	2 U	5.2 U
Freon-114	NA		2.1 U	2 U	2 U	5.2 U
Hexachlorobutadiene	NA		2.1 U	2 U	2 U	5.2 U
Isopropylbenzene	NA		2.1 U	2 U	2 U	5.2 U
m,p-Xylene	260		4.2 U	3.9 U	3.9 U	10 U
Methyl Acetate	NA		2.1 U	2 U	2 U	5.2 U
Methyl tert-butyl ether	930		2.1 U	2 U	2 U	5.2 U
Methylene chloride	50		2.2 B	2.4 B	2.3 B	10 U
Naphthalene	12000		2.1 U	2 U	2 U	5.2 U
n-Butylbenzene	12000		2.1 U	2 U	2 U	5.2 U
n-Propylbenzene	3900		2.1 U	2 U	2 U	5.2 U
o-Xylene	260		2.1 U	2 U	2 U	5.2 U
p-Diethylbenzene	NA		2.1 U	2 U	2 U	5.2 U
p-Ethyltoluene	NA		2.1 U	2 U	2 U	5.2 U
sec-Butylbenzene	11000		2.1 U	2 U	2 U	5.2 U
Styrene	NA		2.1 U	2 U	2 U	5.2 U
t-Butyl alcohol	NA		2.1 U	2 U	2 U	5.2 U
tert-Butylbenzene	5900		2.1 U	2 U	2 U	5.2 U
Tetrachloroethene	1300		2.1 U	2 U	2 U	5.2 U
Toluene	700		2.1 U	2 U	2 U	5.2 U
trans-1,2-Dichloroethene	190		2.1 U	2 U	2 U	5.2 U
trans-1,3-Dichloropropene	NA		2.1 U	2 U	2 U	5.2 U
Trichloroethene	470		2.1 U	2 U	2 U	5.2 U
Trichlorofluoromethane	NA		2.1 U	2 U	2 U	5.2 U
Vinyl acetate	NA		2.1 U	2 U	2 U	5.2 U
Vinyl chloride	20		2.1 U	2 U	2 U	5.2 U

Notes:
Samples collected at Ranco Sand and Stone, Manorville, NY.
Analysis conducted by American Analytical, Farmingdale, NY.
(1) NYSDEC 375 UNRES. Limits.
NA = Not available, no value specified in NYSDEC 375 UNRES. Limits.
U - Compound was not detected relative to the indicated reporting limit.
B - Compound was found in associated method blank.
J - Estimated concentration.

Table 4-2: Summary of Imported Fill Characterization Sampling Results - Composite Samples

Former CAMCO Site - Parcel A Soil IRM
Ronkonkoma, New York

		SampleID:	Fill C1	Fill C2
		Laboratory ID:	1411047-05	1411047-06
	Limits (1)	Sampling Date:	11/7/2014	11/7/2014
SVOC (ug/kg)				
1,2,4-Trichlorobenzene	NA		260 U	260 U
1,2-Dichlorobenzene	1100		260 U	260 U
1,3-Dichlorobenzene	2400		260 U	260 U
1,4-Dichlorobenzene	1800		260 U	260 U
2,4,5-Trichlorophenol	NA		260 U	260 U
2,4,6-Trichlorophenol	NA		260 U	260 U
2,4-Dichlorophenol	NA		260 U	260 U
2,4-Dimethylphenol	NA		260 U	260 U
2,4-Dinitrophenol	NA		530 U	520 U
2,4-Dinitrotoluene	NA		260 U	260 U
2,6-Dinitrotoluene	NA		260 U	260 U
2-Chloronaphthalene	NA		260 U	260 U
2-Chlorophenol	NA		260 U	260 U
2-Methylnaphthalene	NA		260 U	260 U
2-Methylphenol	330		260 U	260 U
2-Nitroaniline	NA		260 U	260 U
2-Nitrophenol	NA		260 U	260 U
3,3´-Dichlorobenzidine	NA		260 U	260 U
3+4-Methylphenol	330		260 U	260 U
3-Nitroaniline	NA		260 U	260 U
4,6-Dinitro-2-methylphenol	NA		530 U	520 U
4-Bromophenyl phenyl ether	NA		260 U	260 U
4-Chloro-3-methylphenol	NA		260 U	260 U
4-Chloroaniline	NA		260 U	260 U
4-Chlorophenyl phenyl ether	NA		260 U	260 U
4-Nitroaniline	NA		260 U	260 U
4-Nitrophenol	NA		530 U	520 U
Acenaphthene	20000		260 U	260 U
Acenaphthylene	100000		260 U	260 U
Acetophenone	NA		260 U	260 U
Aniline	NA		260 U	260 U
Anthracene	100000		260 U	260 U
Atrazine	NA		260 U	260 U
Azobenzene	NA		260 U	260 U
Benzaldehyde	NA		530 U	520 U
Benzidine	NA		530 U	520 U
Benzo(a)anthracene	1000		260 U	260 U
Benzo(a)pyrene	1000		160 U	160 U
Benzo(b)fluoranthene	1000		260 U	260 U
Benzo(g,h,i)perylene	100000		260 U	260 U
Benzo(k)fluoranthene	800		260 U	260 U
Benzoic acid	NA		530 U	520 U
Benzyl alcohol	NA		260 U	260 U
Biphenyl	NA		260 U	260 U
Bis(2-chloroethoxy)methane	NA		260 U	260 U
Bis(2-chloroethyl)ether	NA		260 U	260 U
Bis(2-chloroisopropyl)ether	NA		260 U	260 U
Bis(2-ethylhexyl)phthalate	NA		260 U	260 U
Butyl benzyl phthalate	NA		260 U	260 U
Caprolactam	NA		260 U	260 U
Carbazole	NA		260 U	260 U
Chrysene	1000		260 U	260 U
Dibenzo(a,h)anthracene	330		160 U	160 U
Dibenzofuran	7000		260 U	260 U

Table 4-2: Summary of Imported Fill Characterization Sampling Results - Composite Samples

Former CAMCO Site - Parcel A Soil IRM
Ronkonkoma, New York

		SampleID:	Fill C1	Fill C2
		Laboratory ID:	1411047-05	1411047-06
	Limits (1)	Sampling Date:	11/7/2014	11/7/2014
Diethyl phthalate	NA		260 U	260 U
Dimethyl phthalate	NA		260 U	260 U
Di-n-butyl phthalate	NA		260 U	260 U
Di-n-octyl phthalate	NA		530 U	520 U
Fluoranthene	100000		260 U	260 U
Fluorene	30000		260 U	260 U
Hexachlorobenzene	330		260 U	260 U
Hexachlorobutadiene	NA		260 U	260 U
Hexachlorocyclopentadiene	NA		260 U	260 U
Hexachloroethane	NA		260 U	260 U
Indeno(1,2,3-c,d)pyrene	500		260 U	260 U
Isophorone	NA		260 U	260 U
Naphthalene	12000		260 U	260 U
Nitrobenzene	NA		260 U	260 U
N-Nitrosodimethylamine	NA		260 U	260 U
N-Nitrosodi-n-propylamine	NA		160 U	160 U
N-Nitrosodiphenylamine	NA		260 U	260 U
Parathion	NA		530 U	520 U
Pentachlorophenol	800		530 U	520 U
Phenanthrene	100000		260 U	260 U
Phenol	330		260 U	260 U
Pyrene	100000		260 U	260 U
Pyridine	NA		260 U	260 U
HERBICIDES (ug/kg)				
2,4,5-T	NA		3.2 U	3.2 U
2,4,5-TP	3800		3.2 U	3.2 U
2,4-D	NA		3.2 U	3.2 U
Dicamba	NA		3.2 U	2.9 J
PESTICIDES (ug/kg)				
4,4´-DDD	3.3		2.6 U	1.6 J
4,4´-DDE	3.3		2.6 U	1.7 J
4,4´-DDT	3.3		2.6 U	1.4 J
Aldrin	5		2.6 U	2.6 U
alpha-BHC	20		2.6 U	2.6 U
alpha-Chlordane	94		11 U	10 U
beta-BHC	36		2.6 U	2.6 U
Chlorobenzilate	NA		2.6 U	2.6 U
DBCP	NA		2.6 U	2.6 U
delta-BHC	40		1.1 J	2.6 U
Dieldrin	5		2.6 U	1.6 J
Endosulfan I	2400		2.6 U	2.6 U
Endosulfan II	2400		2.6 U	2.6 U
Endosulfan sulfate	2400		2.6 U	2.6 U
Endrin	14		2.6 U	2.6 U
Endrin aldehyde	NA		2.6 U	2.6 U
Endrin ketone	NA		2.6 U	2.6 U
gamma-BHC	100		2.6 U	2.6 U
gamma-Chlordane	NA		11 U	10 U
Heptachlor	42		3.2 U	3.1 U
Heptachlor epoxide	NA		2.6 U	2.6 U
Hexachlorobenzene	330		2.6 U	2.6 U
Hexachlorocyclopentadiene	NA		3.2 U	3.1 U
Methoxychlor	NA		2.6 U	2.6 U

Table 4-2: Summary of Imported Fill Characterization Sampling Results - Composite Samples

Former CAMCO Site - Parcel A Soil IRM
Ronkonkoma, New York

		SampleID:	Fill C1	Fill C2
		Laboratory ID:	1411047-05	1411047-06
	Limits (1)	Sampling Date:	11/7/2014	11/7/2014
Toxaphene	NA		26 U	26 U
PCBS (ug/kg)				
Aroclor 1016	100		21 U	21 U
Aroclor 1221	100		21 U	21 U
Aroclor 1232	100		21 U	21 U
Aroclor 1242	100		21 U	21 U
Aroclor 1248	100		21 U	21 U
Aroclor 1254	100		21 U	21 U
Aroclor 1260	100		21 U	21 U
Aroclor 1262	100		21 U	21 U
Aroclor 1268	100		21 U	21 U
METALS (mg/kg)				
Aluminum	NA		1320	1290
Antimony	NA		0.532 U	0.522 U
Arsenic	13		0.519 J	0.537
Barium	350		5.85	5.88
Beryllium	7.2		0.425 U	0.418 U
Cadmium	2.5		0.425 U	0.418 U
Calcium	NA		222	214
Chromium	NA		3.58	2.42
Cobalt	NA		0.425 U	0.418 U
Copper	50		1.51	1.47
Iron	NA		1850	1900
Lead	63		1.6	1.61
Magnesium	NA		320	341
Manganese	1600		42.1	42.7
Mercury	0.18		0.0128 U	0.0127 U
Nickel	30		1.5	1.61
Potassium	NA		176	173
Selenium	3.9		0.532 U	0.522 U
Silver	2		0.425 U	0.418 U
Sodium	NA		14.3	11.1
Thallium	NA		0.532 U	0.522 U
Vanadium	NA		5.06	3.92
Zinc	109		5.71	5
WET CHEMISTRY (mg/kg)				
Chromium, Hexavalent	1		0.527 U	0.529 U
Chromium, Trivalent	30		3.58	2.42
Cyanide Total & Amenable	27		0.0688 J	0.402
Percent Moisture	NA		5.93	5.4

Notes:
Samples collected at Ranco Sand and Stone, Manorville, NY.
Analysis conducted by American Analytical, Farmingdale, NY.
(1) NYSDEC 375 UNRES. Limits.
NA = Not available, no value specified in NYSDEC 375 UNRES. Limits.
U - Compound was not detected relative to the indicated reporting limit.
J - Estimated concentration.

APPENDICES

APPENDIX A

Survey Map, Metes and Bounds

June 3, 1986

On a motion of Councilman DeMott, seconded by Councilman Boncore, be it,

RESOLVED that the Supervisor is hereby authorized to enter into a lease agreement with CENTRAL AVIATION AND MARINE CORPORATION with its principal offices at Long Island MacArthur Airport, Ronkonkoma, NY for the rental of an existing building and attendant land located at Long Island MacArthur Airport on the land described as follows:

LEASE PARCEL A:

BEGINNING at a point being the following two (2) courses and distances from the intersection of the east side of Smithtown Avenue with the west side of Johnson Avenue (also known as Moscow Avenue).

1. S 01°21'47" W a distance of 2615.68' to a point;
2. S 89°59'20" E a distance of 360.93' to the point or place of beginning.

Running thence from said point or place of beginning northerly N 00°00'40" E a distance of 255.00' to a point. Running thence easterly S 89°59'20" E a distance of 525.25' to a point. Running thence southerly S 00°00'40" W a distance of 255.00' to a point. Running thence westerly N 89°59'20" W a distance of 525.25' to the point or place of beginning.

Said property having an area of 3.0748 acres.

The term of this lease shall be for a period of three years with one five year option period. The rent for the first year of the lease shall be [redacted] per year. The rent for the second and third year of the lease and each year of the five year option period shall be [redacted] per year with an annual increase of the Consumer Price Increase, starting at the end of the first year, not to exceed nine percent per annum using the 1986 rent as the base annual rent.

Upon a vote being taken, the result was: Unanimously carried.

TOWN OF ISLIP
SUFFOLK COUNTY, NEW YORK
AREA = 3.0748 ACRES

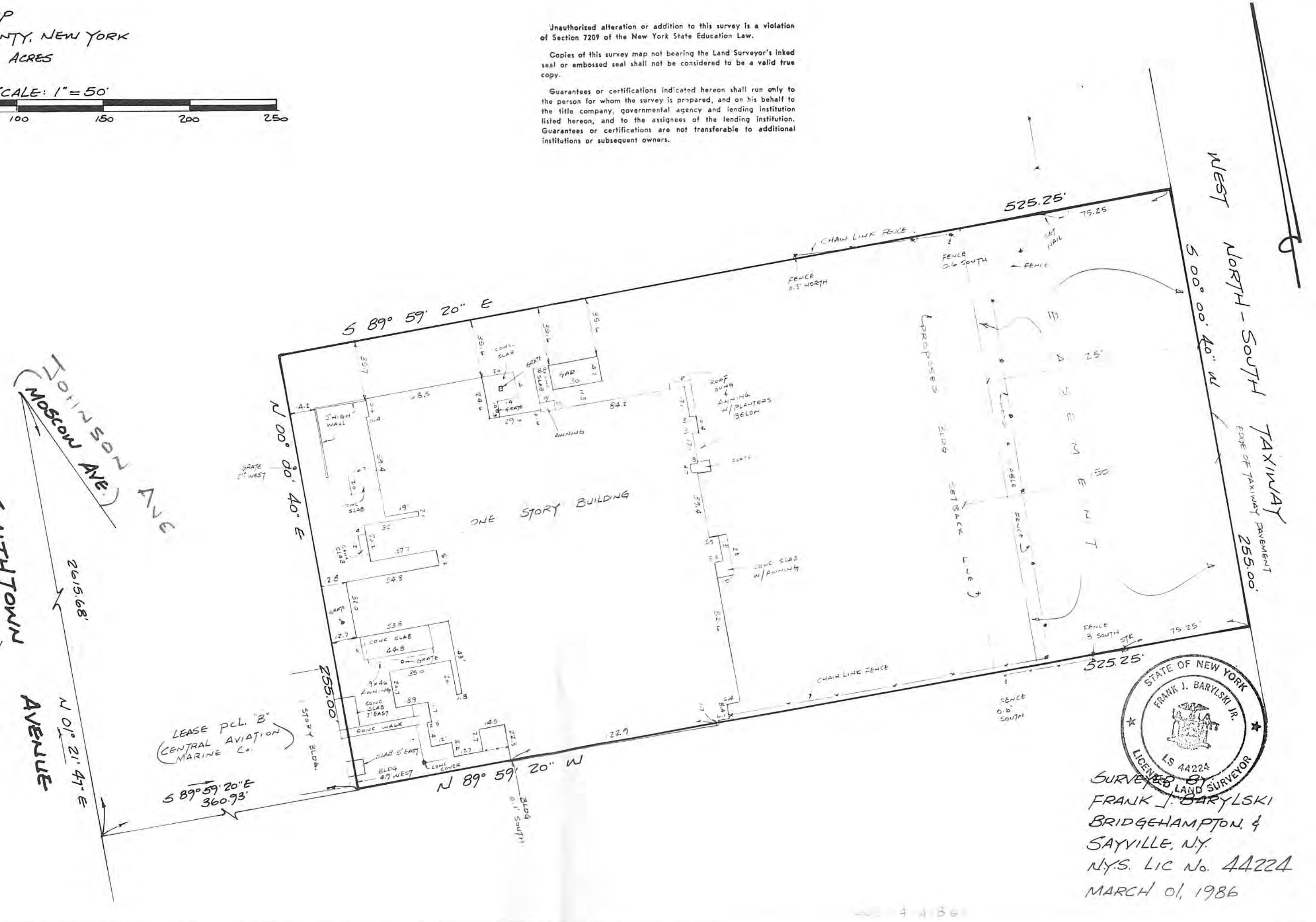
SCALE: 1" = 50'

50 100 150 200 250

Unauthorized alteration or addition to this survey is a violation of Section 7209 of the New York State Education Law.

Copies of this survey map not bearing the Land Surveyor's inked seal or embossed seal shall not be considered to be a valid true copy.

Guarantees or certifications indicated hereon shall run only to the person for whom the survey is prepared, and on his behalf to the title company, governmental agency and lending institution listed hereon, and to the assignees of the lending institution. Guarantees or certifications are not transferable to additional institutions or subsequent owners.



STATE OF NEW YORK
FRANK J. BARYLSKI JR.
LS 44224
LICENSED LAND SURVEYOR

SURVEYED BY
FRANK J. BARYLSKI
BRIDGEHAMPTON & SAYVILLE, N.Y.
N.Y.S. LIC No. 44224
MARCH 01, 1986

2-4-190

December 18, 1979

On a motion of Councilman DeMott, seconded by Councilman Mackey, be it,

RESOLVED, that the Supervisor is hereby authorized to enter into a lease agreement with Central Aviation and Marine Corporation with its principal office at Long Island MacArthur Airport, Ronkonkoma, New York, for acreage to construct a building on Long Island MacArthur Airport for the purpose of operating a repair facility for aircraft components and accessories.

The acreage is described as follows:

ALL that certain plot, piece or parcel of land situate at Long Island MacArthur Airport, Ronkonkoma, Town of Islip, Suffolk County, New York bounded and described as follows:

BEGINNING at a point on the easterly side of Smithtown Avenue distant 2539.79' southerly from the corner formed by the intersection of the easterly side of Smithtown Avenue and the westerly side of Moscow Avenue; from said point of beginning, running thence S 89° 59' 20" E 359.16' to a point; running thence S 0° 00' 40" W 75.00' to a point; running thence N 1° 21' 47" E along the easterly side of Smithtown Avenue 75.02' to the point of beginning.

Said lease parcel comprising .62 acres.

The term of the lease shall be fifteen (15) years.

Rent to be paid will be [redacted] per year for the first year with an increase of [redacted] per year for each of the remaining fourteen (14) years.

Upon a vote being taken, the result was: Unanimously carried.

TOWN OF ISLIP
SUFFOLK COUNTY, NEW YORK
AREA = 27,003 S.F.

SCALE: 1" = 50'

0 50' 100' 150' 200' 250'

N

Unauthorized alteration or addition to this survey is a violation of Section 7209 of the New York State Education Law.

Copies of this survey map not bearing the Land Surveyor's inked seal or embossed seal shall not be considered to be a valid true copy.

Guarantees or certifications indicated hereon shall run only to the person for whom the survey is prepared, and on his behalf to the title company, governmental agency and lending institution listed hereon, and to the assignees of the lending institution. Guarantees or certifications are not transferable to additional institutions or subsequent owners.

JOHNSON AVE. (MOSCOW AVE.)

SMITHTOWN AVENUE (49.5' WIDE)

2540.66'

N 01° 21' 47" E 75.02'

LEDGE OF PVMT

S 89° 59' 20" E

359.16'

N 89° 59' 20" W

360.93'

S 00° 00' 40" W 75.00'

180.5

70.5'

STK

R.R. TIE

CHAIN LINK FENCE

FENCE

ASPHALT PVMT.

GRATE

MH

18' CONC SLAB 20

25'

6.5

8.0

RR TIE PLANTER

OVHD. SERVICE LINES

HEAT PUMP'S

HEAT PUMP

NAIL

CONC SLAB 5' NORTH

ONE STORY BUILDING

CONC SLAB 7' EAST

CONC. WALK

SLAB 5' EAST

BLDG. 4.9 WEST

SPIKE

BLDG 2.0' NORTH

CONC SLABS 1' SOUTH

HEAT PUMP'S

LIL # 23C

BLDG 1.9 NORTH

OVERHEAD SERVICE LINES

LIL # 23A

LIL # 23B

BLDG. 5.0' WEST

LEASE PARCEL "A" (CENTRAL AVIATION & MARINE CO)

STATE OF NEW YORK
FRANK J. BARYLSKI JR.
LS 44224
LICENSED LAND SURVEYOR

SURVEYED BY:
FRANK J. BARYLSKI
BRIDGEHAMPTON, & SAYVILLE, N.Y.
N.Y.S. LIC. No. 44224
MARCH 01, 1986

12684-B - 1191

REV. 4-4-86

APPENDIX B

Historical Testing Results Summary

Attachment B-1

From Draft Report - April 2012

EnviroTrac
Environmental Services

FIGURES

SMITHTOWN AVENUE

north

SHED

SG–2

MAIN BUILDING

SG–1

SG–3

WAREHOUSE

INDUSTRIAL BUILDING

LEGEND:

- MACARTHUR AIRPORT STORM WATER DRAINAGE SYSTEM
- STORM DRAIN
- SOIL GAS SAMPLE

0 50

APPROX. SCALE IN FEET

NOTE:

SITE PLAN BASED ON A DRAWING PREPARED BY FENLEY & NICOL, INC.

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924–3001 FAX: (631)924–5001

REVISION DATE:
MARCH 27, 2012

REVISED BY:
T.B.

CAMCO
2125 SMITHTOWN AVENUE
RONKONKOMA, NEW YORK

SOIL VAPOR TESTING LOCATIONS
MARCH 18, 2008

FIGURE #
3–1

north

SMITHTOWN AVENUE

SHED

A–2

SG–8

MAIN BUILDING

PARCEL A

SG–4

SG–5

SG–7

A–3

A–1

SG–6

PARCEL B

WAREHOUSE

INDUSTRIAL BUILDING

LEGEND:

- MACARTHUR AIRPORT STORM WATER DRAINAGE SYSTEM
- STORM DRAIN
- SOIL GAS SAMPLE (SG)
- AMBIENT AIR SAMPLE (A)
- PROPERTY LINE

0 50

APPROX. SCALE IN FEET

NOTE:

SITE PLAN BASED ON A DRAWING PREPARED BY FENLEY & NICOL, INC.

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ENVIRONMENTAL SERVICES
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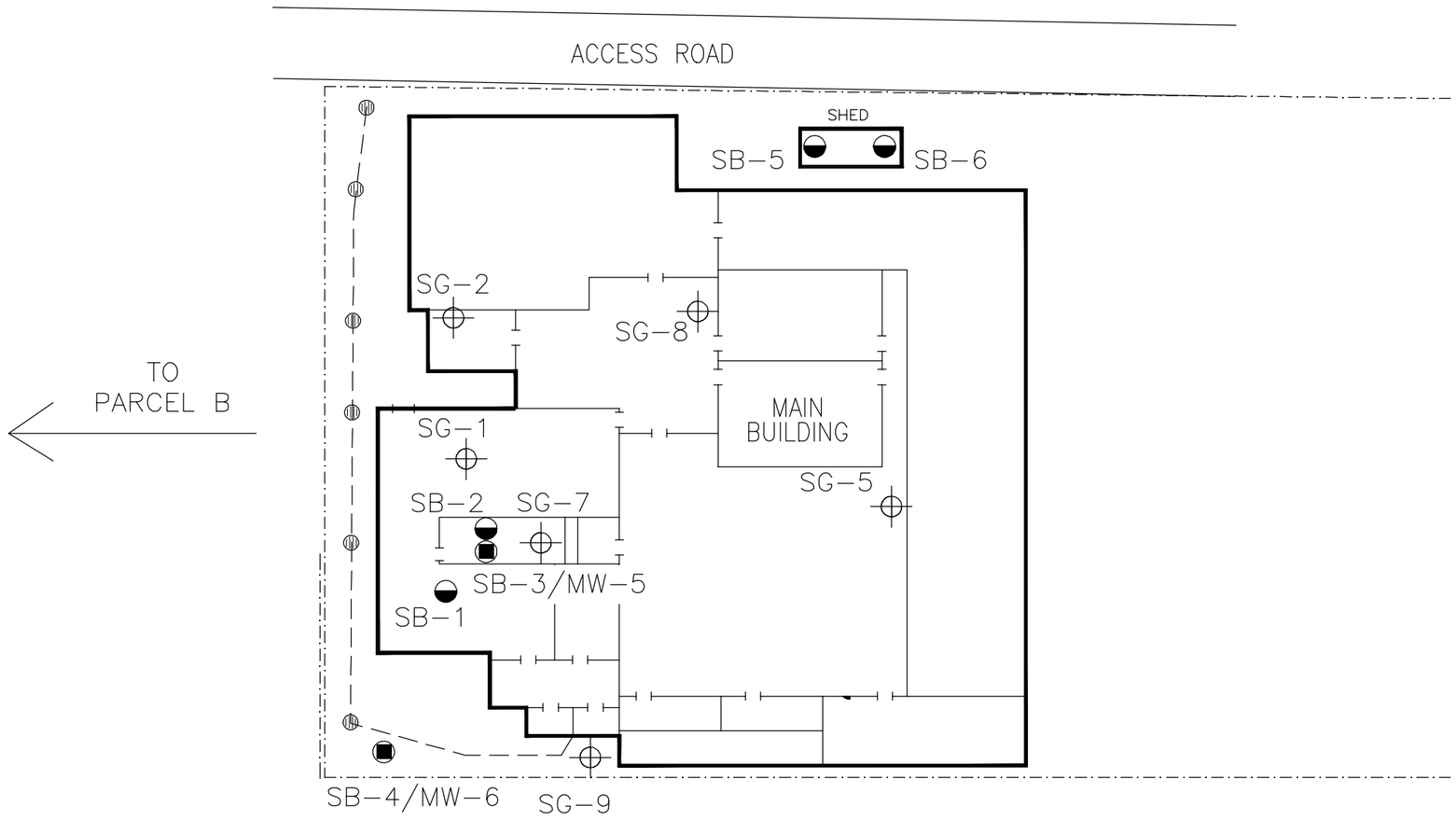
REVISED BY:
T.B.

CAMCO
2125 SMITHTOWN AVENUE
RONKONKOMA, NEW YORK

SOIL VAPOR TESTING LOCATIONS
SEPTEMBER 15, 2008

FIGURE #
3–2



north

LEGEND:

- MACARTHUR AIRPORT STORM WATER DRAINAGE SYSTEM
- PROPERTY LINE
- STORM DRAIN
- SOIL GAS SAMPLE (SG)
- SOIL BORING (SB)
- SOIL BORING/MONITORING WELL

0 50

APPROX. SCALE IN FEET

NOTE:

SITE PLAN BASED ON A DRAWING PREPARED BY FENLEY & NICOL, INC.

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924–3001 FAX: (631)924–5001

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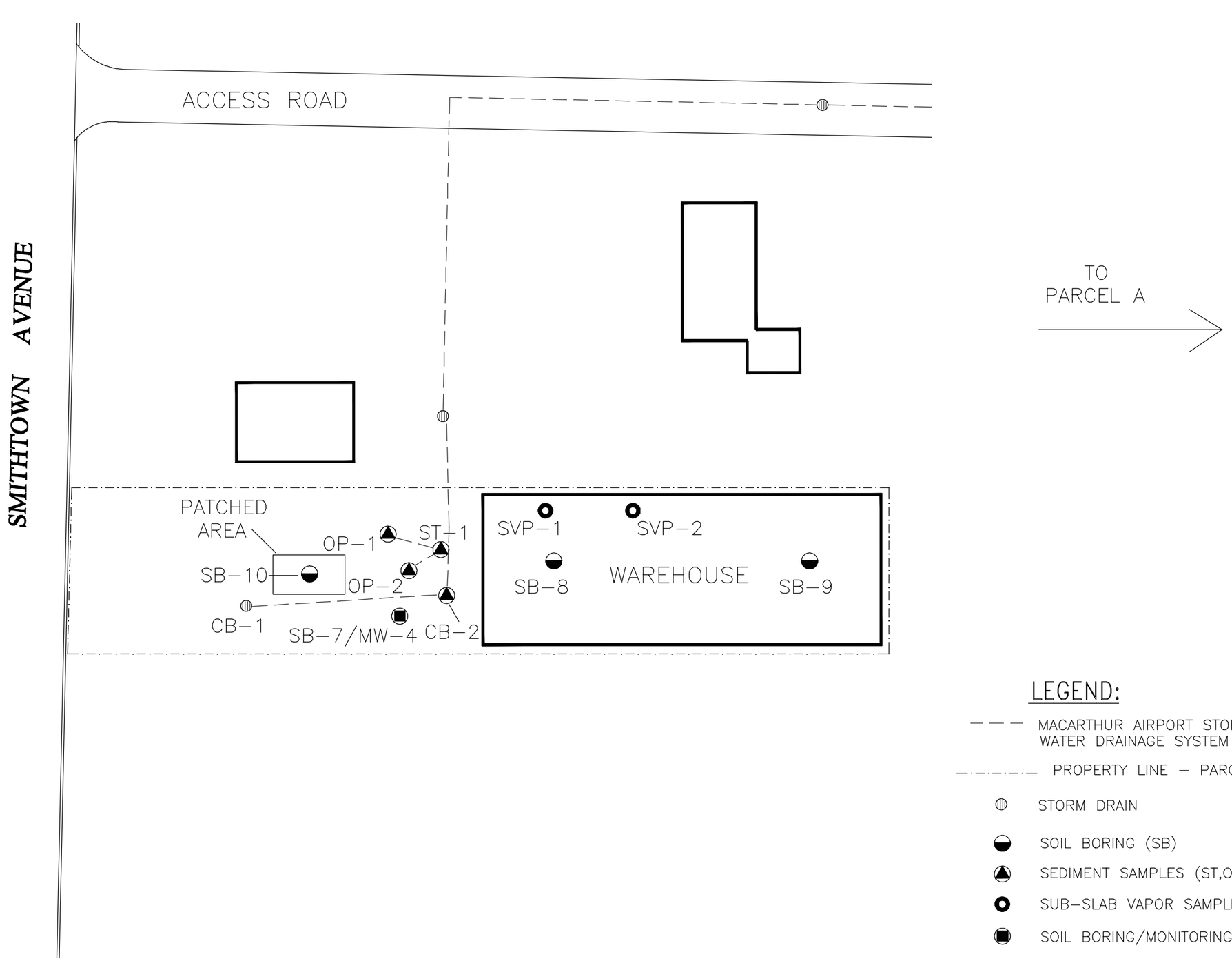
MARCH 27, 2012

REVISED BY:
T.B.

CAMCO
2125 SMITHTOWN AVENUE
RONKONKOMA, NEW YORK

INVESTIGATION LOCATIONS – PARCEL A

FIGURE #
4–2



LEGEND:

- MACARTHUR AIRPORT STORM WATER DRAINAGE SYSTEM
- PROPERTY LINE – PARCEL B
- STORM DRAIN
- SOIL BORING (SB)
- SEDIMENT SAMPLES (ST,OP,CB)
- SUB-SLAB VAPOR SAMPLES (SVP)
- SOIL BORING/MONITORING WELL

NOTE:

SITE PLAN BASED ON A DRAWING PREPARED BY FENLEY & NICOL, INC.

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ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

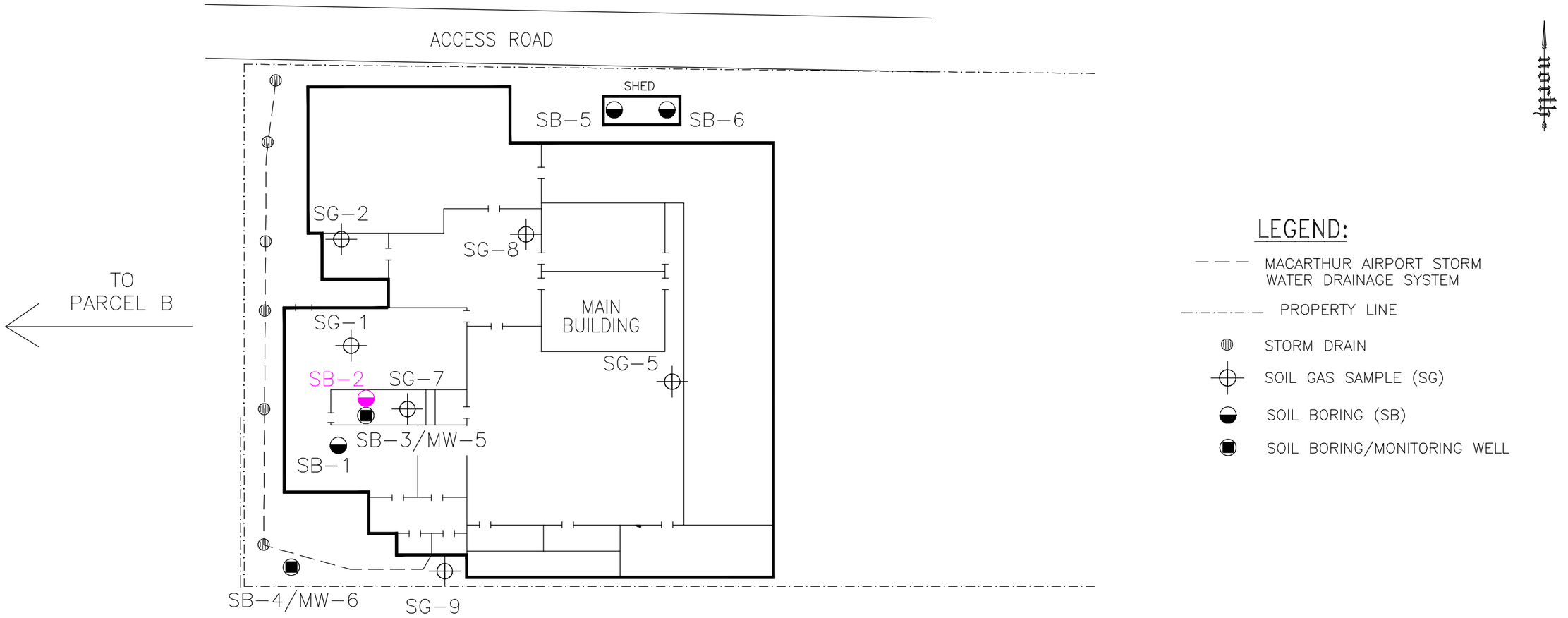
REVISION DATE:
MARCH 29, 2012

REVISED BY:
T.B.

CAMCO
2125 SMITHTOWN AVENUE
RONKONKOMA, NEW YORK

INVESTIGATION LOCATIONS – PARCEL B

FIGURE #
4-3



LEGEND:

- MACARTHUR AIRPORT STORM WATER DRAINAGE SYSTEM
- PROPERTY LINE
- STORM DRAIN
- SOIL GAS SAMPLE (SG)
- SOIL BORING (SB)
- SOIL BORING/MONITORING WELL

Location		SB–1@5'–10'		SB–2@5'–10'	SB–3/MW–5@ 25–30		SB–4/MW–6@ 45–50 FBG		Duplicate (1)		SB–5@5'–10'	
Sampling Date	NY–UNRES	06–DEC–11		06–DEC–11	05–DEC–11		05–DEC–11		15–DEC–11		06–DEC–11	
Polychlorinated Biphenls (mg.kg)												
Aroclor 1248	0.1	0.0334	U	0.128	0.0348	U	0.0334	U	0.0326	U	0.0336	U

Notes:

(1) – Duplicate of sample SB–4/MW–6 @ 45–50 FBG.

Qual. – Laboratory data qualifier.

U – Compound was not detected relative to the indicated limit.

NY–UNRES – 6NYCRR Part 375–6.8(a): Unrestricted Use Soil Cleanup Objectives.

Results exceeds the NY–UNRES.

0 50

APPROX. SCALE IN FEET

NOTE:

SITE PLAN BASED ON A DRAWING PREPARED BY FENLEY & NICOL, INC.

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924–3001 FAX: (631)924–5001

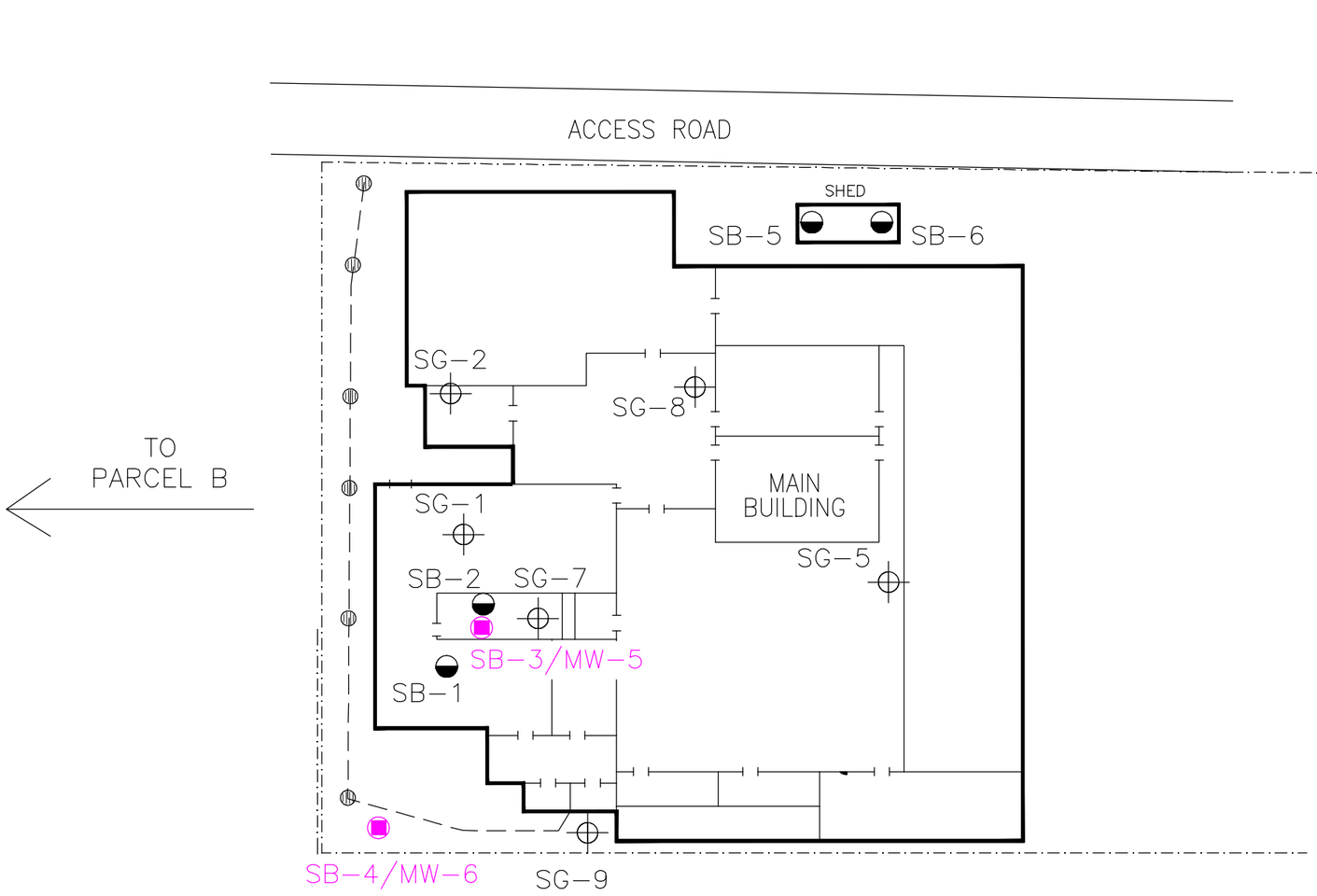
REVISION DATE:
MARCH 29, 2012

REVISED BY:
T.B.

CAMCO
2125 SMITHTOWN AVENUE
RONKONKOMA, NEW YORK

SOIL SAMPLE RESULTS EXCEEDING COMPARISON CRITERIA – PARCEL A

FIGURE #
5–1



LEGEND:

- MACARTHUR AIRPORT STORM WATER DRAINAGE SYSTEM
- PROPERTY LINE
- STORM DRAIN
- SOIL GAS SAMPLE (SG)
- SOIL BORING (SB)
- SOIL BORING/MONITORING WELL

0 50

APPROX. SCALE IN FEET

Location	NY–AWQS	MW–5 16–FEB–12	MW–5 (1) 16–FEB–12	MW–6 16–FEB–12	
Total Metals (ug/l)					
Iron, Total	300	7600	4500	550	
Sodium, Total	20000	28000	46000	20000	
Volatile Organics (ug/l)					
1,2,4–Trimethylbenzene	5	120	140	2.5	U
1,3,5–Trimethylbenzene	5	49	64	2.5	U
Isopropylbenzene	5	3.8	6.2	0.5	U
n–Butylbenzene	5	7.3	6.5	0.5	U
n–Propylbenzene	5	13	20	0.5	U
Naphtalene	10	7.1	16	2.5	U
o–Xylene	5	8	11	1	U
p–Isopropyltoluene	5	15	5	0.5	U
p/m–Xylene	5	4.9	7.2	1	U
sec–Butylbenzene	5	7.4	7.8	0.5	U
Semivolatile Organics (ug/l)					
Naphtalene	10	5.5	11	0.2	U

Notes:

(1) – Duplicate sample.

U – Compound was not detected relative to the indicated limit.

J – Estimated value.

NY–AWQS–NYSDEC Part 703 Groundwater Quality Standard/Guidance Value.

Results exceeds the AWQS.

NOTE:

SITE PLAN BASED ON A DRAWING PREPARED BY FENLEY & NICOL, INC.

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924–3001 FAX: (631)924–5001

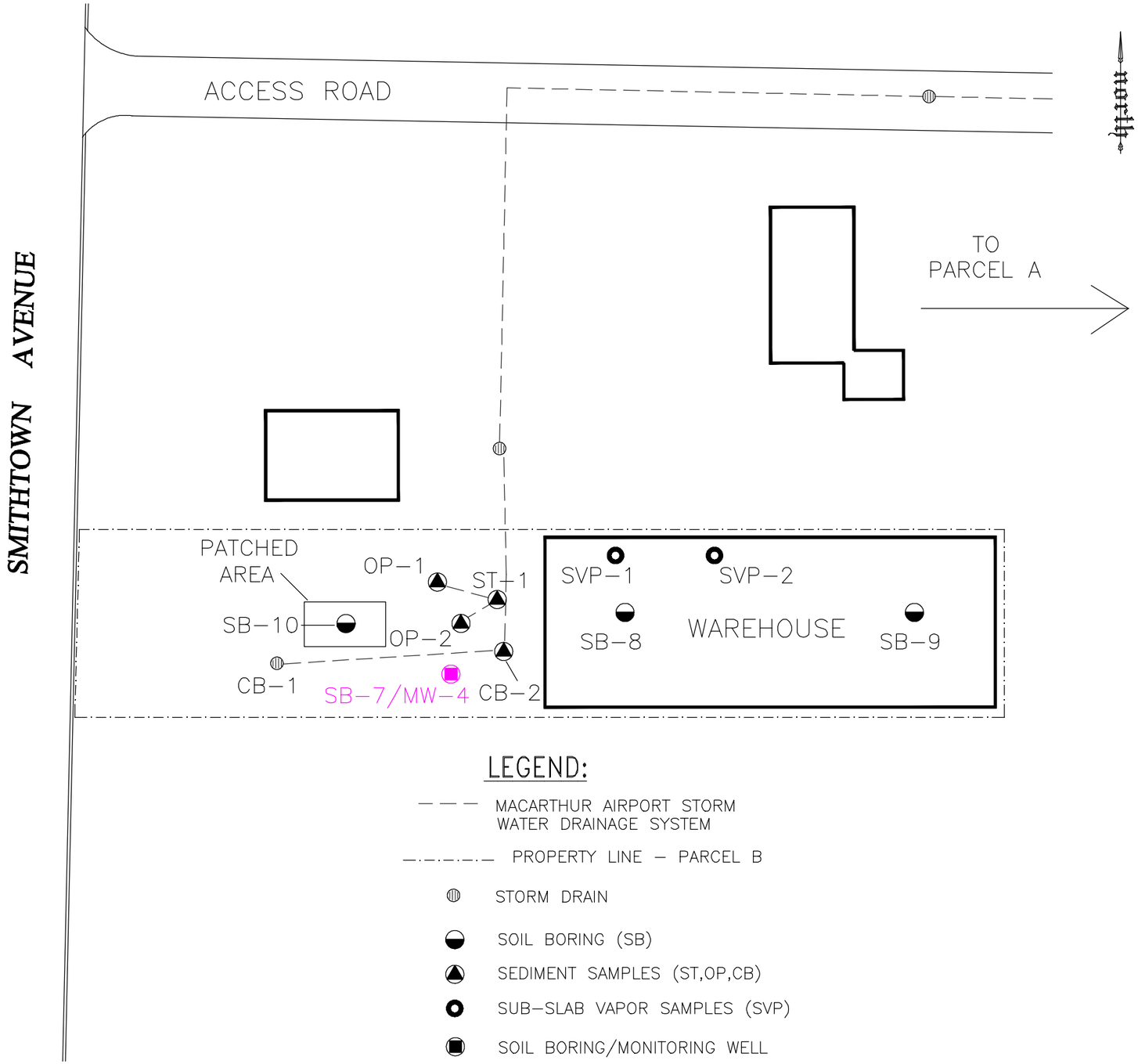
REVISION DATE:
MARCH 29, 2012

REVISED BY:
T.B.

CAMCO
2125 SMITHTOWN AVENUE
RONKONKOMA, NEW YORK

GROUNDWATER SAMPLING RESULTS EXCEEDING COMPARISON CRITERIA – PARCEL A

FIGURE #
5–2



LEGEND:

- MACARTHUR AIRPORT STORM WATER DRAINAGE SYSTEM
- PROPERTY LINE – PARCEL B
- STORM DRAIN
- SOIL BORING (SB)
- SEDIMENT SAMPLES (ST,OP,CB)
- SUB-SLAB VAPOR SAMPLES (SVP)
- SOIL BORING/MONITORING WELL

Location	NY-AWQS	MW-4 16-FEB-12
Total Metals (ug/l)		
Iron, Total	300	14000
Sodium, Total	20000	41000
Volatile Organics (ug/l)		
1,2,4-Trimethylbenzene	5	560
1,3,5-Trimethylbenzene	5	190
Ethylbenzene	5	15
Isopropylbenzene	5	14
n-Propylbenzene	5	32
Naphtalene	10	56
o-Xylene	5	60
p-Isopropyltoluene	5	40
p/m-Xylene	5	83
sec-Butylbenzene	5	12
Semivolatile Organics (ug/l)		
1,2-Dichlorobenzene	3	16
1,4-Dichlorobenzene	3	4
Naphtalene	10	62
Organochlorine Pesticides (ug/l)		
Chlordane	0.05	0.529

Notes:

U – Compound was not detected relative to the indicated limit.

J – Estimated value.

NY-AWQS-NYSDEC Part 703 Groundwater Quality Standard/Guidance Value.

Results exceeds the AWQS.

NOTE:

SITE PLAN BASED ON A DRAWING PREPARED BY FENLEY & NICOL, INC.

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

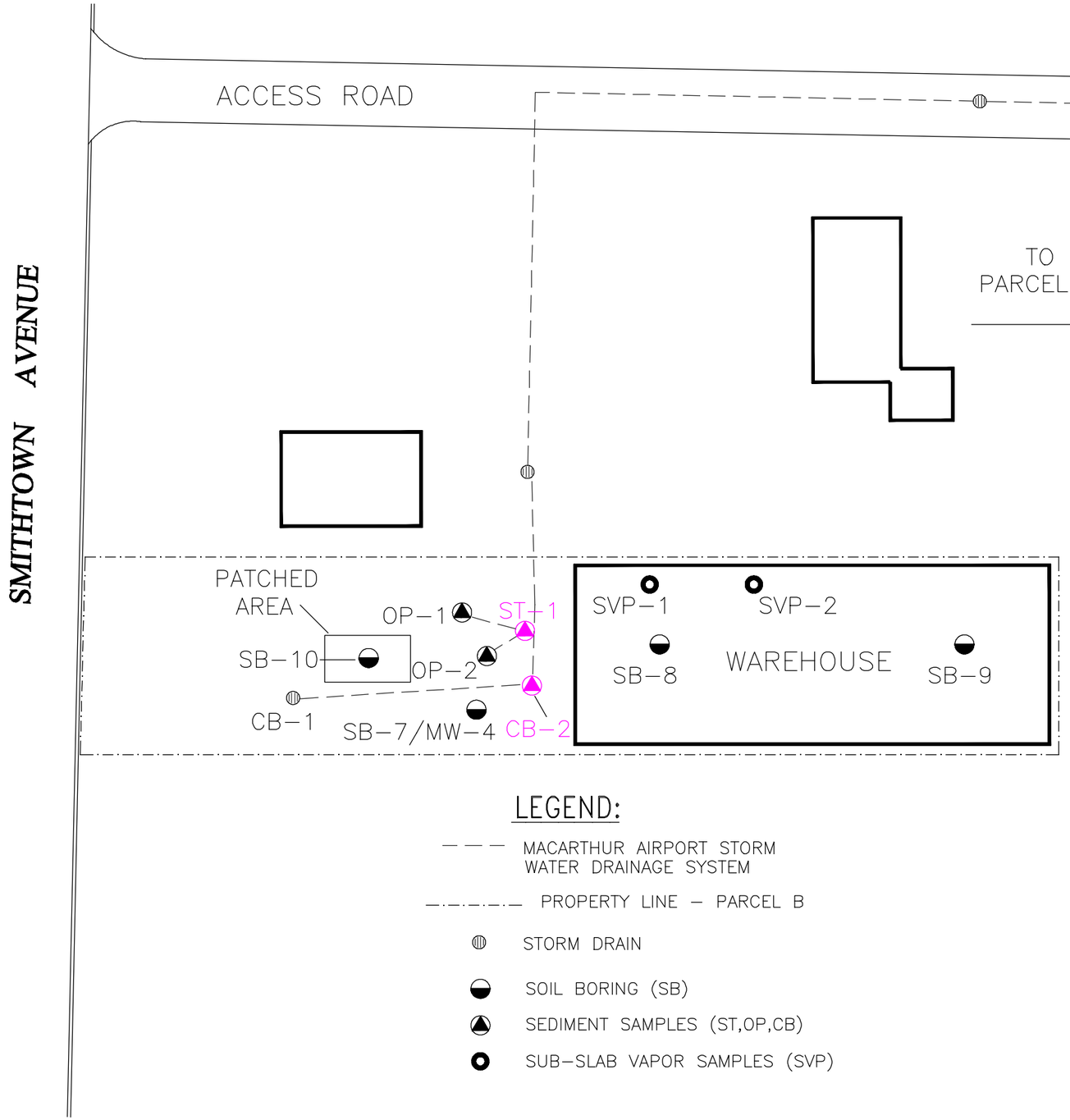
REVISION DATE:
MARCH 29, 2012

REVISED BY:
T.B.

CAMCO
2125 SMITHTOWN AVENUE
RONKONKOMA, NEW YORK

GROUNDWATER SAMPLING RESULTS EXCEEDING COMPARISON CRITERIA – PARCEL B

FIGURE #
5-3



LEGEND:

- MACARTHUR AIRPORT STORM WATER DRAINAGE SYSTEM
- PROPERTY LINE – PARCEL B
- STORM DRAIN
- SOIL BORING (SB)
- SEDIMENT SAMPLES (ST,OP,CB)
- SUB-SLAB VAPOR SAMPLES (SVP)

NOTE:

SITE PLAN BASED ON A DRAWING PREPARED BY FENLEY & NICOL, INC.

Location	Action	Cleanup Objectives	ST-1 27-DEC-11	CB-2 27-DEC-11
Volatile Organics (ug/l)				
1,4 Dichlorobenzene	3600	1800	25000	<6.7
Chlorobenzene	2200	1100	12000	<6.7
p-Isopropyltoluene	22000	11000	340000	<6.7
Semivolatile Organics (ug/l)				
Chrysene	2000	1000	<340	2500
Total Metals (ug/l)				
Cadmium as Cd	40	7.5	250	0.8
Chromium as Cr	100	20	150	6.5
Mercury as Hg	3.7	0.7	41	0.077

Notes:

"<" – Compound was not detected relative to the indicated limit.

(1) Suffolk County Department of Health Services: Action Levels per ARTICLE 12 SOP No 9-95. Effective January 1, 2011.

(2) Suffolk County Department of Health Services: Cleanup Objectives per ARTICLE 12 SOP No 9-95. Effective January 1, 2011.

Results exceeds limits.

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

REVISION DATE:
MARCH 29, 2012

REVISED BY:
T.B.

CAMCO
2125 SMITHTOWN AVENUE
RONKONKOMA, NEW YORK

SANITARY AND STORMWATER SYSTEM SAMPLING RESULTS EXCEEDING COMPARISON CRITERIA – PARCEL B

FIGURE #
5-4

TABLES

Table 3-1
Summary of Soil Vapor Testing - March 18, 2008
Former CAMCO Site, Ronkonkoma, NY

	SAMPLE DESIGNATION		
COMPOUND NAME	**SG-1**	**SG-2**	**SG-3**
1,1,1-Trichloroethane	75	17	120
Trichloroethene	940	1600	240
Tetrachloroethene	290	51	210

Notes:
ND - compound not detected.
Results in ug/m^3.
Testing conducted by Fenley & Nicol Environmental.

Table 3-2
Summary of Soil Vapor Testing - September 15, 2008
Former CAMCO Site, Ronkonkoma, NY

	SAMPLE DESIGNATION				
COMPOUND NAME	**SG-4**	**SG-5**	**SG-6**	**SG-7**	**SG-8**
Freon 12	ND	ND	3.4	ND	ND
Bromomethane	ND	ND	3	ND	ND
Freon 11	ND	ND	4.7	ND	ND
Freon 113	ND	ND	ND	ND	22
Ethanol	26	ND	62	ND	ND
Acetone	20	25	78	ND	24
2-Propanol	26	ND	82	ND	ND
Carbon disulfide	5.5	ND	4.7	ND	12
Methylene Chloride	3.7	ND	6.2	ND	ND
2-Butanone (Mehyl Ethyl Ketone)	5.1	ND	14	ND	4.1
Chloroform	ND	ND	ND	ND	4.5
1,1,1-Trichloroethane	150	700	3.8	ND	130
Cyclohexane	4.6	ND	6	ND	ND
1,2-Dichloroethane	4.8	ND	7.3	ND	ND
1,1-Dichloroethane	ND	27	ND	ND	ND
Cis-1,2-Dichloroethene	ND	8.9	ND	4600	ND
Hexane	ND	ND	6.3	ND	ND
Tetrahydrofuran	ND	ND	8.6	ND	ND
Heptane	ND	ND	4.4	ND	ND
Trans-1,2-Dichloroethene	ND	ND	ND	150	ND
Trichloroethene	490	2000	45	32000	600
1,4-Dioxane	ND	ND	14	ND	ND
4-Methyl-2-pentanone	ND	ND	5.7	ND	ND
Toluene	40	ND	95	ND	5.3
Tetrachloroethene	180	65	22	920	90
Ethyl Benzene	22	ND	86	ND	ND
M,P-Xylene	100	5.5	360	ND	14
O-Xylene	11	8.8	47	ND	13
Styrene	ND	ND	5.4	ND	ND
Cumene	ND	ND	3.4	ND	ND
Propylbenzene	ND	ND	5.5	ND	ND
4-Ethytoluene	ND	ND	25	ND	ND
1,3,5-Trimethylbenzene	ND	ND	20	ND	ND
1,2,4-Trimethylbenzene	ND	ND	41	ND	ND

Notes:
ND - compound not detected.
Results in ug/m^3.
Testing conducted by Fenley & Nicol Environmental.

Table 4-1: Scope of Work Summary
Former CAMCO Site
Ronkonkoma, New York

Parcel A

Task	Location	Matrix	Analysis
Soil Vapor	SG-1	Air	TO-15 + helium
	SG-2	Air	TO-15 + helium
	SG-5	Air	TO-15 + helium
	SG-7	Air	TO-15 + helium
	SG-8	Air	TO-15 + helium
	SG-9	Air	TO-15 + helium
Soil	SB-1	Soil	Full TCL/TAL
	SB-2	Soil	Full TCL/TAL
	SB-3	Soil	Full TCL/TAL
	SB-4	Soil	Full TCL/TAL
	SB-5	Soil	Full TCL/TAL
Groundwater	MW-5	Aqueous	DTW, Full TCL/TAL
	MW-6	Aqueous	DTW, Full TCL/TAL

Parcel B

Task	Location	Matrix	Analysis
Soil Vapor	SVP-1	Air	TO-15 + helium
	SVP-2	Air	TO-15 + helium
Soil Vapor	SB-7	Soil	Full TCL/TAL
	SB-8	Soil	Full TCL/TAL
	SB-9	Soil	Full TCL/TAL
	SB-10	Soil	Full TCL/TAL
Sediment	CB-1	Sediment	Full TCL/TAL
	CB-2	Sediment	Full TCL/TAL
	ST-1	Sediment	Full TCL/TAL
	OP-1	Sediment	Full TCL/TAL
	OP-2	Sediment	Full TCL/TAL
Groundwater	MW-4	Aqueous	DTW, Full TCL/TAL

Off-Site

Task	Location	Matrix	Analysis
Groundwater	MW-1	Aqueous	DTW
	MW-2	Aqueous	DTW
	MW-3	Aqueous	DTW

Notes:
DTW - depth to water.

Table 4-2: Summary of Surveying Results

Ronkonkoma, New York
BCA Site #C360111

Location	ELEV. (ft msl)	LONGITUDE (decimal degrees)	LATITUDE (decimal degrees)
Parcel A Features			
MW-5	95.51	-73.109113	40.798955
MW-6	95.58	-73.109144	40.798845
SG-1	95.99	-73.109071	40.799045
SG-2	95.59	-73.109026	40.799250
SG-5	95.63	-73.108596	40.798959
SG-7	95.92	-73.109052	40.798990
SG-8	95.33	-73.108808	40.799327
SG-9	95.39	-73.108990	40.798846
SB-1	96.16	-73.109130	40.798916
SB-2	95.88	-73.109090	40.799007
SB-5	95.39	-73.108664	40.799356
Parcel B Features			
MW-4	96.13	-73.110044	40.798844
SVP-1	97.17	-73.109816	40.798928
SVP-2	97.19	-73.109487	40.798929
SB-8	97.25	-73.109469	40.798916
SB-9	97.18	-73.109353	40.798905
SB-10	95.93	-73.110101	40.798901
MH-S_ST1	96.57	-73.109929	40.798932
ST-1	96.57	-73.109944	40.798934
OP-1	95.96	-73.110010	40.798944
OP-2	96.15	-73.110009	40.798898
CB-1	95.29	-73.110182	40.798886
CB-2	96.42	-73.109979	40.798883
Off-Site Features			
MW-1	95.60	-73.109136	40.800001
MW-2	96.93	-73.110439	40.799437
MW-3	94.47	-73.107917	40.798937

Notes:
HORIZ DATUM NAD 83 LAT - LONG
VERT DATUM NAVD 88 US FEET
Survey Date 02/16/12.
Surveying Conducted by Angle of Attack Land Surveying

Table 5-1: Summary of Soil Vapor Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

		SG-1		SG-2		SG-5		SG-7	
COMPOUND NAME	**CASNUM**	**REPLMT**	**RESULTS**	**REPLMT**	**RESULTS**	**REPLMT**	**RESULTS**	**REPLMT**	**RESULTS**
Freon 12	**75-71-8**	5.8	ND	0.84	2.0	1.6	1.8	16	ND
Freon 114	**76-14-2**	8.2	ND	1.2	ND	2.3	ND	23	ND
Chloromethane	**74-87-3**	12	ND	1.8	ND	3.4	ND	33	ND
Vinyl Chloride	**75-01-4**	3.0	ND	0.43	ND	0.83	ND	8.3	ND
1,3-Butadiene	**106-99-0**	2.6	ND	0.38	ND	0.72	ND	7.2	ND
Bromomethane	**74-83-9**	4.6	ND	0.66	ND	1.3	ND	12	ND
Chloroethane	**75-00-3**	16	ND	2.2	ND	4.3	ND	43	ND
Freon 11	**75-69-4**	6.6	ND	0.96	2.9	1.8	ND	18	ND
Ethanol	**64-17-5**	11	ND	1.6	ND	3.1	9.1	30	70
Freon 113	**76-13-1**	9.0	ND	1.3	11	2.5	ND	25	ND
1,1-Dichloroethene	**75-35-4**	4.7	ND	0.67	ND	1.3	ND	13	ND
Acetone	**67-64-1**	14	ND	2.0	19	3.9	25	38	ND
2-Propanol	**67-63-0**	14	ND	2.1	ND	4.0	ND	40	ND
Carbon Disulfide	**75-15-0**	18	30	2.6	34	5.1	ND	50	ND
3-Chloropropene	**107-05-1**	18	ND	2.7	ND	5.1	ND	51	ND
Methylene Chloride	**75-09-2**	8.2	ND	1.2	1.8	2.3	ND	22	ND
Methyl tert-butyl ether	**1634-04-4**	4.2	ND	0.61	13	1.2	ND	12	ND
trans-1,2-Dichloroethene	**156-60-5**	4.7	ND	0.67	ND	1.3	ND	13	ND
Hexane	**110-54-3**	4.2	ND	0.60	1.3	1.1	1.2	11	ND
1,1-Dichloroethane	**75-34-3**	4.8	ND	0.69	ND	1.3	ND	13	ND
2-Butanone (Methyl Ethyl Ketone)	**78-93-3**	17	ND	2.5	4.6	4.8	ND	48	ND
cis-1,2-Dichloroethene	**156-59-2**	4.7	9.3	0.67	ND	1.3	ND	13	590
Tetrahydrofuran	**109-99-9**	17	ND	2.5	3.3	4.8	5.1	48	ND
Chloroform	**67-66-3**	5.8	ND	0.83	1.7	1.6	ND	16	ND
1,1,1-Trichloroethane	**71-55-6**	6.4	55	0.93	33	1.8	69	18	ND
Cyclohexane	**110-82-7**	4.1	ND	0.58	1.7	1.1	1.6	11	ND
Carbon Tetrachloride	**56-23-5**	7.4	ND	1.1	ND	2.0	ND	20	ND
2,2,4-Trimethylpentane	**540-84-1**	28	ND	4.0	4.6	7.6	ND	76	ND
Benzene	**71-43-2**	3.8	ND	0.54	3.1	1.0	1.6	10	ND
1,2-Dichloroethane	**107-06-2**	4.8	ND	0.69	ND	1.3	ND	13	ND
Heptane	**142-82-5**	4.8	ND	0.70	2.3	1.3	1.6	13	ND
1,2-Dichloropropane	**78-87-5**	5.4	ND	0.78	ND	1.5	ND	15	ND
1,4-Dioxane	**123-91-1**	4.2	ND	0.61	ND	1.2	ND	12	ND
Bromodichloromethane	**75-27-4**	7.9	ND	1.1	ND	2.2	ND	22	ND
cis-1,3-Dichloropropene	**10061-01-5**	5.4	ND	0.77	ND	1.5	ND	15	ND
4-Methyl-2-pentanone	**108-10-1**	4.8	ND	0.70	ND	1.3	ND	13	ND
Toluene	**108-88-3**	4.4	6.0	0.64	13	1.2	12	12	93
trans-1,3-Dichloropropene	**10061-02-6**	5.4	ND	0.77	ND	1.5	ND	15	ND
1,1,2-Trichloroethane	**79-00-5**	6.4	ND	0.93	ND	1.8	ND	18	ND
Tetrachloroethene	**127-18-4**	8.0	150	1.2	8.3	2.2	7.0	22	150
2-Hexanone	**591-78-6**	24	ND	3.5	ND	6.7	ND	66	ND
Dibromochloromethane	**124-48-1**	10	ND	1.4	ND	2.8	ND	28	ND
1,2-Dibromoethane (EDB)	**106-93-4**	9.1	ND	1.3	ND	2.5	ND	25	ND
Chlorobenzene	**108-90-7**	5.4	ND	0.78	ND	1.5	ND	15	ND
Ethyl Benzene	**100-41-4**	5.1	ND	0.74	3.8	1.4	2.5	14	ND
m,p-Xylene	**108-38-3/106-42-3**	5.1	6.0	0.74	12	1.4	9.7	14	21
o-Xylene	**95-47-6**	5.1	ND	0.74	4.2	1.4	2.9	14	32
Styrene	**100-42-5**	5.0	ND	0.72	ND	1.4	ND	14	ND
Bromoform	**75-25-2**	12	ND	1.8	ND	3.4	ND	33	ND
Cumene	**98-82-8**	5.8	ND	0.84	4.4	1.6	ND	16	ND
1,1,2,2-Tetrachloroethane	**79-34-5**	8.1	ND	1.2	ND	2.2	ND	22	ND
Propylbenzene	**103-65-1**	5.8	ND	0.84	ND	1.6	ND	16	ND
4-Ethyltoluene	**622-96-8**	5.8	ND	0.84	2.7	1.6	2.5	16	ND
1,3,5-Trimethylbenzene	**108-67-8**	5.8	ND	0.84	ND	1.6	ND	16	ND
1,2,4-Trimethylbenzene	**95-63-6**	5.8	ND	0.84	2.6	1.6	2.4	16	ND
1,3-Dichlorobenzene	**541-73-1**	7.1	ND	1.0	ND	2.0	ND	19	ND
1,4-Dichlorobenzene	**106-46-7**	7.1	ND	1.0	ND	2.0	ND	19	30
alpha-Chlorotoluene	**100-44-7**	6.1	ND	0.88	ND	1.7	ND	17	ND
1,2-Dichlorobenzene	**95-50-1**	7.1	ND	1.0	ND	2.0	ND	19	35
1,2,4-Trichlorobenzene	**120-82-1**	44	ND	6.3	ND	12	ND	120	ND
Hexachlorobutadiene	**87-68-3**	63	ND	9.1	ND	17	ND	170	ND
Trichloroethene	**79-01-6**	1.1	730	0.18	25	0.35	150	3.5	2300
Helium	**7440-59-7**	0.071	ND	0.085	ND	0.082	0.11	0.081	ND

Table 5-1: Summary of Soil Vapor Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

		SG-10 (1)		SG-8		SG-9	
COMPOUND NAME	**CASNUM**	**REPLMT**	**RESULTS**	**REPLMT**	**RESULTS**	**REPLMT**	**RESULTS**
Freon 12	**75-71-8**	16	ND	0.83	1.8	0.80	1.8
Freon 114	**76-14-2**	22	ND	1.2	ND	1.1	ND
Chloromethane	**74-87-3**	33	ND	1.7	ND	1.7	ND
Vinyl Chloride	**75-01-4**	8.2	ND	0.43	ND	0.41	ND
1,3-Butadiene	**106-99-0**	7.1	ND	0.37	ND	0.36	ND
Bromomethane	**74-83-9**	12	ND	0.65	ND	0.63	ND
Chloroethane	**75-00-3**	42	ND	2.2	ND	2.1	ND
Freon 11	**75-69-4**	18	ND	0.94	1.4	0.91	1.7
Ethanol	**64-17-5**	30	ND	1.6	1.8	1.5	1.8
Freon 113	**76-13-1**	25	ND	1.3	19	1.2	2.1
1,1-Dichloroethene	**75-35-4**	13	ND	0.67	ND	0.64	ND
Acetone	**67-64-1**	38	ND	2.0	18	1.9	16
2-Propanol	**67-63-0**	40	ND	2.1	ND	2.0	ND
Carbon Disulfide	**75-15-0**	50	ND	2.6	4.4	2.5	24
3-Chloropropene	**107-05-1**	50	ND	2.6	ND	2.5	ND
Methylene Chloride	**75-09-2**	22	ND	1.2	ND	1.1	ND
Methyl tert-butyl ether	**1634-04-4**	12	ND	0.60	ND	0.58	ND
trans-1,2-Dichloroethene	**156-60-5**	13	ND	0.67	ND	0.64	ND
Hexane	**110-54-3**	11	ND	0.59	1.2	0.57	0.70
1,1-Dichloroethane	**75-34-3**	13	ND	0.68	ND	0.66	ND
2-Butanone (Methyl Ethyl Ketone)	**78-93-3**	47	ND	2.5	2.8	2.4	6.3
cis-1,2-Dichloroethene	**156-59-2**	13	650	0.67	ND	0.64	0.79
Tetrahydrofuran	**109-99-9**	47	ND	2.5	2.7	2.4	2.8
Chloroform	**67-66-3**	16	ND	0.82	ND	0.79	ND
1,1,1-Trichloroethane	**71-55-6**	18	ND	0.92	20	0.88	48
Cyclohexane	**110-82-7**	11	ND	0.58	ND	0.56	ND
Carbon Tetrachloride	**56-23-5**	20	ND	1.0	ND	1.0	ND
2,2,4-Trimethylpentane	**540-84-1**	75	ND	3.9	ND	3.8	ND
Benzene	**71-43-2**	10	ND	0.54	1.3	0.52	1.1
1,2-Dichloroethane	**107-06-2**	13	ND	0.68	ND	0.66	ND
Heptane	**142-82-5**	13	ND	0.69	1.4	0.66	1.1
1,2-Dichloropropane	**78-87-5**	15	ND	0.78	ND	0.75	ND
1,4-Dioxane	**123-91-1**	12	ND	0.60	ND	0.58	ND
Bromodichloromethane	**75-27-4**	22	ND	1.1	ND	1.1	ND
cis-1,3-Dichloropropene	**10061-01-5**	15	ND	0.76	ND	0.74	ND
4-Methyl-2-pentanone	**108-10-1**	13	ND	0.69	ND	0.66	ND
Toluene	**108-88-3**	12	100	0.63	15	0.61	9.2
trans-1,3-Dichloropropene	**10061-02-6**	15	ND	0.76	ND	0.74	ND
1,1,2-Trichloroethane	**79-00-5**	18	ND	0.92	ND	0.88	ND
Tetrachloroethene	**127-18-4**	22	170	1.1	2.6	1.1	54
2-Hexanone	**591-78-6**	66	ND	3.4	ND	3.3	ND
Dibromochloromethane	**124-48-1**	27	ND	1.4	ND	1.4	ND
1,2-Dibromoethane (EDB)	**106-93-4**	25	ND	1.3	ND	1.2	ND
Chlorobenzene	**108-90-7**	15	ND	0.77	ND	0.74	ND
Ethyl Benzene	**100-41-4**	14	15	0.73	2.6	0.70	2.4
m,p-Xylene	**108-38-3/106-42-3**	14	24	0.73	11	0.70	10
o-Xylene	**95-47-6**	14	38	0.73	3.3	0.70	3.1
Styrene	**100-42-5**	14	ND	0.72	ND	0.69	ND
Bromoform	**75-25-2**	33	ND	1.7	ND	1.7	ND
Cumene	**98-82-8**	16	ND	0.82	ND	0.80	ND
1,1,2,2-Tetrachloroethane	**79-34-5**	22	ND	1.2	ND	1.1	ND
Propylbenzene	**103-65-1**	16	ND	0.82	ND	0.80	ND
4-Ethyltoluene	**622-96-8**	16	ND	0.82	2.6	0.80	2.8
1,3,5-Trimethylbenzene	**108-67-8**	16	ND	0.82	0.90	0.80	0.85
1,2,4-Trimethylbenzene	**95-63-6**	16	ND	0.82	2.7	0.80	2.9
1,3-Dichlorobenzene	**541-73-1**	19	ND	1.0	ND	0.97	ND
1,4-Dichlorobenzene	**106-46-7**	19	39	1.0	ND	0.97	ND
alpha-Chlorotoluene	**100-44-7**	17	ND	0.87	ND	0.84	ND
1,2-Dichlorobenzene	**95-50-1**	19	53	1.0	ND	0.97	ND
1,2,4-Trichlorobenzene	**120-82-1**	120	ND	6.2	ND	6.0	ND
Hexachlorobutadiene	**87-68-3**	170	ND	9.0	ND	8.6	ND
Trichloroethene	**79-01-6**	3.5	2500	0.18	10	0.17	37
Helium	**7440-59-7**	0.080	ND	0.084	ND	0.081	ND

Notes:
Testing conducted February 9, 2012.
REPLMT - reporting limit.
Reporting limit and results provided in ug/m^3 except for helium
Reporting limit and results for helium provided in percent.
ND - compound was not detected relative to the indicated reporting limit.
(1) - Duplicate of sample SG-7.

Table 5-2: Comparison of 2008 and 2012 Soil Vapor Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

		SG-1		SG-2		SG-5		SG-7		SG-10 (1)	SG-8	
COMPOUND NAME	**CASNUM**	**03/18/08**	**02/09/12**	**03/18/08**	**02/09/12**	**09/15/08**	**02/09/12**	**09/15/08**	**02/09/12**	**02/09/12**	**09/15/08**	**02/09/12**
Tetrachloroethene	**127-18-4**	290	150	51	8.3	210	7	920	150	170	90	2.6
Trichloroethene	**79-01-6**	940	730	1600	25	240	150	32000	2300	2500	600	10
cis-1,2-Dichloroethene	**156-59-2**	ND	9.3	ND	ND	8.9	ND	4600	590	650	ND	ND
trans-1,2-Dichloroethene	**156-60-5**	ND	ND	ND	ND	ND	ND	150	ND	ND	ND	ND
Vinyl Chloride	**75-01-4**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	**71-55-6**	75	55	17	33	120	69	ND	ND	ND	130	20
1,1-Dichloroethane	**75-34-3**	ND	ND	ND	ND	27	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	**56-23-5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	**67-66-3**	ND	ND	ND	1.7	ND	ND	ND	ND	ND	4.5	ND
Total VOCs		1305	944.3	1668	68	605.9	226	37670	3040	3320	824.5	32.6

Notes:

Results provided in ug/m^3.
ND - compound was not detected.
(1) - Duplicate of sample SG-7.

Table 5-3: Summary of Soil Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION		SB-1 @ 5'-10'		SB-2 @ 5'-10'		SB-3/ MW5 @ 25-30		SB-4/MW-6 @ 45-50 FBG		DUPLICATE (1)		SB-5 @ 5'-10'	
SAMPLING DATE	**NY-UNRES**	**06-DEC-11**		**06-DEC-11**		**05-DEC-11**		**15-DEC-11**		**15-DEC-11**		**06-DEC-11**	
General Chemistry													
Solids, Total (%)		95		95		95		97		97		96	
Cyanide, Total (mg/kg)	**27**	0.97	U	1	U	0.98	U	0.96	U	1	U	1	U
Total Metals (mg/kg)													
Aluminum, Total		2000		2700		1500		480		420		1800	
Antimony, Total		0.62	J	2	U	0.52	J	2.1	U	2.1	U	2	U
Arsenic, Total	**13**	1.2		1.1		1.7		1.5		0.72		0.88	
Barium, Total	**350**	8.4		7		5.4		1.5		1.5		3.4	
Beryllium, Total	**7.2**	0.15	J	0.1	J	0.07	J	0.04	J	0.03	J	0.07	J
Cadmium, Total	**2.5**	0.92		2.1		1.1		0.05	J	0.04	J	0.07	J
Calcium, Total		5300		870		3700		77		68		110	
Chromium, Total		14		26		32		5		1.8		15	
Cobalt, Total		1.6		1.4		0.99		0.31	J	0.36	J	0.84	
Copper, Total	**50**	7.4		15		10		1.7		1.1		3.3	
Iron, Total		5000		3800		4800		2900		1800		3000	
Lead, Total	**63**	21		40		18		0.95	J	0.72	J	22	
Magnesium, Total		630		460		1200		86		74		260	
Manganese, Total	**1600**	50		41		40		15		13		31	
Mercury, Total	**0.18**	0.1		0.05	J	0.17		0.08	U	0.08	U	0.09	U
Nickel, Total	**30**	3		3.8		3.8		0.77	J	0.63	J	2.1	
Potassium, Total		160		160		120		48	J	43	J	83	J
Selenium, Total	**3.9**	0.28	J	0.23	J	0.32	J	0.23	J	0.18	J	0.21	J
Silver, Total	**2**	0.41	U	0.14	J	0.43	U	0.42	U	0.41	U	0.41	U
Sodium, Total		54	J	34	J	85	U	76	J	42	J	82	U
Thallium, Total		0.82	U	0.79	U	0.85	U	0.84	U	0.82	U	0.82	U
Vanadium, Total		5.3		5		5.2		2.1		1.8		5.6	
Zinc, Total	**109**	26		22		16		4.8		3.6		5.5	
Volatile Organics (mg/kg)													
1,1,1,2-Tetrachloroethane		0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U
1,1,1-Trichloroethane	**0.68**	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U
1,1,2,2-Tetrachloroethane		0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U
1,1,2-Trichloroethane		0.0039	U	0.0039	U	0.0039	U	0.0039	U	0.0039	U	0.0039	U
1,1-Dichloroethane	**0.27**	0.0039	U	0.0039	U	0.0039	U	0.0039	U	0.0039	U	0.0039	U
1,1-Dichloroethene	**0.33**	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U
1,1-Dichloropropene		0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
1,2,3-Trichlorobenzene		0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
1,2,3-Trichloropropane		0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U
1,2,4,5-Tetramethylbenzene		0.0023	J	0.01	U	0.0013	J	0.01	U	0.01	U	0.01	U
1,2,4-Trichlorobenzene		0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
1,2,4-Trimethylbenzene	**3.6**	0.019		0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
1,2-Dibromo-3-chloropropane		0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
1,2-Dibromoethane		0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
1,2-Dichlorobenzene	**1.1**	0.0054	J	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U

Table 5-3: Summary of Soil Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION		SB-1 @ 5'-10'		SB-2 @ 5'-10'		SB-3/ MW5 @ 25-30		SB-4/MW-6 @ 45-50 FBG		DUPLICATE (1)		SB-5 @ 5'-10'	
SAMPLING DATE	NY-UNRES	06-DEC-11		06-DEC-11		05-DEC-11		15-DEC-11		15-DEC-11		06-DEC-11	
1,2-Dichloroethane	0.02	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U
1,2-Dichloropropane		0.0092	U	0.0092	U	0.0092	U	0.009	U	0.009	U	0.0091	U
1,3,5-Trimethylbenzene	8.4	0.008	J	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
1,3-Dichlorobenzene	2.4	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
1,3-Dichloropropane		0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
1,4-Dichlorobenzene	1.8	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
1,4-Diethylbenzene		0.0097	J	0.01	U	0.004	J	0.01	U	0.01	U	0.01	U
2,2-Dichloropropane		0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
2-Butanone	0.12	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U
2-Hexanone		0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U
4-Ethyltoluene		0.0089	J	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
4-Methyl-2-pentanone		0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U
Acetone	0.05	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U
Acrylonitrile		0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U
Benzene	0.06	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U
Bromobenzene		0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
Bromochloromethane		0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
Bromodichloromethane		0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U
Bromoform		0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Bromomethane		0.0053	U	0.0053	U	0.0053	U	0.0052	U	0.0052	U	0.0052	U
Carbon disulfide		0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U
Carbon tetrachloride	0.76	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U
Chlorobenzene	1.1	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U
Chloroethane		0.0053	U	0.0053	U	0.0053	U	0.0052	U	0.0052	U	0.0052	U
Chloroform	0.37	0.0039	U	0.0039	U	0.0039	U	0.0039	U	0.0039	U	0.0039	U
Chloromethane		0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
cis-1,2-Dichloroethene	0.25	0.0026	U	0.0026	U	0.0034		0.0026	U	0.0026	U	0.0026	U
cis-1,3-Dichloropropene		0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U
Dibromochloromethane		0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U
Dibromomethane		0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U
Dichlorodifluoromethane		0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U
Ethyl ether		0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
Ethylbenzene	1	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U
Hexachlorobutadiene		0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
Isopropylbenzene		0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U
Methyl tert butyl ether	0.93	0.0053	U	0.0053	U	0.0053	U	0.0052	U	0.0052	U	0.0052	U
Methylene chloride	0.05	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U
n-Butylbenzene	12	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U
n-Propylbenzene	3.9	0.0016	J	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U
Naphthalene	12	0.0033	J	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
o-Chlorotoluene		0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
o-Xylene		0.0053	U	0.0053	U	0.0053	U	0.0052	U	0.0052	U	0.0052	U
p-Chlorotoluene		0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
p-Isopropyltoluene		0.0016	J	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U
p/m-Xylene		0.0053	U	0.0053	U	0.0053	U	0.0052	U	0.0052	U	0.0052	U
sec-Butylbenzene	11	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U

Table 5-3: Summary of Soil Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION		SB-1 @ 5'-10'		SB-2 @ 5'-10'		SB-3/ MW5 @ 25-30		SB-4/MW-6 @ 45-50 FBG		DUPLICATE (1)		SB-5 @ 5'-10'	
SAMPLING DATE	NY-UNRES	06-DEC-11		06-DEC-11		05-DEC-11		15-DEC-11		15-DEC-11		06-DEC-11	
Styrene		0.0053	U	0.0053	U	0.0053	U	0.0052	U	0.0052	U	0.0052	U
tert-Butylbenzene	5.9	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
Tetrachloroethene	1.3	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U
Toluene	0.7	0.0039	U	0.0039	U	0.0039	U	0.0039	U	0.0039	U	0.0039	U
trans-1,2-Dichloroethene	0.19	0.0039	U	0.0039	U	0.0039	U	0.0039	U	0.0039	U	0.0039	U
trans-1,3-Dichloropropene		0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U	0.0026	U
trans-1,4-Dichloro-2-butene		0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
Trichloroethene	0.47	0.0026	U	0.0026	U	0.0069		0.0026	U	0.0026	U	0.0026	U
Trichlorofluoromethane		0.013	U	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
Vinyl acetate		0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U
Vinyl chloride	0.02	0.0053	U	0.0053	U	0.0053	U	0.0052	U	0.0052	U	0.0052	U
Semivolatile Organics (mg/kg)													
1,2,4,5-Tetrachlorobenzene		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
1,2,4-Trichlorobenzene		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
1,2-Dichlorobenzene	1.1	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
1,3-Dichlorobenzene	2.4	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
1,4-Dichlorobenzene	1.8	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2,4,5-Trichlorophenol		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2,4,6-Trichlorophenol		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
2,4-Dichlorophenol		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.16	U
2,4-Dimethylphenol		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2,4-Dinitrophenol		0.83	U	0.82	U	0.82	U	0.81	U	0.8	U	0.83	U
2,4-Dinitrotoluene		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2,6-Dinitrotoluene		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Chloronaphthalene		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Chlorophenol		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Methylnaphthalene		0.21	U	0.2	U	0.2	U	0.2	U	0.2	U	0.21	U
2-Methylphenol	0.33	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Nitroaniline		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Nitrophenol		0.37	U	0.37	U	0.37	U	0.36	U	0.36	U	0.37	U
3,3'-Dichlorobenzidine		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
3-Methylphenol/4-Methylphenol	0.33	0.25	U	0.25	U	0.25	U	0.24	U	0.24	U	0.25	U
3-Nitroaniline		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
4,6-Dinitro-o-cresol		0.45	U	0.44	U	0.44	U	0.44	U	0.43	U	0.45	U
4-Bromophenyl phenyl ether		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
4-Chloroaniline		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
4-Chlorophenyl phenyl ether		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
4-Nitroaniline		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
4-Nitrophenol		0.24	U	0.24	U	0.24	U	0.24	U	0.23	U	0.24	U
Acenaphthene	20	0.14	U	0.14	U	0.14	U	0.14	U	0.13	U	0.14	U
Acenaphthylene	100	0.14	U	0.14	U	0.14	U	0.14	U	0.13	U	0.14	U
Acetophenone		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Anthracene	100	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(a)anthracene	1	0.049	J	0.1	U	0.048	J	0.1	U	0.1	U	0.1	U
Benzo(a)pyrene	1	0.14	U	0.14	U	0.052	J	0.14	U	0.13	U	0.14	U

Table 5-3: Summary of Soil Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION		SB-1 @ 5'-10'		SB-2 @ 5'-10'		SB-3/ MW5 @ 25-30		SB-4/MW-6 @ 45-50 FBG		DUPLICATE (1)		SB-5 @ 5'-10'	
SAMPLING DATE	NY-UNRES	06-DEC-11		06-DEC-11		05-DEC-11		15-DEC-11		15-DEC-11		06-DEC-11	
Benzo(b)fluoranthene	1	0.1	U	0.092	J	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(ghi)perylene	100	0.043	J	0.14	U	0.14	U	0.14	U	0.13	U	0.14	U
Benzo(k)fluoranthene	0.8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzoic Acid		0.56	U	0.56	U	0.55	U	0.55	U	0.54	U	0.56	U
Benzyl Alcohol		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Biphenyl		0.39	U	0.39	U	0.39	U	0.38	U	0.38	U	0.39	U
Bis(2-chloroethoxy)methane		0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U
Bis(2-chloroethyl)ether		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.16	U
Bis(2-chloroisopropyl)ether		0.21	U	0.2	U	0.2	U	0.2	U	0.2	U	0.21	U
Bis(2-Ethylhexyl)phthalate		0.24		0.08	J	0.12	J	0.17	U	0.17	U	0.091	J
Butyl benzyl phthalate		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Carbazole		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Chrysene	1	0.055	J	0.034	J	0.059	J	0.1	U	0.1	U	0.1	U
Di-n-butylphthalate		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Di-n-octylphthalate		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Dibenzo(a,h)anthracene	0.33	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Dibenzofuran	7	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Diethyl phthalate		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Dimethyl phthalate		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Fluoranthene	100	0.1		0.06	J	0.12		0.1	U	0.1	U	0.1	U
Fluorene	30	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Hexachlorobenzene	0.33	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Hexachlorobutadiene		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Hexachlorocyclopentadiene		0.49	U	0.49	U	0.49	U	0.48	U	0.48	U	0.49	U
Hexachloroethane		0.14	U	0.14	U	0.14	U	0.14	U	0.13	U	0.14	U
Indeno(1,2,3-cd)Pyrene	0.5	0.14	U	0.14	U	0.14	U	0.14	U	0.13	U	0.14	U
Isophorone		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.16	U
n-Nitrosodi-n-propylamine		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Naphthalene	12	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Nitrobenzene		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.16	U
NitrosoDiPhenylAmine(NDPA)/DPA		0.14	U	0.14	U	0.14	U	0.14	U	0.13	U	0.14	U
P-Chloro-M-Cresol		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Pentachlorophenol	0.8	0.14	U	0.14	U	0.14	U	0.14	U	0.13	U	0.14	U
Phenanthrene	100	0.058	J	0.1	U	0.063	J	0.1	U	0.1	U	0.1	U
Phenol	0.33	0.092	J	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Pyrene	100	0.088	J	0.048	J	0.098	J	0.1	U	0.1	U	0.1	U
Polychlorinated Biphenyls (mg/kg)													
Aroclor 1016	0.1	0.0334	U	0.034	U	0.0348	U	0.0334	U	0.0326	U	0.0336	U
Aroclor 1221	0.1	0.0334	U	0.034	U	0.0348	U	0.0334	U	0.0326	U	0.0336	U
Aroclor 1232	0.1	0.0334	U	0.034	U	0.0348	U	0.0334	U	0.0326	U	0.0336	U
Aroclor 1242	0.1	0.0334	U	0.034	U	0.0348	U	0.0334	U	0.0326	U	0.0336	U
Aroclor 1248	0.1	0.0334	U	0.128		0.0348	U	0.0334	U	0.0326	U	0.0336	U
Aroclor 1254	0.1	0.07		0.0887		0.0687		0.0334	U	0.0326	U	0.0105	J
Aroclor 1260	0.1	0.025	J	0.034	U	0.0147	J	0.0334	U	0.0326	U	0.0336	U

Table 5-3: Summary of Soil Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION		SB-1 @ 5'-10'		SB-2 @ 5'-10'		SB-3/ MW5 @ 25-30		SB-4/MW-6 @ 45-50 FBG		DUPLICATE (1)		SB-5 @ 5'-10'	
SAMPLING DATE	**NY-UNRES**	**06-DEC-11**		**06-DEC-11**		**05-DEC-11**		**15-DEC-11**		**15-DEC-11**		**06-DEC-11**	
Organochlorine Pesticides (mg/kg)													
4,4'-DDD	**0.0033**	0.00104	J	0.00164	U	0.00162	U	0.0016	U	0.00163	U	0.00165	U
4,4'-DDE	**0.0033**	0.00165	U	0.00164	U	0.00162	U	0.0016	U	0.00163	U	0.00165	U
4,4'-DDT	**0.0033**	0.00167	J	0.00308	U	0.00191	J	0.003	U	0.00306	U	0.00309	U
Aldrin	**0.005**	0.00165	U	0.00164	U	0.00162	U	0.0016	U	0.00163	U	0.00165	U
Alpha-BHC	**0.02**	0.000686	U	0.000685	U	0.000677	U	0.000667	U	0.00068	U	0.000687	U
Beta-BHC	**0.036**	0.00165	U	0.00164	U	0.00162	U	0.0016	U	0.00163	U	0.00165	U
Chlordane		0.0134	U	0.0134	U	0.0132	U	0.013	U	0.0133	U	0.0134	U
Delta-BHC	**0.04**	0.00165	U	0.00164	U	0.00162	U	0.0016	U	0.00163	U	0.00165	U
Dieldrin	**0.005**	0.00148		0.00103	U	0.00102	U	0.001	U	0.00102	U	0.00103	U
Endosulfan I	**2.4**	0.00165	U	0.00164	U	0.00162	U	0.0016	U	0.00163	U	0.00165	U
Endosulfan II	**2.4**	0.00165	U	0.00164	U	0.00162	U	0.0016	U	0.00163	U	0.00165	U
Endosulfan sulfate	**2.4**	0.000686	U	0.000685	U	0.000677	U	0.000667	U	0.00068	U	0.000687	U
Endrin	**0.014**	0.000686	U	0.000685	U	0.000677	U	0.000667	U	0.00068	U	0.000687	U
Endrin ketone		0.00165	U	0.00164	U	0.00162	U	0.0016	U	0.00163	U	0.00165	U
Heptachlor	**0.042**	0.000823	U	0.000822	U	0.000812	U	0.0008	U	0.000816	U	0.000824	U
Heptachlor epoxide		0.00309	U	0.00308	U	0.00305	U	0.003	U	0.00306	U	0.00309	U
Lindane	**0.1**	0.000686	U	0.000685	U	0.000677	U	0.000667	U	0.00068	U	0.000687	U
Methoxychlor		0.00309	U	0.00308	U	0.00305	U	0.003	U	0.00306	U	0.00309	U
Toxaphene		0.0309	U	0.0308	U	0.0305	U	0.03	U	0.0306	U	0.0309	U
trans-Chlordane		0.00206	U	0.00206	U	0.00203	U	0.002	U	0.00204	U	0.00206	U

Notes:
(1) - Duplicate of sample SB-4/MW-6 @ 45-50 FBG.
Qual. - Laboratory data qualifier.
U - Compound was not detected relative to the indicated limit.
J - Estimated value.
NY-UNRES - 6NYCRR Part 375 -Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.

Table 5-4: Summary of Groundwater Sampling Field Parameters - Parcel A

Former CAMCO Site
Ronkonkoma, New York

WELL NO.		MW-5	MW-6
SAMPLING DATE		1/13/2012	1/13/2012
FIELD PARAMETER	UNITS	RESULTS (1)	
Specific Conductance	uS/cm	0.348	0.406
pH	standard units	8.60	9.09
Eh (ORP)	mV	-197.7	-241.5
Temperature	^{o}C	12.12	12.56
Dissolved Oxygen	mg/l	2.93	0.98

Notes:
(1) - Measurements represent final set taken prior to sample collection.
(2) - NM=Not Measured due to the turbidity meter not functioning correctly

Table 5-5: Summary of Groundwater Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-5		MW-7 (1)		MW-6	
General Chemistry							
SAMPLING DATE		**16-FEB-12**		**16-FEB-12**		**16-FEB-12**	
Cyanide, Total (mg/kg)	**200**	2	J	5	U	5	U
Total Metals (ug/l)							
SAMPLING DATE		**13-JAN-12**		**16-FEB-12**		**13-JAN-12**	
Aluminum, Total		1000		40	J	210	
Antimony, Total	**3**	50	U	0.2	J	50	U
Arsenic, Total	**25**	5	U	5	U	5	U
Barium, Total	**1000**	46		42		16	
Beryllium, Total	**3**	5	U	0.5	U	5	U
Cadmium, Total	**5**	6		3	J	5	U
Calcium, Total		17000		18000		13000	
Chromium, Total	**50**	30		10	U	10	U
Cobalt, Total		20	U	20	U	20	U
Copper, Total	**200**	15		10	U	10	U
Iron, Total	**300**	7600		4500		550	
Lead, Total	**25**	10	U	10	U	10	U
Magnesium, Total	**35000**	2800		3200		3400	
Manganese, Total	**300**	65		44		42	
Mercury, Total	**0.7**	0.2	U	0.2	U	0.2	U
Nickel, Total	**100**	25	U	25	U	25	U
Potassium, Total		2500		2900		2500	U
Selenium, Total	**10**	10	U	10	U	10	U
Silver, Total	**50**	7	U	7	U	7	U
Sodium, Total	**20000**	28000		46000		20000	
Thallium, Total	**0.5**	20	U	0.1	J	20	U
Vanadium, Total		10	U	10	U	10	U
Zinc, Total	**2000**	50		17	J	50	U
Volatile Organics (ug/l)							
SAMPLING DATE		**13-JAN-12**		**16-FEB-12**		**13-JAN-12**	
1,1,1,2-Tetrachloroethane	**5**	1.2	U	1	U	0.5	U
1,1,1-Trichloroethane	**5**	1.2	U	0.66	J	0.5	U
1,1,2,2-Tetrachloroethane	**5**	1.2	U	1	U	0.5	U
1,1,2-Trichloroethane	**1**	1.9	U	1.5	U	0.75	U
1,1-Dichloroethane	**5**	1.9	U	0.71	J	0.75	U
1,1-Dichloroethene	**5**	1.2	U	1	U	0.5	U
1,1-Dichloropropene	**5**	6.2	U	5	U	2.5	U
1,2,3-Trichlorobenzene	**5**	6.2	U	5	U	2.5	U
1,2,3-Trichloropropane	**0.04**	12	U	10	U	5	U
1,2,4,5-Tetramethylbenzene		7.6		9.4		2	U
1,2,4-Trichlorobenzene	**5**	6.2	U	5	U	2.5	U
1,2,4-Trimethylbenzene	**5**	120		140		2.5	U
1,2-Dibromo-3-chloropropane	**0.04**	6.2	U	5	U	2.5	U
1,2-Dibromoethane	**0.0006**	5	U	4	U	2	U
1,2-Dichlorobenzene	**3**	6.2	U	5.5		2.5	U
1,2-Dichloroethane	**0.6**	1.2	U	1	U	0.5	U
1,2-Dichloropropane	**1**	4.4	U	3.5	U	1.8	U
1,3,5-Trimethylbenzene	**5**	49		64		2.5	U
1,3-Dichlorobenzene	**3**	6.2	U	0.62	J	2.5	U
1,3-Dichloropropane	**5**	6.2	U	5	U	2.5	U
1,4-Dichlorobenzene	**3**	6.2	U	1.6	J	2.5	U

Table 5-5: Summary of Groundwater Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-5		MW-7 (1)		MW-6	
1,4-Diethylbenzene		36		20		2	U
2,2-Dichloropropane	5	6.2	U	5	U	2.5	U
2-Butanone	50	12	U	10	U	5	U
2-Hexanone	50	12	U	10	U	5	U
4-Ethyltoluene		61		76		2	U
4-Methyl-2-pentanone		12	U	10	U	5	U
Acetone	50	12	U	10	U	5	U
Acrylonitrile	5	12	U	10	U	5	U
Benzene	1	1.2	U	1	U	0.5	U
Bromobenzene	5	6.2	U	5	U	2.5	U
Bromochloromethane	5	6.2	U	5	U	2.5	U
Bromodichloromethane	50	1.2	U	1	U	0.5	U
Bromoform	50	5	U	4	U	2	U
Bromomethane	5	2.5	U	2	U	1	U
Carbon disulfide	60	12	U	10	U	5	U
Carbon tetrachloride	5	1.2	U	1	U	0.5	U
Chlorobenzene	5	1.2	U	1	U	0.5	U
Chloroethane	5	2.5	U	2	U	1	U
Chloroform	7	1.9	U	1.5	U	0.75	U
Chloromethane		6.2	U	5	U	2.5	U
cis-1,2-Dichloroethene	5	1.3		1.1		0.5	U
cis-1,3-Dichloropropene	0.4	1.2	U	1	U	0.5	U
Dibromochloromethane	50	1.2	U	1	U	0.5	U
Dibromomethane	5	12	U	10	U	5	U
Dichlorodifluoromethane	5	12	U	10	U	5	U
Ethyl ether		6.2	U	5	U	2.5	U
Ethylbenzene	5	1.9		2.8		0.5	U
Hexachlorobutadiene	0.5	1.5	U	1.2	U	0.6	U
Isopropylbenzene	5	3.8		6.2		0.5	U
Methyl tert butyl ether	10	2.5	U	2	U	1	U
Methylene chloride	5	12	U	10	U	5	U
n-Butylbenzene	5	7.3		6.5		0.5	U
n-Propylbenzene	5	13		20		0.5	U
Naphthalene	10	7.1		16		2.5	U
o-Chlorotoluene	5	6.2	U	5	U	2.5	U
o-Xylene	5	8		11		1	U
p-Chlorotoluene	5	6.2	U	5	U	2.5	U
p-Isopropyltoluene	5	15		5		0.5	U
p/m-Xylene	5	4.9		7.2		1	U
sec-Butylbenzene	5	7.4		7.8		0.5	U
Styrene	5	2.5	U	2	U	1	U
tert-Butylbenzene	5	6.2	U	2.7	J	2.5	U
Tetrachloroethene	5	1.2	U	1	U	0.5	U
Toluene	5	1.9	U	1.5	U	0.75	U
trans-1,2-Dichloroethene	5	1.9	U	1.5	U	0.75	U
trans-1,3-Dichloropropene	0.4	1.2	U	1	U	0.5	U
trans-1,4-Dichloro-2-butene	5	6.2	U	5	U	2.5	U
Trichloroethene	5	2.8		1.5		0.5	U
Trichlorofluoromethane	5	6.2	U	5	U	2.5	U
Vinyl acetate		12	U	10	U	5	U
Vinyl chloride	2	2.5	U	2	U	1	U

Semivolatile Organics (ug/l)

SAMPLING DATE		13-JAN-12	16-FEB-12	13-JAN-12

Table 5-5: Summary of Groundwater Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-5		MW-7 (1)		MW-6	
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U
1,2-Dichlorobenzene	3	2	U	2	U	2	U
1,3-Dichlorobenzene	3	2	U	2	U	2	U
1,4-Dichlorobenzene	3	2	U	2	U	2	U
2,4,5-Trichlorophenol		5	U	5	U	5	U
2,4,6-Trichlorophenol		5	U	5	U	5	U
2,4-Dichlorophenol	1	5	U	5	U	5	U
2,4-Dimethylphenol	50	5	U	5	U	5	U
2,4-Dinitrophenol	10	20	U	20	U	20	U
2,4-Dinitrotoluene	5	5	U	5	U	5	U
2,6-Dinitrotoluene	5	5	U	5	U	5	U
2-Chlorophenol		2	U	2	U	2	U
2-Methylphenol		5	U	5	U	5	U
2-Nitroaniline	5	5	U	5	U	5	U
2-Nitrophenol		10	U	10	U	10	U
3,3'-Dichlorobenzidine	5	5	U	5	U	5	U
3-Methylphenol/4-Methylphenol		5	U	5	U	5	U
3-Nitroaniline	5	5	U	5	U	5	U
4,6-Dinitro-o-cresol		10	U	10	U	10	U
4-Bromophenyl phenyl ether		2	U	2	U	2	U
4-Chloroaniline	5	5	U	5	U	5	U
4-Chlorophenyl phenyl ether		2	U	2	U	2	U
4-Nitroaniline	5	5	U	5	U	5	U
4-Nitrophenol		10	U	10	U	10	U
Acetophenone		5	U	5	U	5	U
Benzoic Acid		50	U	50	U	50	U
Benzyl Alcohol		2	U	2	U	2	U
Biphenyl		2	U	2	U	2	U
Bis(2-chloroethoxy)methane	5	5	U	5	U	5	U
Bis(2-chloroethyl)ether	1	2	U	2	U	2	U
Bis(2-chloroisopropyl)ether	5	2	U	2	U	2	U
Bis(2-Ethylhexyl)phthalate	5	3	U	3	U	3	U
Butyl benzyl phthalate	50	5	U	5	U	5	U
Carbazole		2	U	2	U	2	U
Di-n-butylphthalate	50	5	U	5	U	5	U
Di-n-octylphthalate	50	5	U	5	U	5	U
Dibenzofuran		2	U	2	U	2	U
Diethyl phthalate	50	5	U	5	U	5	U
Dimethyl phthalate	50	5	U	5	U	5	U
Hexachlorocyclopentadiene	5	20	U	20	U	20	U
Isophorone	50	5	U	5	U	5	U
n-Nitrosodi-n-propylamine		5	U	5	U	5	U
Nitrobenzene	0.4	2	U	2	U	2	U
NitrosoDiPhenylAmine(NDPA)/DPA	50	2	U	2	U	2	U
P-Chloro-M-Cresol		2	U	2	U	2	U
Phenol	1	5	U	5	U	5	U
2-Chloronaphthalene	10	0.2	U	0.2	U	0.2	U
2-Methylnaphthalene		0.48		0.86		0.2	U
Acenaphthene	20	0.2	U	0.2	U	0.2	U
Acenaphthylene		0.2	U	0.2	U	0.2	U
Anthracene	50	0.2	U	0.2	U	0.2	U
Benzo(a)anthracene		0.2	U	0.2	U	0.2	U
Benzo(a)pyrene		0.2	U	0.2	U	0.2	U

Table 5-5: Summary of Groundwater Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-5		MW-7 (1)		MW-6	
Benzo(b)fluoranthene	**0.002**	0.2	U	0.2	U	0.2	U
Benzo(ghi)perylene		0.2	U	0.2	U	0.2	U
Benzo(k)fluoranthene	**0.002**	0.2	U	0.2	U	0.2	U
Chrysene	**0.002**	0.2	U	0.2	U	0.2	U
Dibenzo(a,h)anthracene		0.2	U	0.2	U	0.2	U
Fluoranthene	**50**	0.2	U	0.2	U	0.2	U
Fluorene	**50**	0.2	U	0.2	U	0.2	U
Hexachlorobenzene	**0.04**	0.8	U	0.8	U	0.8	U
Hexachlorobutadiene	**0.5**	0.5	U	0.5	U	0.5	U
Hexachloroethane	**5**	0.8	U	0.8	U	0.8	U
Indeno(1,2,3-cd)Pyrene	**0.002**	0.2	U	0.2	U	0.2	U
Naphthalene	**10**	5.5		11		0.2	U
Pentachlorophenol	**1**	0.8	U	0.8	U	0.8	U
Phenanthrene	**50**	0.2	U	0.2	U	0.2	U
Pyrene	**50**	0.2	U	0.2	U	0.2	U

Polychlorinated Biphenyls (ug/l)

SAMPLING DATE		16-FEB-12		16-FEB-12		16-FEB-12	
Aroclor 1016	**0.09**	0.1	U	0.1	U	0.1	U
Aroclor 1221	**0.09**	0.1	U	0.1	U	0.1	U
Aroclor 1232	**0.09**	0.1	U	0.1	U	0.1	U
Aroclor 1242	**0.09**	0.1	U	0.1	U	0.1	U
Aroclor 1248	**0.09**	0.1	U	0.1	U	0.1	U
Aroclor 1254	**0.09**	0.1	U	0.1	U	0.1	U
Aroclor 1260	**0.09**	0.1	U	0.1	U	0.1	U

Organochlorine Pesticides (ug/l)

SAMPLING DATE		16-FEB-12		16-FEB-12		16-FEB-12	
4,4'-DDD	**0.3**	0.04	U	0.04	U	0.04	U
4,4'-DDE	**0.2**	0.04	U	0.04	U	0.04	U
4,4'-DDT	**0.2**	0.04	U	0.037	J	0.04	U
Aldrin		0.02	U	0.02	U	0.02	U
Alpha-BHC	**0.01**	0.02	U	0.02	U	0.02	U
Beta-BHC	**0.04**	0.016	J	0.02	U	0.02	U
Chlordane	**0.05**	0.2	U	0.2	U	0.2	U
Delta-BHC	**0.04**	0.02	U	0.02	U	0.02	U
Dieldrin	**0.004**	0.04	U	0.04	U	0.04	U
Endosulfan I		0.02	U	0.02	U	0.02	U
Endosulfan II		0.04	U	0.04	U	0.04	U
Endosulfan sulfate		0.04	U	0.04	U	0.04	U
Endrin		0.04	U	0.04	U	0.04	U
Endrin ketone	**5**	0.04	U	0.04	U	0.04	U
Heptachlor	**0.04**	0.02	U	0.02	U	0.02	U
Heptachlor epoxide	**0.03**	0.02	U	0.02	U	0.02	U
Lindane	**0.05**	0.02	U	0.02	U	0.02	U
Methoxychlor	**35**	0.2	U	0.2	U	0.2	U
Toxaphene	**0.06**	0.2	U	0.2	U	0.2	U
trans-Chlordane		0.02	U	0.02	U	0.02	U

Notes:
(1) - Blind Duplicate of sample MW-5.
U - Compound was not detected relative to the indicated limit.
J - Estimated value.
NY-AWQS - NYSDEC Part 703 Groundwater Quality Standard/Guidance Value.

Table 5-6: Summary of Sub-Slab Soil Vapor Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

		SVP-1		SVP-2	
COMPOUND NAME	**CASNUM**	**REPLMT**	**RESULTS**	**REPLMT**	**RESULTS**
Freon 12	**75-71-8**	0.75	1.8	8.4	ND
Freon 114	**76-14-2**	1.0	ND	12	ND
Chloromethane	**74-87-3**	1.6	ND	17	ND
Vinyl Chloride	**75-01-4**	0.38	ND	4.3	ND
1,3-Butadiene	**106-99-0**	0.33	ND	3.7	ND
Bromomethane	**74-83-9**	0.59	ND	6.6	ND
Chloroethane	**75-00-3**	2.0	ND	22	ND
Freon 11	**75-69-4**	0.85	140	9.5	ND
Ethanol	**64-17-5**	1.4	4.5	16	ND
Freon 113	**76-13-1**	1.2	12	13	ND
1,1-Dichloroethene	**75-35-4**	0.60	ND	6.7	ND
Acetone	**67-64-1**	1.8	33	20	30
2-Propanol	**67-63-0**	1.8	4.6	21	ND
Carbon Disulfide	**75-15-0**	2.4	ND	26	ND
3-Chloropropene	**107-05-1**	2.4	ND	26	ND
Methylene Chloride	**75-09-2**	1.0	3.0	12	ND
Methyl tert-butyl ether	**1634-04-4**	0.54	ND	6.1	ND
trans-1,2-Dichloroethene	**156-60-5**	0.60	ND	6.7	ND
Hexane	**110-54-3**	0.53	2.1	6.0	ND
1,1-Dichloroethane	**75-34-3**	0.61	ND	6.8	ND
2-Butanone (Methyl Ethyl Ketone)	**78-93-3**	2.2	3.7	25	ND
cis-1,2-Dichloroethene	**156-59-2**	0.60	ND	6.7	ND
Tetrahydrofuran	**109-99-9**	2.2	4.2	25	ND
Chloroform	**67-66-3**	0.74	8.9	8.2	ND
1,1,1-Trichloroethane	**71-55-6**	0.82	28	9.2	26
Cyclohexane	**110-82-7**	0.52	ND	5.8	ND
Carbon Tetrachloride	**56-23-5**	0.95	ND	11	ND
2,2,4-Trimethylpentane	**540-84-1**	3.5	ND	39	ND
Benzene	**71-43-2**	0.48	1.6	5.4	ND
1,2-Dichloroethane	**107-06-2**	0.61	ND	6.8	ND
Heptane	**142-82-5**	0.62	2.2	6.9	ND
1,2-Dichloropropane	**78-87-5**	0.70	ND	7.8	ND
1,4-Dioxane	**123-91-1**	0.54	ND	6.1	ND
Bromodichloromethane	**75-27-4**	1.0	1.3	11	ND
cis-1,3-Dichloropropene	**10061-01-5**	0.68	ND	7.7	ND
4-Methyl-2-pentanone	**108-10-1**	0.62	ND	6.9	ND
Toluene	**108-88-3**	0.57	29	6.4	30
trans-1,3-Dichloropropene	**10061-02-6**	0.68	ND	7.7	ND
1,1,2-Trichloroethane	**79-00-5**	0.82	ND	9.2	ND
Tetrachloroethene	**127-18-4**	1.0	120	11	2500
2-Hexanone	**591-78-6**	3.1	ND	35	ND
Dibromochloromethane	**124-48-1**	1.3	ND	14	ND
1,2-Dibromoethane (EDB)	**106-93-4**	1.2	ND	13	ND
Chlorobenzene	**108-90-7**	0.70	ND	7.8	ND
Ethyl Benzene	**100-41-4**	0.66	4.3	7.3	ND
m,p-Xylene	**108-38-3/106-42-3**	0.66	18	7.3	12
o-Xylene	**95-47-6**	0.66	5.9	7.3	ND
Styrene	**100-42-5**	0.64	0.64	7.2	ND
Bromoform	**75-25-2**	1.6	ND	17	ND
Cumene	**98-82-8**	0.74	1.1	8.3	ND
1,1,2,2-Tetrachloroethane	**79-34-5**	1.0	ND	12	ND
Propylbenzene	**103-65-1**	0.74	1.2	8.3	ND
4-Ethyltoluene	**622-96-8**	0.74	5.8	8.3	ND
1,3,5-Trimethylbenzene	**108-67-8**	0.74	1.9	8.3	ND
1,2,4-Trimethylbenzene	**95-63-6**	0.74	6.5	8.3	ND
1,3-Dichlorobenzene	**541-73-1**	0.91	ND	10	ND
1,4-Dichlorobenzene	**106-46-7**	0.91	ND	10	ND
alpha-Chlorotoluene	**100-44-7**	0.78	ND	8.7	ND
1,2-Dichlorobenzene	**95-50-1**	0.91	ND	10	ND
1,2,4-Trichlorobenzene	**120-82-1**	5.6	ND	63	ND
Hexachlorobutadiene	**87-68-3**	8.0	ND	90	ND
Trichloroethene	**79-01-6**	0.16	0.75	1.8	32
Helium	**7440-59-7**	0.076	ND	0.084	ND

Notes:
REPLMT - reporting limit.

Reporting limit and results provided in ug/m^3 except for helium
Reporting limit and results for helium provided in percent.
ND - compound was not detected relative to the indicated reporting limit.

Table 5-7: Summary of Soil Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION		SB-7 @ 49'-54'		SB-8 @ 5'-10'		SB-9 @ 5'-10'		SB-10 @ 5'-10'	
SAMPLING DATE	**NY-UNRES**	**05-DEC-11**		**06-DEC-11**		**06-DEC-11**		**05-DEC-11**	
General Chemistry									
Solids, Total (%)		97		99		99		97	
Cyanide, Total (mg/kg)	**27**	1	U	0.95	U	0.93	U	1	U
Total Metals (mg/kg)									
Aluminum, Total		420		1200		860		1200	
Antimony, Total		2.1	U	2	U	2	U	2	U
Arsenic, Total	**13**	0.48		0.97		0.57		0.65	
Barium, Total	**350**	1.5		2.6		2.2		2	
Beryllium, Total	**7.2**	0.21	U	0.07	J	0.03	J	0.07	J
Cadmium, Total	**2.5**	0.42	U	0.4	U	0.4	U	0.41	U
Calcium, Total		12		29		11		30	
Chromium, Total		1.2		3		2.6		4	
Cobalt, Total		0.21	J	1.2		0.69	J	0.49	J
Copper, Total	**50**	0.88		2.6		1.6		1.8	
Iron, Total		870		2400		1700		2200	
Lead, Total	**63**	0.78	J	1	J	0.81	J	1.6	J
Magnesium, Total		97		150		130		120	
Manganese, Total	**1600**	13		52		24		27	
Mercury, Total	**0.18**	0.08	U	0.07	U	0.07	U	0.07	U
Nickel, Total	**30**	0.48	J	1.1		1		0.89	J
Potassium, Total		43	J	62	J	40	J	74	J
Selenium, Total	**3.9**	0.14	J	0.23	J	0.3	J	0.81	U
Silver, Total	**2**	0.42	U	0.4	U	0.4	U	0.41	U
Sodium, Total		84	U	79	U	81	U	41	J
Thallium, Total		0.84	U	0.79	U	0.81	U	0.81	U
Vanadium, Total		1.7		3.1		1.9		2.7	
Zinc, Total	**109**	1.4	J	2.3		4.2		2.2	
Volatile Organics (mg/kg)									
1,1,1,2-Tetrachloroethane		0.0026	U	0.0025	U	0.0025	U	0.0026	U
1,1,1-Trichloroethane	**0.68**	0.0026	U	0.0025	U	0.0025	U	0.0026	U
1,1,2,2-Tetrachloroethane		0.0026	U	0.0025	U	0.0025	U	0.0026	U
1,1,2-Trichloroethane		0.0039	U	0.0038	U	0.0038	U	0.0039	U
1,1-Dichloroethane	**0.27**	0.0039	U	0.0038	U	0.0038	U	0.0039	U
1,1-Dichloroethene	**0.33**	0.0026	U	0.0025	U	0.0025	U	0.0026	U
1,1-Dichloropropene		0.013	U	0.013	U	0.013	U	0.013	U
1,2,3-Trichlorobenzene		0.013	U	0.013	U	0.013	U	0.013	U
1,2,3-Trichloropropane		0.026	U	0.025	U	0.025	U	0.026	U
1,2,4,5-Tetramethylbenzene		0.01	U	0.01	U	0.01	U	0.01	U
1,2,4-Trichlorobenzene		0.013	U	0.013	U	0.013	U	0.013	U
1,2,4-Trimethylbenzene	**3.6**	0.013	U	0.013	U	0.013	U	0.013	U
1,2-Dibromo-3-chloropropane		0.013	U	0.013	U	0.013	U	0.013	U

Table 5-7: Summary of Soil Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION		SB-7 @ 49'-54'		SB-8 @ 5'-10'		SB-9 @ 5'-10'		SB-10 @ 5'-10'	
SAMPLING DATE	NY-UNRES	05-DEC-11		06-DEC-11		06-DEC-11		05-DEC-11	
1,2-Dibromoethane		0.01	U	0.01	U	0.01	U	0.01	U
1,2-Dichlorobenzene	1.1	0.013	U	0.013	U	0.013	U	0.013	U
1,2-Dichloroethane	0.02	0.0026	U	0.0025	U	0.0025	U	0.0026	U
1,2-Dichloropropane		0.009	U	0.0088	U	0.0088	U	0.009	U
1,3,5-Trimethylbenzene	8.4	0.013	U	0.013	U	0.013	U	0.013	U
1,3-Dichlorobenzene	2.4	0.013	U	0.013	U	0.013	U	0.013	U
1,3-Dichloropropane		0.013	U	0.013	U	0.013	U	0.013	U
1,4-Dichlorobenzene	1.8	0.013	U	0.013	U	0.013	U	0.013	U
1,4-Diethylbenzene		0.01	U	0.01	U	0.01	U	0.01	U
2,2-Dichloropropane		0.013	U	0.013	U	0.013	U	0.013	U
2-Butanone	0.12	0.026	U	0.025	U	0.025	U	0.026	U
2-Hexanone		0.026	U	0.025	U	0.025	U	0.026	U
4-Ethyltoluene		0.01	U	0.01	U	0.01	U	0.01	U
4-Methyl-2-pentanone		0.026	U	0.025	U	0.025	U	0.026	U
Acetone	0.05	0.026	U	0.025	U	0.025	U	0.026	U
Acrylonitrile		0.026	U	0.025	U	0.025	U	0.026	U
Benzene	0.06	0.0026	U	0.0025	U	0.0025	U	0.0026	U
Bromobenzene		0.013	U	0.013	U	0.013	U	0.013	U
Bromochloromethane		0.013	U	0.013	U	0.013	U	0.013	U
Bromodichloromethane		0.0026	U	0.0025	U	0.0025	U	0.0026	U
Bromoform		0.01	U	0.01	U	0.01	U	0.01	U
Bromomethane		0.0052	U	0.005	U	0.005	U	0.0052	U
Carbon disulfide		0.026	U	0.025	U	0.025	U	0.026	U
Carbon tetrachloride	0.76	0.0026	U	0.0025	U	0.0025	U	0.0026	U
Chlorobenzene	1.1	0.0026	U	0.0025	U	0.0025	U	0.0026	U
Chloroethane		0.0052	U	0.005	U	0.005	U	0.0052	U
Chloroform	0.37	0.0039	U	0.0038	U	0.0038	U	0.0039	U
Chloromethane		0.013	U	0.013	U	0.013	U	0.013	U
cis-1,2-Dichloroethene	0.25	0.0026	U	0.0025	U	0.0025	U	0.0026	U
cis-1,3-Dichloropropene		0.0026	U	0.0025	U	0.0025	U	0.0026	U
Dibromochloromethane		0.0026	U	0.0025	U	0.0025	U	0.0026	U
Dibromomethane		0.026	U	0.025	U	0.025	U	0.026	U
Dichlorodifluoromethane		0.026	U	0.025	U	0.025	U	0.026	U
Ethyl ether		0.013	U	0.013	U	0.013	U	0.013	U
Ethylbenzene	1	0.0026	U	0.0025	U	0.0025	U	0.0026	U
Hexachlorobutadiene		0.013	U	0.013	U	0.013	U	0.013	U
Isopropylbenzene		0.0026	U	0.0025	U	0.0025	U	0.0026	U
Methyl tert butyl ether	0.93	0.0052	U	0.005	U	0.005	U	0.0052	U
Methylene chloride	0.05	0.026	U	0.025	U	0.025	U	0.026	U
n-Butylbenzene	12	0.0026	U	0.0025	U	0.0025	U	0.0026	U
n-Propylbenzene	3.9	0.0026	U	0.0025	U	0.0025	U	0.0026	U
Naphthalene	12	0.013	U	0.013	U	0.013	U	0.013	U
o-Chlorotoluene		0.013	U	0.013	U	0.013	U	0.013	U
o-Xylene		0.0052	U	0.005	U	0.005	U	0.0052	U

Table 5-7: Summary of Soil Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION		SB-7 @ 49'-54'		SB-8 @ 5'-10'		SB-9 @ 5'-10'		SB-10 @ 5'-10'	
SAMPLING DATE	NY-UNRES	05-DEC-11		06-DEC-11		06-DEC-11		05-DEC-11	
p-Chlorotoluene		0.013	U	0.013	U	0.013	U	0.013	U
p-Isopropyltoluene		0.0026	U	0.0025	U	0.0025	U	0.0026	U
p/m-Xylene		0.0052	U	0.005	U	0.005	U	0.0052	U
sec-Butylbenzene	11	0.0026	U	0.0025	U	0.0025	U	0.0026	U
Styrene		0.0052	U	0.005	U	0.005	U	0.0052	U
tert-Butylbenzene	5.9	0.013	U	0.013	U	0.013	U	0.013	U
Tetrachloroethene	1.3	0.0026	U	0.0025	U	0.0025	U	0.0026	U
Toluene	0.7	0.0039	U	0.0038	U	0.0038	U	0.0039	U
trans-1,2-Dichloroethene	0.19	0.0039	U	0.0038	U	0.0038	U	0.0039	U
trans-1,3-Dichloropropene		0.0026	U	0.0025	U	0.0025	U	0.0026	U
trans-1,4-Dichloro-2-butene		0.013	U	0.013	U	0.013	U	0.013	U
Trichloroethene	0.47	0.0026	U	0.0025	U	0.0025	U	0.0026	U
Trichlorofluoromethane		0.013	U	0.013	U	0.013	U	0.013	U
Vinyl acetate		0.026	U	0.025	U	0.025	U	0.026	U
Vinyl chloride	0.02	0.0052	U	0.005	U	0.005	U	0.0052	U
Semivolatile Organics (mg/kg)									
1,2,4,5-Tetrachlorobenzene		0.17	U	0.17	U	0.16	U	0.17	U
1,2,4-Trichlorobenzene		0.17	U	0.17	U	0.16	U	0.17	U
1,2-Dichlorobenzene	1.1	0.17	U	0.17	U	0.16	U	0.17	U
1,3-Dichlorobenzene	2.4	0.17	U	0.17	U	0.16	U	0.17	U
1,4-Dichlorobenzene	1.8	0.17	U	0.17	U	0.16	U	0.17	U
2,4,5-Trichlorophenol		0.17	U	0.17	U	0.16	U	0.17	U
2,4,6-Trichlorophenol		0.1	U	0.1	U	0.099	U	0.1	U
2,4-Dichlorophenol		0.15	U	0.15	U	0.15	U	0.15	U
2,4-Dimethylphenol		0.17	U	0.17	U	0.16	U	0.17	U
2,4-Dinitrophenol		0.81	U	0.81	U	0.79	U	0.8	U
2,4-Dinitrotoluene		0.17	U	0.17	U	0.16	U	0.17	U
2,6-Dinitrotoluene		0.17	U	0.17	U	0.16	U	0.17	U
2-Chloronaphthalene		0.17	U	0.17	U	0.16	U	0.17	U
2-Chlorophenol		0.17	U	0.17	U	0.16	U	0.17	U
2-Methylnaphthalene		0.2	U	0.2	U	0.2	U	0.2	U
2-Methylphenol	0.33	0.17	U	0.17	U	0.16	U	0.17	U
2-Nitroaniline		0.17	U	0.17	U	0.16	U	0.17	U
2-Nitrophenol		0.36	U	0.36	U	0.36	U	0.36	U
3,3'-Dichlorobenzidine		0.17	U	0.17	U	0.16	U	0.17	U
3-Methylphenol/4-Methylphenol	0.33	0.24	U	0.24	U	0.24	U	0.24	U
3-Nitroaniline		0.17	U	0.17	U	0.16	U	0.17	U
4,6-Dinitro-o-cresol		0.44	U	0.44	U	0.43	U	0.43	U
4-Bromophenyl phenyl ether		0.17	U	0.17	U	0.16	U	0.17	U
4-Chloroaniline		0.17	U	0.17	U	0.16	U	0.17	U
4-Chlorophenyl phenyl ether		0.17	U	0.17	U	0.16	U	0.17	U
4-Nitroaniline		0.17	U	0.17	U	0.16	U	0.17	U
4-Nitrophenol		0.24	U	0.24	U	0.23	U	0.23	U

Table 5-7: Summary of Soil Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION		SB-7 @ 49'-54'		SB-8 @ 5'-10'		SB-9 @ 5'-10'		SB-10 @ 5'-10'	
SAMPLING DATE	NY-UNRES	05-DEC-11		06-DEC-11		06-DEC-11		05-DEC-11	
Acenaphthene	20	0.14	U	0.13	U	0.13	U	0.13	U
Acenaphthylene	100	0.14	U	0.13	U	0.13	U	0.13	U
Acetophenone		0.17	U	0.17	U	0.16	U	0.17	U
Anthracene	100	0.1	U	0.1	U	0.099	U	0.1	U
Benzo(a)anthracene	1	0.1	U	0.1	U	0.099	U	0.1	U
Benzo(a)pyrene	1	0.14	U	0.13	U	0.13	U	0.13	U
Benzo(b)fluoranthene	1	0.1	U	0.1	U	0.099	U	0.1	U
Benzo(ghi)perylene	100	0.14	U	0.13	U	0.13	U	0.13	U
Benzo(k)fluoranthene	0.8	0.1	U	0.1	U	0.099	U	0.1	U
Benzoic Acid		0.55	U	0.54	U	0.53	U	0.54	U
Benzyl Alcohol		0.17	U	0.17	U	0.16	U	0.17	U
Biphenyl		0.38	U	0.38	U	0.38	U	0.38	U
Bis(2-chloroethoxy)methane		0.18	U	0.18	U	0.18	U	0.18	U
Bis(2-chloroethyl)ether		0.15	U	0.15	U	0.15	U	0.15	U
Bis(2-chloroisopropyl)ether		0.2	U	0.2	U	0.2	U	0.2	U
Bis(2-Ethylhexyl)phthalate		0.17	U	0.17	U	0.16	U	0.17	U
Butyl benzyl phthalate		0.17	U	0.17	U	0.16	U	0.17	U
Carbazole		0.17	U	0.17	U	0.16	U	0.17	U
Chrysene	1	0.1	U	0.1	U	0.099	U	0.1	U
Di-n-butylphthalate		0.17	U	0.17	U	0.16	U	0.17	U
Di-n-octylphthalate		0.17	U	0.17	U	0.16	U	0.17	U
Dibenzo(a,h)anthracene	0.33	0.1	U	0.1	U	0.099	U	0.1	U
Dibenzofuran	7	0.17	U	0.17	U	0.16	U	0.17	U
Diethyl phthalate		0.17	U	0.17	U	0.16	U	0.17	U
Dimethyl phthalate		0.17	U	0.17	U	0.16	U	0.17	U
Fluoranthene	100	0.1	U	0.1	U	0.099	U	0.1	U
Fluorene	30	0.17	U	0.17	U	0.16	U	0.17	U
Hexachlorobenzene	0.33	0.1	U	0.1	U	0.099	U	0.1	U
Hexachlorobutadiene		0.17	U	0.17	U	0.16	U	0.17	U
Hexachlorocyclopentadiene		0.48	U	0.48	U	0.47	U	0.48	U
Hexachloroethane		0.14	U	0.13	U	0.13	U	0.13	U
Indeno(1,2,3-cd)Pyrene	0.5	0.14	U	0.13	U	0.13	U	0.13	U
Isophorone		0.15	U	0.15	U	0.15	U	0.15	U
n-Nitrosodi-n-propylamine		0.17	U	0.17	U	0.16	U	0.17	U
Naphthalene	12	0.17	U	0.17	U	0.16	U	0.17	U
Nitrobenzene		0.15	U	0.15	U	0.15	U	0.15	U
NitrosoDiPhenylAmine(NDPA)/DPA		0.14	U	0.13	U	0.13	U	0.13	U
P-Chloro-M-Cresol		0.17	U	0.17	U	0.16	U	0.17	U
Pentachlorophenol	0.8	0.14	U	0.13	U	0.13	U	0.13	U
Phenanthrene	100	0.1	U	0.1	U	0.099	U	0.1	U
Phenol	0.33	0.17	U	0.17	U	0.16	U	0.17	U
Pyrene	100	0.1	U	0.1	U	0.099	U	0.1	U

Polychlorinated Biphenyls (mg/kg)

Table 5-7: Summary of Soil Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION		SB-7 @ 49'-54'		SB-8 @ 5'-10'		SB-9 @ 5'-10'		SB-10 @ 5'-10'	
SAMPLING DATE	NY-UNRES	05-DEC-11		06-DEC-11		06-DEC-11		05-DEC-11	
Aroclor 1016	**0.1**	0.033	U	0.0321	U	0.0321	U	0.0328	U
Aroclor 1221	**0.1**	0.033	U	0.0321	U	0.0321	U	0.0328	U
Aroclor 1232	**0.1**	0.033	U	0.0321	U	0.0321	U	0.0328	U
Aroclor 1242	**0.1**	0.033	U	0.0321	U	0.0321	U	0.0328	U
Aroclor 1248	**0.1**	0.033	U	0.0321	U	0.0321	U	0.0328	U
Aroclor 1254	**0.1**	0.033	U	0.0321	U	0.0321	U	0.0328	U
Aroclor 1260	**0.1**	0.033	U	0.0321	U	0.0321	U	0.0328	U
Organochlorine Pesticides (mg/kg)									
4,4'-DDD	**0.0033**	0.00164	U	0.00154	U	0.00154	U	0.00162	U
4,4'-DDE	**0.0033**	0.00164	U	0.00154	U	0.00154	U	0.00162	U
4,4'-DDT	**0.0033**	0.00307	U	0.0029	U	0.00288	U	0.00303	U
Aldrin	**0.005**	0.00164	U	0.00154	U	0.00154	U	0.00162	U
Alpha-BHC	**0.02**	0.000683	U	0.000643	U	0.00064	U	0.000674	U
Beta-BHC	**0.036**	0.00164	U	0.00154	U	0.00154	U	0.00162	U
Chlordane		0.0133	U	0.0125	U	0.0125	U	0.0131	U
Delta-BHC	**0.04**	0.00164	U	0.00154	U	0.00154	U	0.00162	U
Dieldrin	**0.005**	0.00102	U	0.000965	U	0.00096	U	0.00101	U
Endosulfan I	**2.4**	0.00164	U	0.00154	U	0.00154	U	0.00162	U
Endosulfan II	**2.4**	0.00164	U	0.00154	U	0.00154	U	0.00162	U
Endosulfan sulfate	**2.4**	0.000683	U	0.000643	U	0.00064	U	0.000674	U
Endrin	**0.014**	0.000683	U	0.000643	U	0.00064	U	0.000674	U
Endrin ketone		0.00164	U	0.00154	U	0.00154	U	0.00162	U
Heptachlor	**0.042**	0.000819	U	0.000772	U	0.000768	U	0.000808	U
Heptachlor epoxide		0.00307	U	0.0029	U	0.00288	U	0.00303	U
Lindane	**0.1**	0.000683	U	0.000643	U	0.00064	U	0.000674	U
Methoxychlor		0.00307	U	0.0029	U	0.00288	U	0.00303	U
Toxaphene		0.0307	U	0.029	U	0.0288	U	0.0303	U
trans-Chlordane		0.00205	U	0.00193	U	0.00192	U	0.00202	U

Notes:
Qual. - Laboratory data qualifier.
U - Compound was not detected relative to the indicated limit.
J - Estimated value.
NY-UNRES - 6NYCRR Part 375 -Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.

Table 5-8: Summary of Groundwater Sampling Field Parameters - Parcel B

Former CAMCO Site
Ronkonkoma, New York

WELL NO.		MW-4
SAMPLING DATE		1/13/2012
FIELD PARAMETER	UNITS	RESULTS (1)
Specific Conductance	uS/cm	0
pH	standard units	9.51
Eh (ORP)	mV	-152.7
Temperature	^{o}C	12.25
Dissolved Oxygen	mg/l	0.99

Notes:
(1) - Measurements represent final set taken prior to sample collection.
(2) - NM=Not Measured due to the turbidity meter not functioning correctly

Table 5-9: Summary of Groundwater Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-4	
General Chemistry			
SAMPLING DATE		**16-FEB-12**	
Cyanide, Total (mg/kg)	**200**	2	J
Total Metals (ug/l)			
SAMPLING DATE		**13-JAN-12**	
Aluminum, Total		750	
Antimony, Total	**3**	50	U
Arsenic, Total	**25**	5	U
Barium, Total	**1000**	51	
Beryllium, Total	**3**	5	U
Cadmium, Total	**5**	5	U
Calcium, Total		15000	
Chromium, Total	**50**	30	
Cobalt, Total		20	U
Copper, Total	**200**	14	
Iron, Total	**300**	14000	
Lead, Total	**25**	10	U
Magnesium, Total	**35000**	2800	
Manganese, Total	**300**	173	
Mercury, Total	**0.7**	0.2	U
Nickel, Total	**100**	25	U
Potassium, Total		3100	
Selenium, Total	**10**	10	U
Silver, Total	**50**	7	U
Sodium, Total	**20000**	41000	
Thallium, Total	**0.5**	20	U
Vanadium, Total		10	U
Zinc, Total	**2000**	50	U
Volatile Organics (ug/l)			
SAMPLING DATE		**13-JAN-12**	
1,1,1,2-Tetrachloroethane	**5**	10	U
1,1,1-Trichloroethane	**5**	10	U
1,1,2,2-Tetrachloroethane	**5**	10	U
1,1,2-Trichloroethane	**1**	15	U
1,1-Dichloroethane	**5**	15	U
1,1-Dichloroethene	**5**	10	U
1,1-Dichloropropene	**5**	50	U
1,2,3-Trichlorobenzene	**5**	50	U
1,2,3-Trichloropropane	**0.04**	100	U
1,2,4,5-Tetramethylbenzene		40	U
1,2,4-Trichlorobenzene	**5**	50	U
1,2,4-Trimethylbenzene	**5**	560	
1,2-Dibromo-3-chloropropane	**0.04**	50	U
1,2-Dibromoethane	**0.0006**	40	U
1,2-Dichlorobenzene	**3**	50	U
1,2-Dichloroethane	**0.6**	10	U
1,2-Dichloropropane	**1**	35	U
1,3,5-Trimethylbenzene	**5**	190	
1,3-Dichlorobenzene	**3**	50	U
1,3-Dichloropropane	**5**	50	U
1,4-Dichlorobenzene	**3**	50	U

Table 5-9: Summary of Groundwater Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-4	
1,4-Diethylbenzene		74	
2,2-Dichloropropane	5	50	U
2-Butanone	50	100	U
2-Hexanone	50	100	U
4-Ethyltoluene		260	
4-Methyl-2-pentanone		100	U
Acetone	50	100	U
Acrylonitrile	5	100	U
Benzene	1	10	U
Bromobenzene	5	50	U
Bromochloromethane	5	50	U
Bromodichloromethane	50	10	U
Bromoform	50	40	U
Bromomethane	5	20	U
Carbon disulfide	60	100	U
Carbon tetrachloride	5	10	U
Chlorobenzene	5	10	U
Chloroethane	5	20	U
Chloroform	7	15	U
Chloromethane		50	U
cis-1,2-Dichloroethene	5	10	U
cis-1,3-Dichloropropene	0.4	10	U
Dibromochloromethane	50	10	U
Dibromomethane	5	100	U
Dichlorodifluoromethane	5	100	U
Ethyl ether		50	U
Ethylbenzene	5	15	
Hexachlorobutadiene	0.5	12	U
Isopropylbenzene	5	14	
Methyl tert butyl ether	10	20	U
Methylene chloride	5	100	U
n-Butylbenzene	5	10	U
n-Propylbenzene	5	32	
Naphthalene	10	56	
o-Chlorotoluene	5	50	U
o-Xylene	5	60	
p-Chlorotoluene	5	50	U
p-Isopropyltoluene	5	40	
p/m-Xylene	5	83	
sec-Butylbenzene	5	12	
Styrene	5	20	U
tert-Butylbenzene	5	50	U
Tetrachloroethene	5	10	U
Toluene	5	15	U
trans-1,2-Dichloroethene	5	15	U
trans-1,3-Dichloropropene	0.4	10	U
trans-1,4-Dichloro-2-butene	5	50	U
Trichloroethene	5	10	U
Trichlorofluoromethane	5	50	U
Vinyl acetate		100	U
Vinyl chloride	2	20	U

Semivolatile Organics (ug/l)

SAMPLING DATE		13-JAN-12

Table 5-9: Summary of Groundwater Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-4	
1,2,4,5-Tetrachlorobenzene	5	10	U
1,2,4-Trichlorobenzene	5	5	U
1,2-Dichlorobenzene	3	16	
1,3-Dichlorobenzene	3	2	U
1,4-Dichlorobenzene	3	4	
2,4,5-Trichlorophenol		5	U
2,4,6-Trichlorophenol		5	U
2,4-Dichlorophenol	1	5	U
2,4-Dimethylphenol	50	5	U
2,4-Dinitrophenol	10	20	U
2,4-Dinitrotoluene	5	5	U
2,6-Dinitrotoluene	5	5	U
2-Chlorophenol		2	U
2-Methylphenol		5	U
2-Nitroaniline	5	5	U
2-Nitrophenol		10	U
3,3'-Dichlorobenzidine	5	5	U
3-Methylphenol/4-Methylphenol		5	U
3-Nitroaniline	5	5	U
4,6-Dinitro-o-cresol		10	U
4-Bromophenyl phenyl ether		2	U
4-Chloroaniline	5	5	U
4-Chlorophenyl phenyl ether		2	U
4-Nitroaniline	5	5	U
4-Nitrophenol		10	U
Acetophenone		5	U
Benzoic Acid		50	U
Benzyl Alcohol		2	U
Biphenyl		2	U
Bis(2-chloroethoxy)methane	5	5	U
Bis(2-chloroethyl)ether	1	2	U
Bis(2-chloroisopropyl)ether	5	2	U
Bis(2-Ethylhexyl)phthalate	5	3	U
Butyl benzyl phthalate	50	5	U
Carbazole		2	U
Di-n-butylphthalate	50	5	U
Di-n-octylphthalate	50	5	U
Dibenzofuran		2	U
Diethyl phthalate	50	5	U
Dimethyl phthalate	50	5	U
Hexachlorocyclopentadiene	5	20	U
Isophorone	50	5	U
n-Nitrosodi-n-propylamine		5	U
Nitrobenzene	0.4	2	U
NitrosoDiPhenylAmine(NDPA)/DPA	50	2	U
P-Chloro-M-Cresol		2	U
Phenol	1	5	U
2-Chloronaphthalene	10	0.2	U
2-Methylnaphthalene		1.4	
Acenaphthene	20	0.2	U
Acenaphthylene		0.2	U
Anthracene	50	0.2	U
Benzo(a)anthracene		0.2	U
Benzo(a)pyrene		0.2	U

Table 5-9: Summary of Groundwater Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-4	
Benzo(b)fluoranthene	**0.002**	0.2	U
Benzo(ghi)perylene		0.2	U
Benzo(k)fluoranthene	**0.002**	0.2	U
Chrysene	**0.002**	0.2	U
Dibenzo(a,h)anthracene		0.2	U
Fluoranthene	**50**	0.2	U
Fluorene	**50**	0.2	U
Hexachlorobenzene	**0.04**	0.8	U
Hexachlorobutadiene	**0.5**	0.5	U
Hexachloroethane	**5**	0.8	U
Indeno(1,2,3-cd)Pyrene	**0.002**	0.2	U
Naphthalene	**10**	62	
Pentachlorophenol	**1**	0.8	U
Phenanthrene	**50**	0.2	U
Pyrene	**50**	0.2	U

Polychlorinated Biphenyls (ug/l)

SAMPLING DATE		16-FEB-12	
Aroclor 1016	**0.09**	0.1	U
Aroclor 1221	**0.09**	0.1	U
Aroclor 1232	**0.09**	0.1	U
Aroclor 1242	**0.09**	0.1	U
Aroclor 1248	**0.09**	0.1	U
Aroclor 1254	**0.09**	0.1	U
Aroclor 1260	**0.09**	0.1	U

Organochlorine Pesticides (ug/l)

SAMPLING DATE		16-FEB-12	
4,4'-DDD	**0.3**	0.04	U
4,4'-DDE	**0.2**	0.04	U
4,4'-DDT	**0.2**	0.04	U
Aldrin		0.02	U
Alpha-BHC	**0.01**	0.02	U
Beta-BHC	**0.04**	0.02	U
Chlordane	**0.05**	0.529	
Delta-BHC	**0.04**	0.02	U
Dieldrin	**0.004**	0.04	U
Endosulfan I		0.02	U
Endosulfan II		0.04	U
Endosulfan sulfate		0.04	U
Endrin		0.04	U
Endrin ketone	**5**	0.04	U
Heptachlor	**0.04**	0.02	U
Heptachlor epoxide	**0.03**	0.013	J
Lindane	**0.05**	0.02	U
Methoxychlor	**35**	0.2	U
Toxaphene	**0.06**	0.2	U
trans-Chlordane		0.092	

Notes:
U - Compound was not detected relative to the indicated limit.
J - Estimated value.
NY-AWQS - NYSDEC Part 703 Groundwater Quality Standard/Guidance Value.

Table 5-10: Summary of Sanitary and Stormwater System Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION	Comparison Criteria		ST-1	OP-1	OP-2	CB-1	CB-2
SAMPLING DATE	Action Levels (1)	Cleanup Objectives (2)	12/27/2011	12/27/2011	12/27/2011	12/27/2011	12/27/2011
General Chemistry							
% Solids	--	--	29	95	95	78	75
Cyanide as CN (mg/kg)	--	--	< 3.4	< 1.1	< 1.1	< 1.3	< 1.3
Volatile Organics (ug/kg)							
1,1 Dichloroethane	600	300	< 17	< 5.3	< 5.3	< 6.4	< 6.7
1,1 Dichloroethene	600	300	< 17	< 5.3	< 5.3	< 6.4	< 6.7
1,1-Dichloropropene	200	100	< 17	< 5.3	< 5.3	< 6.4	< 6.7
1,2 Dibromoethane	600	300	< 17	< 5.3	< 5.3	< 6.4	< 6.7
1,2 Dichlorobenzene (v)	2200	1100	< 690	< 5.3	< 5.3	< 6.4	< 6.7
1,2 Dichloroethane	100	50	< 17	< 5.3	< 5.3	< 6.4	< 6.7
1,2 Dichloropropane	100	50	< 17	< 5.3	< 5.3	< 6.4	< 6.7
1,3 Dichlorobenzene (v)	4800	2400	< 690	< 5.3	< 5.3	< 6.4	< 6.7
1,3-Dichloropropane	600	300	< 17	< 5.3	< 5.3	< 6.4	< 6.7
1,4 Dichlorobenzene (v)	3600	1800	25000	< 5.3	< 5.3	< 6.4	< 6.7
111 Trichloroethane	1400	700	< 17	< 5.3	< 5.3	< 6.4	< 6.7
1112Tetrachloroethane	600	300	< 17	< 5.3	< 5.3	< 6.4	< 6.7
112 Trichloroethane	200	100	< 17	< 5.3	< 5.3	< 6.4	< 6.7
1122Tetrachloroethane	800	400	< 690	< 5.3	< 5.3	< 6.4	< 6.7
123-Trichlorobenzene	3000	1500	< 690	< 5.3	< 5.3	< 6.4	< 6.7
123-Trichloropropane	100	50	< 690	< 5.3	< 5.3	< 6.4	< 6.7
124-Trichlorobenzene (v)	17000	8300	< 690	< 5.3	< 5.3	< 6.4	< 6.7
124-Trimethylbenzene	7200	3600	1100	< 5.3	< 5.3	< 6.4	< 6.7
1245 Tetramethylbenz	18000	8800	9700	< 5.3	< 5.3	< 6.4	< 6.7
135-Trimethylbenzene	16800	8400	690	< 5.3	< 5.3	< 6.4	< 6.7
2,2-Dichloropropane	600	300	< 17	< 5.3	< 5.3	< 6.4	< 6.7
2-Chlorotoluene	5200 (total chlorotoluenes)	2600 (total chlorotoluenes)	< 690	< 5.3	< 5.3	< 6.4	< 6.7
4-Chlorotoluene	5200 (total chlorotoluenes)	2600 (total chlorotoluenes)	< 690	< 5.3	< 5.3	< 6.4	< 6.7
Acetone	case by case basis	case by case basis	550	< 53	< 53	< 64	< 67
Benzene	120	60	69	< 5.3	< 5.3	< 6.4	< 6.7
Bromobenzene	2800	1400	< 690	< 5.3	< 5.3	< 6.4	< 6.7
Bromochloromethane	400	200	< 17	< 5.3	< 5.3	< 6.4	< 6.7
Bromodichloromethane	4600	2300	< 17	< 5.3	< 5.3	< 6.4	< 6.7
Bromoform	13000	6300	< 17	< 5.3	< 5.3	< 6.4	< 6.7
Bromomethane	--	--	< 17	< 5.3	< 5.3	< 6.4	< 6.7
c-1,2-Dichloroethene	400	200	< 17	< 5.3	< 5.3	< 6.4	< 6.7
c-1,3Dichloropropene	100	50	< 17	< 5.3	< 5.3	< 6.4	< 6.7
Carbon Tetrachloride	1600	800	< 17	< 5.3	< 5.3	< 6.4	< 6.7

Table 5-10: Summary of Sanitary and Stormwater System Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION	Comparison Criteria		ST-1	OP-1	OP-2	CB-1	CB-2
SAMPLING DATE	Action Levels (1)	Cleanup Objectives (2)	12/27/2011	12/27/2011	12/27/2011	12/27/2011	12/27/2011
Chlorobenzene	2200	1100	12000	< 5.3	< 5.3	< 6.4	< 6.7
Chlorodibromomethane	--	--	< 17	< 5.3	< 5.3	< 6.4	< 6.7
Chlorodifluoromethane	100	50	< 17	< 5.3	< 5.3	< 6.4	< 6.7
Chloroethane	400	200	< 17	< 5.3	< 5.3	< 6.4	< 6.7
Chloroform	800	400	< 17	< 5.3	< 5.3	< 6.4	< 6.7
Chloromethane	100	50	< 17	< 5.3	< 5.3	< 6.4	< 6.7
Dibromochloropropane	--	--	< 690	< 5.3	< 5.3	< 6.4	< 6.7
Dibromomethane	400	200	< 17	< 5.3	< 5.3	< 6.4	< 6.7
Dichlorodifluoromethane	600	300	< 17	< 5.3	< 5.3	< 6.4	< 6.7
Ethyl Benzene	2000	1000	410	< 5.3	< 5.3	< 6.4	< 6.7
Freon 113	12000	6000	< 17	< 5.3	< 5.3	< 6.4	< 6.7
Hexachlorobutadiene	54000	27000	< 690	< 5.3	< 5.3	< 6.4	< 6.7
Isopropylbenzene	9400	4700	< 690	< 5.3	< 5.3	< 6.4	< 6.7
m + p Xylene	see Xylene	see Xylene	1700	< 11	< 11	< 13	< 13
Methyl Ethyl Ketone	400	200	240	< 53	< 53	< 64	< 67
Methylene Chloride	--	--	< 17	< 5.3	< 5.3	< 6.4	< 6.7
Methylisobutylketone	1400	700	< 170	< 53	< 53	< 64	< 67
n-Butylbenzene	12000	5900	1200	< 5.3	< 5.3	< 6.4	< 6.7
n-Propylbenzene	8000	4000	< 690	< 5.3	< 5.3	< 6.4	< 6.7
Naphthalene(v)	24000	12000	7200	< 5.3	< 5.3	< 6.4	< 6.7
o Xylene	see Xylene	see Xylene	590	< 5.3	< 5.3	< 6.4	< 6.7
p Diethylbenzene	52000	26000	< 690	< 5.3	< 5.3	< 6.4	< 6.7
p-Ethyltoluene	9000	4500	< 690	< 5.3	< 5.3	< 6.4	< 6.7
p-Isopropyltoluene	22000	11000	340000	< 5.3	< 5.3	< 6.4	< 6.7
sec-Butylbenzene	12000	5900	< 690	< 5.3	< 5.3	< 6.4	< 6.7
Styrene	9200	4600	< 17	< 5.3	< 5.3	< 6.4	< 6.7
t-1,2-Dichloroethene	400	200	< 17	< 5.3	< 5.3	< 6.4	< 6.7
t-1,3Dichloropropene	100	50	< 17	< 5.3	< 5.3	< 6.4	< 6.7
ter.ButylMethylEther	200	100	< 17	< 5.3	< 5.3	< 6.4	< 6.7
tert-Butylbenzene	12000	5900	< 690	< 5.3	< 5.3	< 6.4	< 6.7
Tetrachloroethene	2600	1300	< 17	< 5.3	< 5.3	< 6.4	< 6.7
Toluene	3000	1500	2000	< 5.3	< 5.3	< 6.4	< 6.7
Trichloroethene	1000	500	< 17	< 5.3	< 5.3	< 6.4	< 6.7
Trichlorofluoromethane	1600	800	< 17	< 5.3	< 5.3	< 6.4	< 6.7
Vinyl Chloride	100	50	< 17	< 5.3	< 5.3	< 6.4	< 6.7
Xylene	3200	1600	2300	< 16	< 16	< 19	< 20
Semivolatile Organics (ug/kg)							
Acenaphthene	200000	98000	< 340	< 110	< 110	< 130	< 130

Table 5-10: Summary of Sanitary and Stormwater System Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION	Comparison Criteria		ST-1	OP-1	OP-2	CB-1	CB-2
SAMPLING DATE	Action Levels (1)	Cleanup Objectives (2)	12/27/2011	12/27/2011	12/27/2011	12/27/2011	12/27/2011
Anthracene	**200000**	**100000**	< 340	< 110	< 110	< 130	190
Benzo(a)anthracene	**2000**	**1000**	< 340	< 110	< 110	150	1600
Benzo(a)pyrene	**3400**	**17000**	< 340	< 110	< 110	170	1700
Benzo(b)fluoranthene	**3400**	**17000**	< 340	< 110	< 110	260	2100
Benzo(ghi)perylene	**200000**	**100000**	< 340	< 110	< 110	170	1300
Benzo(k)fluoranthene	**44000**	**22000**	< 340	< 110	< 110	230	2000
Chrysene	**2000**	**1000**	< 340	< 110	< 110	310	2500
Dibenzo(a,h)anthracene	**200000**	**100000**	< 340	< 110	< 110	< 130	< 130
Fluoranthene	**200000**	**100000**	< 340	< 110	< 110	440	4400
Fluorene	**200000**	**100000**	< 340	< 110	< 110	< 130	< 130
Indeno(1,2,3-cd)pyrene	**16000**	**8000**	< 340	< 110	< 110	150	1200
Phenanthrene	**200000**	**100000**	< 340	< 110	< 110	130	1900
Pyrene	**200000**	**100000**	< 340	< 110	< 110	350	3600
Total Metals (mg/kg)							
Arsenic as As	**30**	**6**	7.9	1.1	1.9	< 1.3	1.7
Barium as Ba	**4000**	**820**	170	5.2	5.2	3.8	8.3
Beryllium as Be	**240**	**47**	< 0.34	< 0.11	< 0.11	< 0.13	< 0.13
Cadmium as Cd	**40**	**7.5**	250	4.7	2	< 0.64	0.8
Chromium as Cr	**100**	**20**	150	3.8	5.9	1.3	6.5
Copper as Cu	**8500**	**1700**	1500	18	21	9.5	17
Lead as Pb	**2000**	**450**	180	8.2	5.2	2.3	24
Mercury as Hg	**3.7**	**0.7**	41	0.28	0.51	0.017	0.077
Nickel as Ni	**650**	**130**	160	1.7	< 1.1	1.8	4.9
Silver as Ag	**50**	**10**	17	< 0.53	< 0.53	< 0.64	< 0.67
Polychlorinated Biphenyls (ug/kg)							
Aroclor 1016	--	--	< 140	< 42	< 42	< 51	< 53
Aroclor 1221	--	--	< 140	< 42	< 42	< 51	< 53
Aroclor 1232	--	--	< 140	< 42	< 42	< 51	< 53
Aroclor 1242	--	--	< 140	< 42	< 42	< 51	< 53
Aroclor 1248	--	--	< 140	< 42	< 42	< 51	< 53
Aroclor 1254	--	--	< 140	< 42	< 42	< 51	< 53
Aroclor 1260	--	--	< 140	< 42	< 42	< 51	< 53
Organochlorine Pesticides (ug/kg)							
a BHC	--	--	< 6.9	< 2.1	< 2.1	< 2.6	< 2.7
Aldrin	--	--	< 6.9	< 2.1	< 2.1	< 2.6	4.3
b BHC	--	--	< 6.9	< 2.1	< 2.1	< 2.6	< 2.7

Table 5-10: Summary of Sanitary and Stormwater System Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION	Comparison Criteria		ST-1	OP-1	OP-2	CB-1	CB-2
SAMPLING DATE	Action Levels (1)	Cleanup Objectives (2)	12/27/2011	12/27/2011	12/27/2011	12/27/2011	12/27/2011
Chlordane	--	--	< 28	11	9.3	< 10	13
d BHC	--	--	< 6.9	< 2.1	< 2.1	< 2.6	< 2.7
Dieldrin	--	--	< 6.9	< 2.1	23	< 2.6	3.1
Endosulfan 1	--	--	< 14	< 4.2	< 4.2	< 5.1	< 5.3
Endosulfan 2	--	--	< 14	< 4.2	< 4.2	< 5.1	< 5.3
Endosulfan Sulfate	--	--	< 41	< 13	< 13	< 15	< 16
Endrin	--	--	< 6.9	< 2.1	< 2.1	< 2.6	< 2.7
Endrin Aldehyde	--	--	< 41	< 13	< 13	< 15	< 16
Heptachlor	--	--	< 6.9	< 2.1	< 2.1	< 2.6	< 2.7
Heptachlor Epoxide	--	--	< 6.9	< 2.1	< 2.1	< 2.6	< 2.7
Lindane	--	--	< 6.9	< 2.1	< 2.1	< 2.6	< 2.7
p,p-DDD	--	--	< 6.9	< 2.1	< 2.1	< 2.6	< 2.7
p,p-DDE	--	--	17	< 2.1	< 2.1	< 2.6	< 2.7
p,p-DDT	--	--	< 14	< 4.2	< 4.2	< 5.1	< 5.3
Toxaphene	--	--	< 140	< 42	< 42	< 51	< 53

Notes:
(1) - Suffolk County Department of Health Services: Action Levels per ARTICLE 12 SOP No 9-95. Effective January 1, 2011.
(2) - Suffolk County Department of Health Services: Cleanup Objectives per ARTICLE 12 SOP No 9-95. Effective January 1, 2011.
"<" - Compound was not detected relative to the indicated limit.
"--" - Criteria not provided.

Table 5-11: Summary of Groundwater Elevation Measurements

Former CAMCO Site
Ronkonkoma, New York

WELL NO.	MW-1			MW-2			MW-3			MW-4			MW-5			MW-6		
CASING/SCREEN DIAMETER (in.)	2			2			2			2			2			2		
TOTAL WELL DEPTH (ft.)	65			65			65			67			67			65		
SCREEN INTERVAL (ft.)	(1)			(1)			(1)			57 - 67			57 - 67			55 - 65		
MP ELEVATION (ft./msl.)	95.60			96.93			94.47			96.13			95.51			95.58		
SAMPLING DATE	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**
01/13/12	52.30	0.00	43.30	53.95	0.00	42.98	51.40	0.00	43.07	52.67	0.00	43.46	52.79	0.00	42.72	53.47	0.00	42.11
02/16/12	NM	0.00	-	NM	0.00	-	NM	0.00	-	53.81	0.00	42.32	53.02	0.00	42.49	53.12	0.00	42.46

Notes:
(1) - Screen interval is unknown.
MP - Top of casing measuring point.
DTW - Depth to water below measuring point (ft.).
FP - Free product thickness (ft.).
ELEV - Groundwater elevation (ft./msl).
NM - Not Measured

Attachment B-2

From Phase I Report - November 19, 2012

EnviroTrac
Environmental Services

Tables

Table 1: Summary of Groundwater Sampling Results - Offsite

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-1		MW-2	
General Chemistry					
Cyanide, Total (mg/kg)	200	2	J	2	J
Total Metals (ug/l)					
Aluminum, Total		147		1740	
Antimony, Total	3	0.8	J	0.8	
Arsenic, Total	25	0.5	U	1.9	
Barium, Total	1000	8.8		29.2	
Beryllium, Total	3	0.5	U	0.1	J
Cadmium, Total	5	0.2	J	0.1	J
Calcium, Total		8870		15000	
Chromium, Total	50	1.2		11.8	
Cobalt, Total		0.5	U	1	
Copper, Total	200	1		4.4	
Iron, Total	300	235		3290	
Lead, Total	25	0.2	J	4	
Magnesium, Total	35000	1460		1900	
Manganese, Total	300	2.8		135.6	
Mercury, Total	0.7	0.2	U	0.2	U
Nickel, Total	100	0.5	J	5.8	
Potassium, Total		1340		1690	
Selenium, Total	10	0.4	J	1	J
Silver, Total	50	0.5	U	0.5	U
Sodium, Total	20000	5390		6680	
Thallium, Total	0.5	0.5	U	0.1	J
Vanadium, Total		5	U	4.3	J
Zinc, Total	2000	3	J	10.8	
Volatile Organics (ug/l)					
1,1,1,2-Tetrachloroethane	5	2.5	U	2.5	U
1,1,1-Trichloroethane	5	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U
1,1,2-Trichloroethane	1	1.5	U	1.5	U
1,1-Dichloroethane	5	2.5	U	2.5	U
1,1-Dichloroethene	5	0.5	U	0.5	U
1,1-Dichloropropene	5	2.5	U	2.5	U
1,2,3-Trichlorobenzene	5	2.5	U	2.5	U
1,2,3-Trichloropropane	0.04	2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene		2	U	2	U
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	2.5	U
1,2-Dibromoethane	0.0006	2	U	2	U
1,2-Dichlorobenzene	3	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U
1,3,5-Trimethylbenzene	5	2.5	U	2.5	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U
1,3-Dichloropropane	5	2.5	U	2.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U
1,4-Diethylbenzene		2	U	2	U
2,2-Dichloropropane	5	2.5	U	2.5	U
2-Butanone	50	5	U	5	U
2-Hexanone	50	5	U	5	U
4-Ethyltoluene		2	U	2	U
4-Methyl-2-pentanone		5	U	5	U

Table 1: Summary of Groundwater Sampling Results - Offsite

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-1		MW-2	
Acetone	50	5	U	5	U
Acrylonitrile	5	5	U	5	U
Benzene	1	0.5	U	0.5	U
Bromobenzene	5	2.5	U	2.5	U
Bromochloromethane	5	2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	0.5	U
Bromoform	50	2	U	2	U
Bromomethane	5	2.5	U	2.5	U
Carbon disulfide	60	5	U	5	U
Carbon tetrachloride	5	0.5	U	0.5	U
Chlorobenzene	5	2.5	U	2.5	U
Chloroethane	5	0.91	J	2.5	U
Chloroform	7	2.5	U	2.5	U
Chloromethane		2.5	U	2.5	U
cis-1,2-Dichloroethene	5	2.5	U	2.5	U
cis-1,3-Dichloropropene	0.4	0.5	U	0.5	U
Dibromochloromethane	50	0.5	U	0.5	U
Dibromomethane	5	5	U	5	U
Dichlorodifluoromethane	5	5	U	5	U
Ethyl ether		2.5	U	2.5	U
Ethylbenzene	5	2.5	U	2.5	U
Hexachlorobutadiene	0.5	2.5	U	2.5	U
Isopropylbenzene	5	2.5	U	2.5	U
Methyl tert butyl ether	10	2.5	U	2.5	U
Methylene chloride	5	2.5	U	2.5	U
n-Butylbenzene	5	2.5	U	2.5	U
n-Propylbenzene	5	2.5	U	2.5	U
Naphthalene	10	2.5	U	2.5	U
o-Chlorotoluene	5	2.5	U	2.5	U
o-Xylene	5	2.5	U	2.5	U
p-Chlorotoluene	5	2.5	U	2.5	U
p-Isopropyltoluene	5	2.5	U	2.5	U
p/m-Xylene	5	2.5	U	2.5	U
sec-Butylbenzene	5	2.5	U	2.5	U
Styrene	5	2.5	U	2.5	U
tert-Butylbenzene	5	2.5	U	2.5	U
Tetrachloroethene	5	0.5	U	0.5	U
Toluene	5	2.5	U	2.5	U
trans-1,2-Dichloroethene	5	2.5	U	2.5	U
trans-1,3-Dichloropropene	0.4	0.5	U	0.5	U
trans-1,4-Dichloro-2-butene	5	2.5	U	2.5	U
Trichloroethene	5	0.5	U	0.5	U
Trichlorofluoromethane	5	2.5	U	2.5	U
Vinyl acetate		5	U	5	U
Vinyl chloride	2	1	U	1	U

Semivolatile Organics (ug/l)

1,2,4,5-Tetrachlorobenzene	5	10	U	10	U
1,2,4-Trichlorobenzene	5	5	U	5	U
1,2-Dichlorobenzene	3	2	U	2	U
1,3-Dichlorobenzene	3	2	U	2	U
1,4-Dichlorobenzene	3	2	U	2	U
2,4,5-Trichlorophenol		5	U	5	U
2,4,6-Trichlorophenol		5	U	5	U
2,4-Dichlorophenol	1	5	U	5	U
2,4-Dimethylphenol	50	5	U	5	U
2,4-Dinitrophenol	10	20	U	20	U

Table 1: Summary of Groundwater Sampling Results - Offsite

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-1		MW-2	
2,4-Dinitrotoluene	5	5	U	5	U
2,6-Dinitrotoluene	5	5	U	5	U
2-Chlorophenol		2	U	2	U
2-Methylphenol		5	U	5	U
2-Nitroaniline	5	5	U	5	U
2-Nitrophenol		10	U	10	U
3,3'-Dichlorobenzidine	5	5	U	5	U
3-Methylphenol/4-Methylphenol		5	U	5	U
3-Nitroaniline	5	5	U	5	U
4,6-Dinitro-o-cresol		10	U	10	U
4-Bromophenyl phenyl ether		2	U	2	U
4-Chloroaniline	5	5	U	5	U
4-Chlorophenyl phenyl ether		2	U	2	U
4-Nitroaniline	5	5	U	5	U
4-Nitrophenol		10	U	10	U
Acetophenone		5	U	5	U
Benzoic Acid		50	U	50	U
Benzyl Alcohol		2	U	2	U
Biphenyl		2	U	2	U
Bis(2-chloroethoxy)methane	5	5	U	5	U
Bis(2-chloroethyl)ether	1	2	U	2	U
Bis(2-chloroisopropyl)ether	5	2	U	2	U
Bis(2-Ethylhexyl)phthalate	5	3	U	3	U
Butyl benzyl phthalate	50	5	U	5	U
Carbazole		2	U	2	U
Di-n-butylphthalate	50	5	U	5	U
Di-n-octylphthalate	50	5	U	5	U
Dibenzofuran		2	U	2	U
Diethyl phthalate	50	5	U	5	U
Dimethyl phthalate	50	5	U	5	U
Hexachlorocyclopentadiene	5	20	U	20	U
Isophorone	50	5	U	5	U
n-Nitrosodi-n-propylamine		5	U	5	U
Nitrobenzene	0.4	2	U	2	U
NitrosoDiPhenylAmine(NDPA)/DP	50	2	U	2	U
P-Chloro-M-Cresol		2	U	2	U
Phenol	1	5	U	5	U
2-Chloronaphthalene	10	0.2	U	0.2	U
2-Methylnaphthalene		0.2	U	0.2	U
Acenaphthene	20	0.2	U	0.2	U
Acenaphthylene		0.2	U	0.2	U
Anthracene	50	0.2	U	0.2	U
Benzo(a)anthracene		0.2	U	0.2	U
Benzo(a)pyrene		0.2	U	0.2	U
Benzo(b)fluoranthene	0.002	0.2	U	0.2	U
Benzo(ghi)perylene		0.2	U	0.2	U
Benzo(k)fluoranthene	0.002	0.2	U	0.2	U
Chrysene	0.002	0.2	U	0.2	U
Dibenzo(a,h)anthracene		0.2	U	0.2	U
Fluoranthene	50	0.2	U	0.2	U
Fluorene	50	0.2	U	0.2	U
Hexachlorobenzene	0.04	0.8	U	0.8	U
Hexachlorobutadiene	0.5	0.5	U	0.5	U
Hexachloroethane	5	0.8	U	0.8	U
Indeno(1,2,3-cd)Pyrene	0.002	0.2	U	0.2	U
Naphthalene	10	0.2	U	0.2	U
Pentachlorophenol	1	0.8	U	0.8	U

Table 1: Summary of Groundwater Sampling Results - Offsite

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-1		MW-2	
Phenanthrene	50	0.2	U	0.2	U
Pyrene	50	0.2	U	0.2	U
Polychlorinated Biphenyls (ug/l)					
Aroclor 1016	0.09	0.25	U	0.25	U
Aroclor 1221	0.09	0.25	U	0.25	U
Aroclor 1232	0.09	0.25	U	0.25	U
Aroclor 1242	0.09	0.25	U	0.25	U
Aroclor 1248	0.09	0.25	U	0.25	U
Aroclor 1254	0.09	0.25	U	0.25	U
Aroclor 1260	0.09	0.25	U	0.25	U
Organochlorine Pesticides (ug/l)					
4,4'-DDD	0.3	0.04	U	0.04	U
4,4'-DDE	0.2	0.04	U	0.04	U
4,4'-DDT	0.2	0.04	U	0.04	U
Aldrin		0.02	U	0.02	U
Alpha-BHC	0.01	0.02	U	0.02	U
Beta-BHC	0.04	0.02	U	0.02	U
Chlordane	0.05	0.2	U	0.123	J
Delta-BHC	0.04	0.02	U	0.02	U
Dieldrin	0.004	0.04	U	0.04	U
Endosulfan I		0.02	U	0.02	U
Endosulfan II		0.04	U	0.04	U
Endosulfan sulfate		0.04	U	0.04	U
Endrin		0.04	U	0.04	U
Endrin ketone	5	0.04	U	0.04	U
Heptachlor	0.04	0.02	U	0.02	U
Heptachlor epoxide	0.03	0.02	U	0.02	U
Lindane	0.05	0.02	U	0.02	U
Methoxychlor	35	0.2	U	0.2	U
Toxaphene	0.06	0.2	U	0.2	U
trans-Chlordane		0.02	U	0.011	J

Notes:
Sampling conducted August 30, 2012.
U - Compound was not detected relative to the indicated limit.
J - Estimated value.
Result exceeds the NY-AWQS - NYSDEC Part 703 Groundwater Quality Standard/Guidance Value.

Table 2: Summary of Groundwater Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-4	
General Chemistry			
Cyanide, Total (mg/kg)	200	3	J
Total Metals (ug/l)			
Aluminum, Total		17	
Antimony, Total	3	0.7	J
Arsenic, Total	25	0.5	U
Barium, Total	1000	19.2	
Beryllium, Total	3	0.5	U
Cadmium, Total	5	0.5	U
Calcium, Total		16300	
Chromium, Total	50	0.8	J
Cobalt, Total		0.5	U
Copper, Total	200	0.5	J
Iron, Total	300	110	
Lead, Total	25	1	U
Magnesium, Total	35000	3390	
Manganese, Total	300	5.1	
Mercury, Total	0.7	0.2	U
Nickel, Total	100	0.5	
Potassium, Total		1100	
Selenium, Total	10	5	U
Silver, Total	50	0.5	U
Sodium, Total	20000	17300	
Thallium, Total	0.5	0.5	U
Vanadium, Total		5	U
Zinc, Total	2000	5.1	J
Volatile Organics (ug/l)			
1,1,1,2-Tetrachloroethane	5	2.5	U
1,1,1-Trichloroethane	5	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U
1,1,2-Trichloroethane	1	1.5	U
1,1-Dichloroethane	5	2.5	U
1,1-Dichloroethene	5	0.5	U
1,1-Dichloropropene	5	2.5	U
1,2,3-Trichlorobenzene	5	2.5	U
1,2,3-Trichloropropane	0.04	2.5	U
1,2,4,5-Tetramethylbenzene		2	U
1,2,4-Trichlorobenzene	5	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U
1,2-Dibromoethane	0.0006	2	U
1,2-Dichlorobenzene	3	2.5	U
1,2-Dichloroethane	0.6	0.5	U
1,2-Dichloropropane	1	1	U
1,3,5-Trimethylbenzene	5	2.5	U
1,3-Dichlorobenzene	3	2.5	U
1,3-Dichloropropane	5	2.5	U
1,4-Dichlorobenzene	3	2.5	U
1,4-Diethylbenzene		2	U
2,2-Dichloropropane	5	2.5	U
2-Butanone	50	5	U
2-Hexanone	50	5	U
4-Ethyltoluene		2	U

Table 2: Summary of Groundwater Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-4	
4-Methyl-2-pentanone		5	U
Acetone	50	5	U
Acrylonitrile	5	5	U
Benzene	1	0.5	U
Bromobenzene	5	2.5	U
Bromochloromethane	5	2.5	U
Bromodichloromethane	50	0.5	U
Bromoform	50	2	U
Bromomethane	5	2.5	U
Carbon disulfide	60	5	U
Carbon tetrachloride	5	0.5	U
Chlorobenzene	5	2.5	U
Chloroethane	5	2.5	U
Chloroform	7	2.5	U
Chloromethane		2.5	U
cis-1,2-Dichloroethene	5	2.5	U
cis-1,3-Dichloropropene	0.4	0.5	U
Dibromochloromethane	50	0.5	U
Dibromomethane	5	5	U
Dichlorodifluoromethane	5	5	U
Ethyl ether		2.5	U
Ethylbenzene	5	2.5	U
Hexachlorobutadiene	0.5	2.5	U
Isopropylbenzene	5	2.5	U
Methyl tert butyl ether	10	2.5	U
Methylene chloride	5	2.5	U
n-Butylbenzene	5	2.5	U
n-Propylbenzene	5	2.5	U
Naphthalene	10	2.5	U
o-Chlorotoluene	5	2.5	U
o-Xylene	5	2.5	U
p-Chlorotoluene	5	2.5	U
p-Isopropyltoluene	5	2.5	U
p/m-Xylene	5	2.5	U
sec-Butylbenzene	5	2.5	U
Styrene	5	2.5	U
tert-Butylbenzene	5	2.5	U
Tetrachloroethene	5	0.5	U
Toluene	5	2.5	U
trans-1,2-Dichloroethene	5	2.5	U
trans-1,3-Dichloropropene	0.4	0.5	U
trans-1,4-Dichloro-2-butene	5	2.5	U
Trichloroethene	5	0.5	U
Trichlorofluoromethane	5	2.5	U
Vinyl acetate		5	U
Vinyl chloride	2	1	U

Semivolatile Organics (ug/l)

1,2,4,5-Tetrachlorobenzene	5	10	U
1,2,4-Trichlorobenzene	5	5	U
1,2-Dichlorobenzene	3	2	U
1,3-Dichlorobenzene	3	2	U
1,4-Dichlorobenzene	3	2	U
2,4,5-Trichlorophenol		5	U
2,4,6-Trichlorophenol		5	U
2,4-Dichlorophenol	1	5	U

Table 2: Summary of Groundwater Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-4	
2,4-Dimethylphenol	50	5	U
2,4-Dinitrophenol	10	20	U
2,4-Dinitrotoluene	5	5	U
2,6-Dinitrotoluene	5	5	U
2-Chlorophenol		2	U
2-Methylphenol		5	U
2-Nitroaniline	5	5	U
2-Nitrophenol		10	U
3,3'-Dichlorobenzidine	5	5	U
3-Methylphenol/4-Methylphenol		5	U
3-Nitroaniline	5	5	U
4,6-Dinitro-o-cresol		10	U
4-Bromophenyl phenyl ether		2	U
4-Chloroaniline	5	5	U
4-Chlorophenyl phenyl ether		2	U
4-Nitroaniline	5	5	U
4-Nitrophenol		10	U
Acetophenone		5	U
Benzoic Acid		50	U
Benzyl Alcohol		2	U
Biphenyl		2	U
Bis(2-chloroethoxy)methane	5	5	U
Bis(2-chloroethyl)ether	1	2	U
Bis(2-chloroisopropyl)ether	5	2	U
Bis(2-Ethylhexyl)phthalate	5	3	U
Butyl benzyl phthalate	50	5	U
Carbazole		2	U
Di-n-butylphthalate	50	5	U
Di-n-octylphthalate	50	5	U
Dibenzofuran		2	U
Diethyl phthalate	50	5	U
Dimethyl phthalate	50	5	U
Hexachlorocyclopentadiene	5	20	U
Isophorone	50	5	U
n-Nitrosodi-n-propylamine		5	U
Nitrobenzene	0.4	2	U
NitrosoDiPhenylAmine(NDPA)/DPA	50	2	U
P-Chloro-M-Cresol		2	U
Phenol	1	5	U
2-Chloronaphthalene	10	0.2	U
2-Methylnaphthalene		0.2	U
Acenaphthene	20	0.2	U
Acenaphthylene		0.2	U
Anthracene	50	0.2	U
Benzo(a)anthracene		0.2	U
Benzo(a)pyrene		0.2	U
Benzo(b)fluoranthene	0.002	0.2	U
Benzo(ghi)perylene		0.2	U
Benzo(k)fluoranthene	0.002	0.2	U
Chrysene	0.002	0.2	U
Dibenzo(a,h)anthracene		0.2	U
Fluoranthene	50	0.2	U
Fluorene	50	0.2	U
Hexachlorobenzene	0.04	0.8	U
Hexachlorobutadiene	0.5	0.5	U
Hexachloroethane	5	0.8	U

Table 2: Summary of Groundwater Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-4	
Indeno(1,2,3-cd)Pyrene	0.002	0.2	U
Naphthalene	10	0.2	U
Pentachlorophenol	1	0.8	U
Phenanthrene	50	0.2	U
Pyrene	50	0.2	U

Polychlorinated Biphenyls (ug/l)

Aroclor 1016	0.09	0.25	U
Aroclor 1221	0.09	0.25	U
Aroclor 1232	0.09	0.25	U
Aroclor 1242	0.09	0.25	U
Aroclor 1248	0.09	0.25	U
Aroclor 1254	0.09	0.25	U
Aroclor 1260	0.09	0.25	U

Organochlorine Pesticides (ug/l)

4,4'-DDD	0.3	0.04	U
4,4'-DDE	0.2	0.04	U
4,4'-DDT	0.2	0.04	U
Aldrin		0.02	U
Alpha-BHC	0.01	0.02	U
Beta-BHC	0.04	0.02	U
Chlordane	0.05	0.356	
Delta-BHC	0.04	0.02	U
Dieldrin	0.004	0.04	U
Endosulfan I		0.02	U
Endosulfan II		0.04	U
Endosulfan sulfate		0.04	U
Endrin		0.04	U
Endrin ketone	5	0.04	U
Heptachlor	0.04	0.02	U
Heptachlor epoxide	0.03	0.02	U
Lindane	0.05	0.02	U
Methoxychlor	35	0.2	U
Toxaphene	0.06	0.2	U
trans-Chlordane		0.019	J

Notes:
Sampling conducted August 30, 2012.
U - Compound was not detected relative to the indicated limit.
J - Estimated value.
Result exceeds the NY-AWQS - NYSDEC Part 703 Groundwater Quality Standard/Guidance Value.

Table 3: Summary of Groundwater Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-3 (2)		MW-5 (1)		MW-7 (1,3)		MW-6 (1)	
General Chemistry									
Cyanide, Total (mg/kg)	200	6		2	J	5	U	3	J
Total Metals (ug/l)									
Aluminum, Total		158		9	J	7	J	82	
Antimony, Total	3	2.5	U	0.7	J	0.9	J	0.9	J
Arsenic, Total	25	2.5	U	0.2	J	0.2	J	3.4	
Barium, Total	1000	5.5		28.4		29.9		49.4	
Beryllium, Total	3	2.5	U	0.5	U	0.5	U	0.5	U
Cadmium, Total	5	2.5	U	0.5		0.4	J	1.8	
Calcium, Total		12200		17400		17400		18300	
Chromium, Total	50	5	U	0.6	J	0.7	J	3	
Cobalt, Total		2.5	U	0.5	U	0.5	U	0.2	J
Copper, Total	200	2.2	J	0.9	J	0.5	J	2.8	
Iron, Total	300	209	J	4620		4080		2100	
Lead, Total	25	5	U	1	U	1	U	0.7	J
Magnesium, Total	35000	2650		3310		3320		3030	
Manganese, Total	300	4.8		86.7		78.3		28.2	
Mercury, Total	0.7	0.2	U	0.2	U	0.2	U	0.2	U
Nickel, Total	100	2.5	U	0.4	J	0.5		1.7	
Potassium, Total		650		3100		3070		2700	
Selenium, Total	10	25	U	5	U	5	U	1	J
Silver, Total	50	2.5	U	0.5	U	0.5	U	0.5	U
Sodium, Total	20000	7280		11200		10900		40400	
Thallium, Total	0.5	2.5	U	0.5	U	0.5	U	0.1	J
Vanadium, Total		1.3	J	0.2	J	5	U	1.2	J
Zinc, Total	2000	12.3	J	3.3	J	3.9	J	14.2	
Volatile Organics (ug/l)									
1,1,1,2-Tetrachloroethane	5	2.5	U	6.2	U	12	U	2.5	U
1,1,1-Trichloroethane	5	2.5	U	6.2	U	12	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U	1.2	U	2.5	U	0.5	U
1,1,2-Trichloroethane	1	1.5	U	3.8	U	7.5	U	1.5	U
1,1-Dichloroethane	5	2.5	U	6.2	U	12	U	1.1	J
1,1-Dichloroethene	5	0.5	U	1.2	U	2.5	U	0.5	U
1,1-Dichloropropene	5	2.5	U	6.2	U	12	U	2.5	U
1,2,3-Trichlorobenzene	5	2.5	U	6.2	U	12	U	2.5	U
1,2,3-Trichloropropane	0.04	2.5	U	6.2	U	12	U	2.5	U
1,2,4,5-Tetramethylbenzene		2	U	9.3		9.7	J	11	
1,2,4-Trichlorobenzene	5	2.5	U	6.2	U	12	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	320		480		56	
1,2-Dibromo-3-chloropropane	0.04	2.5	U	6.2	U	12	U	2.5	U
1,2-Dibromoethane	0.0006	2	U	5	U	10	U	2	U
1,2-Dichlorobenzene	3	2.5	U	14		14		5.3	
1,2-Dichloroethane	0.6	0.5	U	1.2	U	2.5	U	0.5	U
1,2-Dichloropropane	1	1	U	2.5	U	5	U	1	U
1,3,5-Trimethylbenzene	5	2.5	U	120		170		22	
1,3-Dichlorobenzene	3	2.5	U	6.2	U	12	U	2.5	U
1,3-Dichloropropane	5	2.5	U	6.2	U	12	U	2.5	U
1,4-Dichlorobenzene	3	2.5	U	3.4	J	3.6	J	1.8	J
1,4-Diethylbenzene		2	U	35		36		7.5	
2,2-Dichloropropane	5	2.5	U	6.2	U	12	U	2.5	U
2-Butanone	50	5	U	5.5	J	13	J	5	U
2-Hexanone	50	5	U	12	U	25	U	5	U
4-Ethyltoluene		2	U	170		230		28	
4-Methyl-2-pentanone		5	U	12	U	25	U	5	U
Acetone	50	1.6	J	2.7	J	6.4	J	2	J

Table 3: Summary of Groundwater Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-3 (2)		MW-5 (1)		MW-7 (1,3)		MW-6 (1)	
Acrylonitrile	5	5	U	12	U	25	U	5	U
Benzene	1	0.5	U	1.2	U	2.5	U	0.5	U
Bromobenzene	5	2.5	U	6.2	U	12	U	2.5	U
Bromochloromethane	5	2.5	U	6.2	U	12	U	2.5	U
Bromodichloromethane	50	0.5	U	1.2	U	2.5	U	0.5	U
Bromoform	50	2	U	5	U	10	U	2	U
Bromomethane	5	2.5	U	6.2	U	12	U	2.5	U
Carbon disulfide	60	5	U	12	U	25	U	5	U
Carbon tetrachloride	5	0.5	U	1.2	U	2.5	U	0.5	U
Chlorobenzene	5	2.5	U	2.4	J	12	U	2.5	U
Chloroethane	5	2.5	U	6.2	U	12	U	2.5	U
Chloroform	7	2.5	U	6.2	U	12	U	2.5	U
Chloromethane		2.5	U	6.2	U	12	U	2.5	U
cis-1,2-Dichloroethene	5	2.5	U	6.2	U	12	U	2.5	U
cis-1,3-Dichloropropene	0.4	0.5	U	1.2	U	2.5	U	0.5	U
Dibromochloromethane	50	0.5	U	1.2	U	2.5	U	0.5	U
Dibromomethane	5	5	U	12	U	25	U	5	U
Dichlorodifluoromethane	5	5	U	12	U	25	U	5	U
Ethyl ether		2.5	U	6.2	U	12	U	2.5	U
Ethylbenzene	5	2.5	U	7.5		8	J	1.1	J
Hexachlorobutadiene	0.5	2.5	U	6.2	U	12	U	2.5	U
Isopropylbenzene	5	2.5	U	11		11	J	8.5	
Methyl tert butyl ether	10	2.5	U	6.2	U	12	U	2.5	U
Methylene chloride	5	2.5	U	6.2	U	12	U	2.5	U
n-Butylbenzene	5	2.5	U	3.9	J	4.7	J	3	
n-Propylbenzene	5	2.5	U	33		26		12	
Naphthalene	10	2.5	U	51		56		30	
o-Chlorotoluene	5	2.5	U	6.2	U	12	U	2.5	U
o-Xylene	5	2.5	U	30		32		4	
p-Chlorotoluene	5	2.5	U	6.2	U	12	U	2.5	U
p-Isopropyltoluene	5	2.5	U	8.6		9.8	J	12	
p/m-Xylene	5	2.5	U	43		44		2.9	
sec-Butylbenzene	5	2.5	U	7.4		8.7	J	10	
Styrene	5	2.5	U	6.2	U	12	U	2.5	U
tert-Butylbenzene	5	2.5	U	2.1	J	12	U	3.8	
Tetrachloroethene	5	0.5	U	0.75	J	2.5	U	0.5	U
Toluene	5	2.5	U	6.2	U	12	U	2.5	U
trans-1,2-Dichloroethene	5	2.5	U	6.2	U	12	U	2.5	U
trans-1,3-Dichloropropene	0.4	0.5	U	1.2	U	2.5	U	0.5	U
trans-1,4-Dichloro-2-butene	5	2.5	U	6.2	U	12	U	2.5	U
Trichloroethene	5	0.5	U	1.2	U	2.5	U	1.6	
Trichlorofluoromethane	5	2.5	U	6.2	U	12	U	2.5	U
Vinyl acetate		5	U	12	U	25	U	5	U
Vinyl chloride	2	1	U	2.5	U	5	U	1	U
Semivolatile Organics (ug/l)									
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U	10	U
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	3	2	U	7.2		6.8		2.5	
1,3-Dichlorobenzene	3	2	U	0.75	J	0.69	J	2	U
1,4-Dichlorobenzene	3	2	U	1.8	J	1.6	J	0.91	J
2,4,5-Trichlorophenol		5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol		5	U	5	U	5	U	5	U
2,4-Dichlorophenol	1	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	50	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	10	20	U	20	U	20	U	20	U
2,4-Dinitrotoluene	5	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	5	5	U	5	U	5	U	5	U

Table 3: Summary of Groundwater Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-3 (2)		MW-5 (1)		MW-7 (1,3)		MW-6 (1)	
2-Chlorophenol		2	U	2	U	2	U	2	U
2-Methylphenol		5	U	5	U	5	U	5	U
2-Nitroaniline	5	5	U	5	U	5	U	5	U
2-Nitrophenol		10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	5	5	U	5	U	5	U	5	U
3-Methylphenol/4-Methylphenol		5	U	5	U	5	U	5	U
3-Nitroaniline	5	5	U	5	U	5	U	5	U
4,6-Dinitro-o-cresol		10	U	10	U	10	U	10	U
4-Bromophenyl phenyl ether		2	U	2	U	2	U	2	U
4-Chloroaniline	5	5	U	5	U	5	U	5	U
4-Chlorophenyl phenyl ether		2	U	2	U	2	U	2	U
4-Nitroaniline	5	5	U	5	U	5	U	5	U
4-Nitrophenol		10	U	10	U	10	U	10	U
Acetophenone		5	U	5	U	5	U	5	U
Benzoic Acid		50	U	50	U	50	U	50	U
Benzyl Alcohol		2	U	2	U	2	U	2	U
Biphenyl		2	U	2	U	2	U	2	U
Bis(2-chloroethoxy)methane	5	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	1	2	U	2	U	2	U	2	U
Bis(2-chloroisopropyl)ether	5	2	U	2	U	2	U	2	U
Bis(2-Ethylhexyl)phthalate	5	3	U	3	U	3	U	3	U
Butyl benzyl phthalate	50	5	U	5	U	5	U	5	U
Carbazole		2	U	2	U	2	U	2	U
Di-n-butylphthalate	50	5	U	5	U	5	U	5	U
Di-n-octylphthalate	50	5	U	5	U	5	U	5	U
Dibenzofuran		2	U	2	U	2	U	2	U
Diethyl phthalate	50	5	U	5	U	5	U	5	U
Dimethyl phthalate	50	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	5	20	U	20	U	20	U	20	U
Isophorone	50	5	U	5	U	5	U	5	U
n-Nitrosodi-n-propylamine		5	U	5	U	5	U	5	U
Nitrobenzene	0.4	2	U	2	U	2	U	2	U
NitrosoDiPhenylAmine(NDPA)/DP	50	2	U	2	U	2	U	2	U
P-Chloro-M-Cresol		2	U	2	U	2	U	2	U
Phenol	1	5	U	5	U	5	U	5	U
2-Chloronaphthalene	10	0.2	U	0.4	U	0.4	U	0.2	U
2-Methylnaphthalene		0.2	U	0.84		0.73		0.74	
Acenaphthene	20	0.2	U	0.4	U	0.4	U	0.2	U
Acenaphthylene		0.2	U	0.4	U	0.4	U	0.2	U
Anthracene	50	0.2	U	0.4	U	0.4	U	0.2	U
Benzo(a)anthracene		0.2	U	0.4	U	0.4	U	0.2	U
Benzo(a)pyrene		0.2	U	0.4	U	0.4	U	0.2	U
Benzo(b)fluoranthene	0.002	0.2	U	0.4	U	0.4	U	0.2	U
Benzo(ghi)perylene		0.2	U	0.4	U	0.4	U	0.2	U
Benzo(k)fluoranthene	0.002	0.2	U	0.4	U	0.4	U	0.2	U
Chrysene	0.002	0.2	U	0.4	U	0.4	U	0.2	U
Dibenzo(a,h)anthracene		0.2	U	0.4	U	0.4	U	0.2	U
Fluoranthene	50	0.2	U	0.4	U	0.4	U	0.2	U
Fluorene	50	0.2	U	0.4	U	0.4	U	0.2	U
Hexachlorobenzene	0.04	0.8	U	1.6	U	1.6	U	0.8	U
Hexachlorobutadiene	0.5	0.5	U	1	U	1	U	0.5	U
Hexachloroethane	5	0.8	U	1.6	U	1.6	U	0.8	U
Indeno(1,2,3-cd)Pyrene	0.002	0.2	U	0.4	U	0.4	U	0.2	U
Naphthalene	10	0.2	U	24		21		11	
Pentachlorophenol	1	0.8	U	1.6	U	1.6	U	0.8	U
Phenanthrene	50	0.2	U	0.4	U	0.4	U	0.2	U
Pyrene	50	0.2	U	0.4	U	0.4	U	0.2	U

Table 3: Summary of Groundwater Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-3 (2)		MW-5 (1)		MW-7 (1,3)		MW-6 (1)	
Polychlorinated Biphenyls (ug/l)									
Aroclor 1016	**0.09**	**0.083**	**U**	**0.25**	**U**	**0.25**	**U**	**0.25**	**U**
Aroclor 1221	**0.09**	**0.083**	**U**	**0.25**	**U**	**0.25**	**U**	**0.25**	**U**
Aroclor 1232	**0.09**	**0.083**	**U**	**0.25**	**U**	**0.25**	**U**	**0.25**	**U**
Aroclor 1242	**0.09**	**0.083**	**U**	**0.25**	**U**	**0.25**	**U**	**0.25**	**U**
Aroclor 1248	**0.09**	**0.083**	**U**	**0.25**	**U**	**0.25**	**U**	**0.25**	**U**
Aroclor 1254	**0.09**	**0.083**	**U**	**0.25**	**U**	**0.25**	**U**	**0.25**	**U**
Aroclor 1260	**0.09**	**0.083**	**U**	**0.25**	**U**	**0.25**	**U**	**0.25**	**U**
Organochlorine Pesticides (ug/l)									
4,4'-DDD	**0.3**	**0.04**	**U**	**0.04**	**U**	**0.04**	**U**	**0.04**	**U**
4,4'-DDE	**0.2**	**0.04**	**U**	**0.04**	**U**	**0.04**	**U**	**0.04**	**U**
4,4'-DDT	**0.2**	**0.04**	**U**	**0.04**	**U**	**0.04**	**U**	**0.04**	**U**
Aldrin		**0.02**	**U**	**0.02**	**U**	**0.02**	**U**	**0.02**	**U**
Alpha-BHC	**0.01**	**0.02**	**U**	**0.02**	**U**	**0.02**	**U**	**0.02**	**U**
Beta-BHC	**0.04**	**0.02**	**U**	**0.02**	**U**	**0.02**	**U**	**0.02**	**U**
Chlordane	**0.05**	**0.2**	**U**	**0.2**	**U**	**0.2**	**U**	**0.2**	**U**
Delta-BHC	**0.04**	**0.02**	**U**	**0.02**	**U**	**0.02**	**U**	**0.02**	**U**
Dieldrin	**0.004**	**0.04**	**U**	**0.04**	**U**	**0.04**	**U**	**0.04**	**U**
Endosulfan I		**0.02**	**U**	**0.02**	**U**	**0.02**	**U**	**0.02**	**U**
Endosulfan II		**0.04**	**U**	**0.04**	**U**	**0.04**	**U**	**0.04**	**U**
Endosulfan sulfate		**0.04**	**U**	**0.04**	**U**	**0.04**	**U**	**0.04**	**U**
Endrin		**0.04**	**U**	**0.04**	**U**	**0.04**	**U**	**0.04**	**U**
Endrin ketone	**5**	**0.04**	**U**	**0.04**	**U**	**0.04**	**U**	**0.04**	**U**
Heptachlor	**0.04**	**0.02**	**U**	**0.02**	**U**	**0.02**	**U**	**0.02**	**U**
Heptachlor epoxide	**0.03**	**0.02**	**U**	**0.02**	**U**	**0.02**	**U**	**0.02**	**U**
Lindane	**0.05**	**0.02**	**U**	**0.02**	**U**	**0.02**	**U**	**0.02**	**U**
Methoxychlor	**35**	**0.2**	**U**	**0.2**	**U**	**0.2**	**U**	**0.2**	**U**
Toxaphene	**0.06**	**0.2**	**U**	**0.2**	**U**	**0.2**	**U**	**0.2**	**U**
trans-Chlordane		**0.02**	**U**	**0.02**	**U**	**0.02**	**U**	**0.02**	**U**

Notes:
(1) Sampling conducted August 30, 2012.
(2) Sampling conducted September 4, 2012.
(3) - Duplicate of sample MW-5.
U - Compound was not detected relative to the indicated limit.
J - Estimated value.
Result exceeds the NY-AWQS - NYSDEC Part 703 Groundwater Quality Standard/Guidance Value.

Table 4: Summary of Groundwater Elevation Measurements

Former CAMCO Site
Ronkonkoma, New York

WELL NO.	MW-1			MW-2			MW-4			MW-3			MW-5			MW-6		
LOCATION	Off-Site						Parcel B			Parcel A								
CASING/SCREEN DIAMETER (in.)	2			2			2			2			2			2		
TOTAL WELL DEPTH (ft.)	65			65			67			65			67			65		
SCREEN INTERVAL (ft.)	(1)			(1)			57 - 67			(1)			57 - 67			55 - 65		
MP ELEVATION (ft./msl.)	95.60			96.93			96.13			94.47			95.51			95.58		
SAMPLING DATE	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**
01/13/12	52.30	0.00	**43.30**	53.95	0.00	**42.98**	52.67	0.00	**43.46**	51.40	0.00	**43.07**	52.79	0.00	**42.72**	53.47	0.00	**42.11**
02/16/12	NM	0.00	-	NM	0.00	-	53.81	0.00	**42.32**	NM	0.00	-	53.02	0.00	**42.49**	53.12	0.00	**42.46**
08/30/12	NM	0.00	-	54.63	0.00	**42.30**	54.15	0.00	**41.98**	NM	0.00	-	53.33	0.00	**42.18**	53.44	0.00	**42.14**
09/04/12	NM	0.00	-	NM	0.00	-	NM	0.00	-	52.13	0.00	**42.34**	NM	0.00	-	NM	0.00	-
09/14/12	53.03	0.00	**42.57**	54.60	0.00	**42.33**	54.12	0.00	**42.01**	52.05	0.00	**42.42**	53.28	0.00	**42.23**	53.46	0.00	**42.12**

Notes:
(1) - Screen interval is unknown.
MP - Top of casing measuring point.
DTW - Depth to water below measuring point (ft.).
FP - Free product thickness (ft.).
ELEV - Groundwater elevation (ft./msl).
NM - Not Measured

Table 5: Summary of Groundwater Sampling Field Parameters

Former CAMCO Site
Ronkonkoma, New York

WELL NO.		MW-1	MW-2	MW-4		MW-3	MW-5		MW-6	
LOCATION		Off-Site		Parcel B		Parcel A				
SAMPLING DATE		8/30/2012	8/30/2012	1/13/2012	8/30/2012	9/4/2012	1/13/2012	8/30/2012	1/13/2012	8/30/2012
FIELD PARAMETER	UNITS	RESULTS (1)								
Specific Conductance	uS/cm	0.859	0.905	NM	1.012	1.043	0.348	0.229	0.406	1.029
pH	standard units	5.79	6.26	9.51	6.00	6.54	8.60	6.74	9.09	6.10
Eh (ORP)	mV	134.1	124.2	-152.7	85.7	285.1	-197.7	52.5	-241.5	51.4
Temperature	^{o}C	18.4	16.65	12.25	21.64	22.43	12.12	15.00	12.56	17.28
Dissolved Oxygen	mg/l	NM	NM	0.99	4.47	1.26	2.93	4.73	0.98	3.99

Notes:
(1) - Measurements represent final set taken prior to sample collection.

Table 6: Groundwater Sampling Results Exceeding Comparison Criteria

Former CAMCO Site
Ronkonkoma, New York

		Off-Site		Parcel B		Parcel A											
LOCATION		**MW-1**	**MW-2**	**MW-4**		**MW-3**	**MW-5**		**MW-7 (3)**		**MW-6**	
SAMPLING DATE	**NY-AWQS**	**(2)**	**(2)**	**(1)**	**(2)**	**(2)**	**(1)**	**(2)**	**(1)**	**(2)**	**(1)**	**(2)**
General Chemistry												
Cyanide, Total (mg/kg)	**200**	**(No Exceedances)**										
Total Metals (ug/l)												
Iron, Total	**300**	**235**	**3290**	**14000**	**110**	**209 J**	**7600**	**4620**	**4500**	**4080**	**550**	**2100**
Sodium, Total	**20000**	**5390**	**6680**	**41000**	**17300**	**7280**	**28000**	**11200**	**46000**	**10900**	**20000**	**40400**
Volatile Organics (ug/l)												
1,2,4-Trimethylbenzene	**5**	**2.5 U**	**2.5 U**	**560**	**2.5 U**	**2.5 U**	**120**	**320**	**140**	**480**	**2.5 U**	**56**
1,2-Dichlorobenzene	**3**	**2.5 U**	**2.5 U**	**50 U**	**2.5 U**	**2.5 U**	**6.2 U**	**14**	**5.5**	**14**	**2.5 U**	**5.3**
1,3,5-Trimethylbenzene	**5**	**2.5 U**	**2.5 U**	**190**	**2.5 U**	**2.5 U**	**49**	**120**	**64**	**170**	**2.5 U**	**22**
1,4-Dichlorobenzene	**3**	**2.5 U**	**2.5 U**	**50 U**	**2.5 U**	**2.5 U**	**6.2 U**	**3.4 J**	**1.6 J**	**3.6 J**	**2.5 U**	**1.8 J**
Ethylbenzene	**5**	**2.5 U**	**2.5 U**	**15**	**2.5 U**	**2.5 U**	**1.9**	**7.5**	**2.8**	**8 J**	**0.5 U**	**1.1 J**
Isopropylbenzene	**5**	**2.5 U**	**2.5 U**	**14**	**2.5 U**	**2.5 U**	**3.8**	**11**	**6.2**	**11 J**	**0.5 U**	**8.5**
n-Butylbenzene	**5**	**2.5 U**	**2.5 U**	**10 U**	**2.5 U**	**2.5 U**	**7.3**	**3.9 J**	**6.5**	**4.7 J**	**0.5 U**	**3**
n-Propylbenzene	**5**	**2.5 U**	**2.5 U**	**32**	**2.5 U**	**2.5 U**	**13**	**33**	**20**	**26**	**0.5 U**	**12**
Naphthalene	**10**	**2.5 U**	**2.5 U**	**56**	**2.5 U**	**2.5 U**	**7.1**	**51**	**16**	**56**	**2.5 U**	**30**
o-Xylene	**5**	**2.5 U**	**2.5 U**	**60**	**2.5 U**	**2.5 U**	**8**	**30**	**11**	**32**	**1 U**	**4**
p-Isopropyltoluene	**5**	**2.5 U**	**2.5 U**	**40**	**2.5 U**	**2.5 U**	**15**	**8.6**	**5**	**9.8 J**	**0.5 U**	**12**
p/m-Xylene	**5**	**2.5 U**	**2.5 U**	**83**	**2.5 U**	**2.5 U**	**4.9**	**43**	**7.2**	**44**	**1 U**	**2.9**
sec-Butylbenzene	**5**	**2.5 U**	**2.5 U**	**12**	**2.5 U**	**2.5 U**	**7.4**	**7.4**	**7.8**	**8.7 J**	**0.5 U**	**10**
Semivolatile Organics (ug/l)												
1,2-Dichlorobenzene	**3**	**2 U**	**2 U**	**16**	**2 U**	**2 U**	**2 U**	**7.2**	**2 U**	**6.8**	**2 U**	**2.5**
1,4-Dichlorobenzene	**3**	**2 U**	**2 U**	**4**	**2 U**	**2 U**	**2 U**	**1.8 J**	**2 U**	**1.6 J**	**2 U**	**0.91 J**
Naphthalene	**10**	**0.2 U**	**0.2 U**	**62**	**0.2 U**	**0.2 U**	**5.5**	**24**	**11**	**21**	**0.2 U**	**11**
Polychlorinated Biphenyls (ug/l)												
(No Exceedances)												
Organochlorine Pesticides (ug/l)												
Chlordane	**0.05**	**0.2 U**	**0.123 J**	**0.529**	**0.356**	**0.2 U**	**0.2 U**	**0.2 U**	**0.2 U**	**0.2 U**	**0.2 U**	**0.2 U**

Notes:
(1) - Sampling Conducted Jan/Feb 2012..
(2) - Sampling Conducted Aug/Sept 2012.
(3) - Duplicate of sample MW-5.
U - Compound was not detected relative to the indicated limit.
J - Estimated value.
Result exceeds the NY-AWQS - NYSDEC Part 703 Groundwater Quality Standard/Guidance Value.

Table 7: Summary of Soil Vapor Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

		SG-1		SG-2		SG-5		SG-7	
COMPOUND NAME	CASNUM	REPLMT	RESULTS	REPLMT	RESULTS	REPLMT	RESULTS	REPLMT	RESULTS
Freon 12	75-71-8	6.8	ND	0.80	2.4	1.4	2.1	40	ND
Freon 114	76-14-2	9.6	ND	1.1	ND	2.0	ND	56	ND
Chloromethane	74-87-3	2.8	ND	0.33	1.4	0.58	2.0	66	ND
Vinyl Chloride	75-01-4	3.5	ND	0.41	ND	0.72	ND	20	ND
1,3-Butadiene	106-99-0	3.0	ND	0.36	ND	0.62	ND	18	ND
Bromomethane	74-83-9	5.3	ND	0.62	1.2	1.1	3.2	31	ND
Chloroethane	75-00-3	18	ND	2.1	ND	3.7	ND	85	ND
Freon 11	75-69-4	7.7	11	0.90	6.6	1.6	ND	45	ND
Ethanol	64-17-5	13	70	1.5	53	2.6	63	61	ND
Freon 113	76-13-1	10	15	1.2	34	2.1	3.2	62	ND
1,1-Dichloroethene	75-35-4	5.4	ND	0.64	ND	1.1	ND	32	ND
Acetone	67-64-1	16	210	1.9	280	3.3	490	76	180
2-Propanol	67-63-0	17	ND	2.0	4.6	3.4	ND	79	ND
Carbon Disulfide	75-15-0	21	ND	2.5	7.1	4.4	ND	25	ND
3-Chloropropene	107-05-1	21	ND	2.5	ND	4.4	ND	100	ND
Methylene Chloride	75-09-2	9.5	ND	1.1	2.8	1.9	ND	28	ND
Methyl tert-butyl ether	1634-04-4	4.9	ND	0.58	3.0	1.0	ND	29	ND
trans-1,2-Dichloroethene	156-60-5	5.4	10	0.64	ND	1.1	ND	32	110
Hexane	110-54-3	4.8	ND	0.57	7.4	0.99	19	28	ND
1,1-Dichloroethane	75-34-3	5.5	ND	0.65	ND	1.1	2.2	32	ND
2-Butanone (Methyl Ethyl Ketone)	78-93-3	20	ND	2.4	28	4.1	28	95	ND
cis-1,2-Dichloroethene	156-59-2	5.4	67	0.64	ND	1.1	1.7	32	3800
Tetrahydrofuran	109-99-9	20	ND	2.4	18	4.1	ND	24	ND
Chloroform	67-66-3	6.7	9.3	0.79	3.0	1.4	ND	39	ND
1,1,1-Trichloroethane	71-55-6	7.5	240	0.88	260	1.5	160	44	95
Cyclohexane	110-82-7	4.7	ND	0.55	ND	0.96	ND	28	ND
Carbon Tetrachloride	56-23-5	8.6	ND	1.0	ND	1.8	ND	51	ND
2,2,4-Trimethylpentane	540-84-1	32	ND	3.8	7.4	6.5	ND	38	ND
Benzene	71-43-2	4.4	6.5	0.51	8.8	0.89	1.5	26	ND
1,2-Dichloroethane	107-06-2	5.5	ND	0.65	ND	1.1	ND	32	ND
Heptane	142-82-5	5.6	6.4	0.66	12	1.1	7.0	33	ND
1,2-Dichloropropane	78-87-5	6.3	ND	0.74	ND	1.3	ND	37	ND

Table 7: Summary of Soil Vapor Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

		SG-1		SG-2		SG-5		SG-7	
COMPOUND NAME	CASNUM	REPLMT	RESULTS	REPLMT	RESULTS	REPLMT	RESULTS	REPLMT	RESULTS
1,4-Dioxane	123-91-1	4.9	ND	0.58	ND	1.0	ND	120	ND
Bromodichloromethane	75-27-4	9.2	ND	1.1	ND	1.9	ND	54	ND
cis-1,3-Dichloropropene	10061-01-5	6.2	ND	0.73	ND	1.3	ND	36	ND
4-Methyl-2-pentanone	108-10-1	5.6	ND	0.66	1.1	1.1	1.3	33	ND
Toluene	108-88-3	5.2	170	0.61	170	1.0	44	30	110
trans-1,3-Dichloropropene	10061-02-6	6.2	ND	0.73	ND	1.3	ND	36	ND
1,1,2-Trichloroethane	79-00-5	7.5	ND	0.88	ND	1.5	ND	44	ND
Tetrachloroethene	127-18-4	9.3	280	1.1	12	1.9	12	55	1900
2-Hexanone	591-78-6	28	ND	3.3	ND	5.7	ND	130	ND
Dibromochloromethane	124-48-1	12	ND	1.4	ND	2.4	ND	68	ND
1,2-Dibromoethane (EDB)	106-93-4	10	ND	1.2	ND	2.2	ND	62	ND
Chlorobenzene	108-90-7	6.3	ND	0.74	ND	1.3	ND	37	ND
Ethyl Benzene	100-41-4	5.9	19	0.70	21	1.2	11	35	ND
m,p-Xylene	108-38-3/106-42-3	5.9	73	0.70	83	1.2	31	35	41
o-Xylene	95-47-6	5.9	24	0.70	31	1.2	12	35	ND
Styrene	100-42-5	5.8	ND	0.68	ND	1.2	18	34	ND
Bromoform	75-25-2	14	ND	1.7	ND	2.9	ND	83	ND
Cumene	98-82-8	6.7	ND	0.79	2.1	1.4	ND	40	ND
1,1,2,2-Tetrachloroethane	79-34-5	9.4	ND	1.1	ND	1.9	ND	55	ND
Propylbenzene	103-65-1	6.7	ND	0.79	4.5	1.4	2.3	40	ND
4-Ethyltoluene	622-96-8	6.7	19	0.79	22	1.4	7.4	40	ND
1,3,5-Trimethylbenzene	108-67-8	6.7	ND	0.79	6.1	1.4	1.9	40	ND
1,2,4-Trimethylbenzene	95-63-6	6.7	18	0.79	23	1.4	6.0	40	ND
1,3-Dichlorobenzene	541-73-1	8.2	ND	0.97	ND	1.7	ND	48	ND
1,4-Dichlorobenzene	106-46-7	8.2	130	0.97	120	1.7	22	48	120
alpha-Chlorotoluene	100-44-7	7.1	ND	0.83	ND	1.4	ND	42	ND
1,2-Dichlorobenzene	95-50-1	8.2	ND	0.97	ND	1.7	ND	48	ND
1,2,4-Trichlorobenzene	120-82-1	51	ND	6.0	ND	10	ND	240	ND
Hexachlorobutadiene	87-68-3	73	ND	8.6	ND	15	ND	340	ND
Trichloroethene	79-01-6	1.5	1300	0.17	75	0.30	310	43	26000

Table 7: Summary of Soil Vapor Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

		SG-10 (1)		SG-8		SG-9	
COMPOUND NAME	CASNUM	REPLMT	RESULTS	REPLMT	RESULTS	REPLMT	RESULTS
Freon 12	75-71-8	40	ND	1.8	ND	1.7	2.4
Freon 114	76-14-2	56	ND	2.6	ND	2.4	ND
Chloromethane	74-87-3	66	ND	0.77	1.1	0.72	1.7
Vinyl Chloride	75-01-4	20	ND	0.95	ND	0.89	ND
1,3-Butadiene	106-99-0	18	ND	0.82	ND	0.77	ND
Bromomethane	74-83-9	31	ND	1.4	1.6	1.4	1.8
Chloroethane	75-00-3	85	ND	4.9	ND	4.6	ND
Freon 11	75-69-4	45	ND	2.1	8.2	2.0	3.1
Ethanol	64-17-5	61	ND	3.5	43	3.3	70
Freon 113	76-13-1	62	ND	2.8	140	2.7	6.3
1,1-Dichloroethene	75-35-4	32	ND	1.5	ND	1.4	ND
Acetone	67-64-1	76	100	4.4	240	4.2	390
2-Propanol	67-63-0	79	ND	4.6	ND	4.3	7.4
Carbon Disulfide	75-15-0	25	ND	5.8	ND	5.4	43
3-Chloropropene	107-05-1	100	ND	5.8	ND	5.5	ND
Methylene Chloride	75-09-2	28	ND	2.6	ND	2.4	4.6
Methyl tert-butyl ether	1634-04-4	29	ND	1.3	ND	1.3	ND
trans-1,2-Dichloroethene	156-60-5	32	100	1.5	ND	1.4	ND
Hexane	110-54-3	28	ND	1.3	7.0	1.2	10
1,1-Dichloroethane	75-34-3	32	ND	1.5	ND	1.4	ND
2-Butanone (Methyl Ethyl Ketone)	78-93-3	95	ND	5.5	15	5.2	39
cis-1,2-Dichloroethene	156-59-2	32	3700	1.5	3.1	1.4	1.7
Tetrahydrofuran	109-99-9	24	ND	5.5	ND	5.2	25
Chloroform	67-66-3	39	ND	1.8	2.6	1.7	2.1
1,1,1-Trichloroethane	71-55-6	44	92	2.0	370	1.9	150
Cyclohexane	110-82-7	28	ND	1.3	ND	1.2	ND
Carbon Tetrachloride	56-23-5	51	ND	2.3	ND	2.2	ND
2,2,4-Trimethylpentane	540-84-1	38	ND	8.7	ND	8.2	11
Benzene	71-43-2	26	ND	1.2	ND	1.1	12
1,2-Dichloroethane	107-06-2	32	ND	1.5	ND	1.4	ND
Heptane	142-82-5	33	ND	1.5	3.0	1.4	16
1,2-Dichloropropane	78-87-5	37	ND	1.7	ND	1.6	ND

Table 7: Summary of Soil Vapor Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

		SG-10 (1)		SG-8		SG-9	
COMPOUND NAME	**CASNUM**	**REPLMT**	**RESULTS**	**REPLMT**	**RESULTS**	**REPLMT**	**RESULTS**
1,4-Dioxane	**123-91-1**	**120**	**ND**	**1.3**	**ND**	**1.3**	**ND**
Bromodichloromethane	**75-27-4**	**54**	**ND**	**2.5**	**ND**	**2.3**	**ND**
cis-1,3-Dichloropropene	**10061-01-5**	**36**	**ND**	**1.7**	**ND**	**1.6**	**ND**
4-Methyl-2-pentanone	**108-10-1**	**33**	**ND**	**1.5**	**ND**	**1.4**	**1.8**
Toluene	**108-88-3**	**30**	**110**	**1.4**	**17**	**1.3**	**180**
trans-1,3-Dichloropropene	**10061-02-6**	**36**	**ND**	**1.7**	**ND**	**1.6**	**ND**
1,1,2-Trichloroethane	**79-00-5**	**44**	**ND**	**2.0**	**ND**	**1.9**	**ND**
Tetrachloroethene	**127-18-4**	**55**	**1900**	**2.5**	**5.0**	**2.4**	**120**
2-Hexanone	**591-78-6**	**130**	**ND**	**7.6**	**ND**	**7.2**	**ND**
Dibromochloromethane	**124-48-1**	**68**	**ND**	**3.2**	**ND**	**3.0**	**ND**
1,2-Dibromoethane (EDB)	**106-93-4**	**62**	**ND**	**2.9**	**ND**	**2.7**	**ND**
Chlorobenzene	**108-90-7**	**37**	**ND**	**1.7**	**ND**	**1.6**	**ND**
Ethyl Benzene	**100-41-4**	**35**	**ND**	**1.6**	**4.3**	**1.5**	**22**
m,p-Xylene	**108-38-3/106-42-3**	**35**	**40**	**1.6**	**12**	**1.5**	**86**
o-Xylene	**95-47-6**	**35**	**ND**	**1.6**	**5.4**	**1.5**	**30**
Styrene	**100-42-5**	**34**	**ND**	**1.6**	**8.1**	**1.5**	**ND**
Bromoform	**75-25-2**	**83**	**ND**	**3.8**	**ND**	**3.6**	**ND**
Cumene	**98-82-8**	**40**	**ND**	**1.8**	**ND**	**1.7**	**2.0**
1,1,2,2-Tetrachloroethane	**79-34-5**	**55**	**ND**	**2.6**	**ND**	**2.4**	**ND**
Propylbenzene	**103-65-1**	**40**	**ND**	**1.8**	**ND**	**1.7**	**4.5**
4-Ethyltoluene	**622-96-8**	**40**	**ND**	**1.8**	**5.5**	**1.7**	**22**
1,3,5-Trimethylbenzene	**108-67-8**	**40**	**ND**	**1.8**	**ND**	**1.7**	**6.1**
1,2,4-Trimethylbenzene	**95-63-6**	**40**	**ND**	**1.8**	**5.7**	**1.7**	**22**
1,3-Dichlorobenzene	**541-73-1**	**48**	**ND**	**2.2**	**ND**	**2.1**	**ND**
1,4-Dichlorobenzene	**106-46-7**	**48**	**120**	**2.2**	**41**	**2.1**	**130**
alpha-Chlorotoluene	**100-44-7**	**42**	**ND**	**1.9**	**ND**	**1.8**	**ND**
1,2-Dichlorobenzene	**95-50-1**	**48**	**ND**	**2.2**	**ND**	**2.1**	**ND**
1,2,4-Trichlorobenzene	**120-82-1**	**240**	**ND**	**14**	**ND**	**13**	**ND**
Hexachlorobutadiene	**87-68-3**	**340**	**ND**	**20**	**ND**	**19**	**ND**
Trichloroethene	**79-01-6**	**43**	**26000**	**0.40**	**300**	**0.38**	**73**

Notes:
Testing conducted August 30, 2012.
REPLMT - reporting limit.
Reporting limit and results provided in ug/m^3.
ND - compound was not detected relative to the indicated reporting limit.
(1) - Duplicate of sample SG-7.

Table 8: Comparison of 2008 and 2012 Soil Vapor Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

	SG-1			SG-2			SG-5		
COMPOUND NAME	**03/18/08**	**02/09/12**	**08/30/12**	**03/18/08**	**02/09/12**	**08/30/12**	**09/15/08**	**02/09/12**	**08/30/12**
Trichloroethene	940	730	1300	1600	25	75	240	150	310
cis-1,2-Dichloroethene	ND	9.3	67	ND	ND	ND	8.9	ND	1.7
Tetrachloroethene	290	150	280	51	8.3	12	210	7	12
trans-1,2-Dichloroethene	ND	ND	10	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	75	55	240	17	33	260	120	69	160
Chloroform	ND	ND	9.3	ND	1.7	3	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	27	ND	2
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs (2)	1305	944.3	1906.3	1668	68	350	605.9	226	485.9
Total VOCs Remaining (3)	100%	72%	146%	100%	4%	21%	100%	37%	80%

	SG-7			SG-10 (1)		SG-8			SG-9	
COMPOUND NAME	**09/15/08**	**02/09/12**	**08/30/12**	**02/09/12**	**08/30/12**	**09/15/08**	**02/09/12**	**08/30/12**	**02/09/12**	**08/30/12**
Trichloroethene	32000	2300	26000	2500	26000	600	10	300	37	73
cis-1,2-Dichloroethene	4600	590	3800	650	3700	ND	ND	3.1	0.79	1.7
Tetrachloroethene	920	150	1900	170	1900	90	2.6	5	54	120
trans-1,2-Dichloroethene	150	ND	110	ND	100	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	95	ND	92	130	20	370	48	150
Chloroform	ND	ND	ND	ND	ND	4.5	ND	2.6	ND	2.1
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs (2)	37670	3040	31905	3320	31792	824.5	32.6	680.7	139.79	346.8
Total VOCs Remaining (3)	100%	8%	85%	NA	NA	100%	4%	83%	NA	NA

Notes:

Results provided in ug/m^3.
ND - compound was not detected.
NA - not applicable.
(1) - Duplicate of sample SG-7.
(2) - Based on the provided short list.
(3) - In percent relative to 2008 concentrations.

Attachment B-3

From Phase II Report - September 27, 2013

EnviroTrac
Environmental Services

Tables

Table 1: Summary of Groundwater Sampling Results - Offsite

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-1		MW-2	
Volatile Organics (ug/l)		Result	Qual	Result	Qual
1,1,1,2-Tetrachloroethane	**5**	2.5	U	2.5	U
1,1,1-Trichloroethane	**5**	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	**5**	0.5	U	0.5	UJ
1,1,2-Trichloroethane	**1**	1.5	U	1.5	U
1,1-Dichloroethane	**5**	2.5	U	2.5	U
1,1-Dichloroethene	**5**	0.5	U	0.5	U
1,1-Dichloropropene	**5**	2.5	U	2.5	U
1,2,3-Trichlorobenzene	**5**	2.5	U	2.5	UJ
1,2,3-Trichloropropane	**0.04**	2.5	U	2.5	UJ
1,2,4,5-Tetramethylbenzene	**5**	2	U	2	U
1,2,4-Trichlorobenzene	**5**	2.5	U	2.5	U
1,2,4-Trimethylbenzene	**5**	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	**0.04**	2.5	U	2.5	U
1,2-Dibromoethane	**0.0006**	2	U	2	U
1,2-Dichlorobenzene	**3**	2.5	U	2.5	U
1,2-Dichloroethane	**0.6**	0.5	U	0.5	U
1,2-Dichloropropane	**1**	1	U	1	U
1,3,5-Trimethylbenzene	**5**	2.5	U	2.5	U
1,3-Dichlorobenzene	**3**	2.5	U	2.5	U
1,3-Dichloropropane	**5**	2.5	U	2.5	U
1,4-Dichlorobenzene	**3**	2.5	U	2.5	U
1,4-Diethylbenzene	**NA**	2	U	2	U
1,4-Dioxane	**NA**	250	R	250	R
2,2-Dichloropropane	**5**	2.5	U	2.5	U
2-Butanone	**50**	5	R	5	R
2-Hexanone	**50**	5	U	5	UJ
4-Ethyltoluene	**NA**	2	U	2	U
4-Methyl-2-pentanone	**NA**	5	R	5	R
Acetone	**50**	5	R	5	R
Acrylonitrile	**5**	5	R	5	R
Benzene	**1**	0.5	U	0.5	U
Bromobenzene	**5**	2.5	U	2.5	U
Bromochloromethane	**5**	2.5	U	2.5	U
Bromodichloromethane	**50**	0.5	U	0.5	U
Bromoform	**50**	2	U	2	U
Bromomethane	**5**	2.5	U	2.5	UJ
Carbon disulfide	**60**	5	U	5	U
Carbon tetrachloride	**5**	0.5	U	0.5	U
Chlorobenzene	**5**	2.5	U	2.5	U
Chloroethane	**5**	2.5	U	2.5	U
Chloroform	**7**	2.5	U	2.5	U
Chloromethane	**NA**	2.5	U	2.5	U
cis-1,2-Dichloroethene	**5**	2.5	U	2.5	U
cis-1,3-Dichloropropene	**0.4**	0.5	U	0.5	U
Dibromochloromethane	**50**	0.5	U	0.5	U
Dibromomethane	**5**	5	U	5	U
Dichlorodifluoromethane	**5**	5	U	5	U
Ethyl ether	**NA**	2.5	U	2.5	U
Ethylbenzene	**5**	2.5	U	2.5	U
Hexachlorobutadiene	**0.5**	2.5	U	2.5	U
Isopropylbenzene	**5**	2.5	U	2.5	U
Methyl tert butyl ether	**10**	2.5	U	2.5	U
Methylene chloride	**5**	2.5	U	2.5	U
n-Butylbenzene	**5**	2.5	U	2.5	U
n-Propylbenzene	**5**	2.5	U	2.5	U

Table 1: Summary of Groundwater Sampling Results - Offsite

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-1		MW-2	
Naphthalene	**10**	2.5	U	2.5	UJ
o-Chlorotoluene	**5**	2.5	U	2.5	U
o-Xylene	**5**	2.5	U	2.5	U
p-Chlorotoluene	**5**	2.5	U	2.5	U
p-Isopropyltoluene	**5**	2.5	U	2.5	U
p/m-Xylene	**5**	2.5	U	2.5	U
sec-Butylbenzene	**5**	2.5	U	2.5	U
Styrene	**5**	2.5	U	2.5	U
tert-Butylbenzene	**5**	2.5	U	2.5	U
Tetrachloroethene	**5**	0.5	U	0.5	U
Toluene	**5**	2.5	U	2.5	U
trans-1,2-Dichloroethene	**5**	2.5	U	2.5	U
trans-1,3-Dichloropropene	**0.4**	0.5	U	0.5	U
trans-1,4-Dichloro-2-butene	**5**	2.5	U	2.5	UJ
Trichloroethene	**5**	0.5	U	0.5	U
Trichlorofluoromethane	**5**	2.5	U	2.5	U
Vinyl acetate	**NA**	5	U	5	U
Vinyl chloride	**2**	1	U	1	U
Total VOCs		Not Detected		Not Detected	

Notes:
Sampling conducted June 20, 2013.
U - Compound was not detected relative to the indicated limit.
J - Estimated value.
R - Result rejected based on validation, see DUSR.
Result exceeds the NY-AWQS - NYSDEC Part 703 Groundwater Quality Standard/Guidance Value.

Table 2: Summary of Groundwater Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-3		MW-5		MW-6		MW-7 (1)	
		Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1,1,2-Tetrachloroethane	5	2.5	U	12	U	2.5	U	2.5	U
1,1,1-Trichloroethane	5	2.5	U	12	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	UJ	2.5	U	0.5	UJ	0.5	U
1,1,2-Trichloroethane	1	1.5	U	7.5	U	1.5	U	1.5	U
1,1-Dichloroethane	5	2.5	U	12	U	2.5	U	2.5	U
1,1-Dichloroethene	5	0.5	U	2.5	U	0.5	U	0.5	U
1,1-Dichloropropene	5	2.5	U	12	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene	5	2.5	UJ	12	U	2.5	UJ	2.5	U
1,2,3-Trichloropropane	0.04	2.5	UJ	12	U	2.5	UJ	2.5	U
1,2,4,5-Tetramethylbenzene	5	2	U	**6.3**	**J**	**3.1**		2	U
1,2,4-Trichlorobenzene	5	2.5	U	12	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	**260**		**49**		2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	12	U	2.5	U	2.5	U
1,2-Dibromoethane	0.0006	2	U	10	U	2	U	2	U
1,2-Dichlorobenzene	3	2.5	U	**11**	**J**	**3.2**		2.5	U
1,2-Dichloroethane	0.6	0.5	U	2.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	5	U	1	U	1	U
1,3,5-Trimethylbenzene	5	2.5	U	**88**		**11**		2.5	U
1,3-Dichlorobenzene	3	2.5	U	12	U	2.5	U	2.5	U
1,3-Dichloropropane	5	2.5	U	12	U	2.5	U	2.5	U
1,4-Dichlorobenzene	3	2.5	U	12	U	**0.97**	**J**	2.5	U
1,4-Diethylbenzene	NA	2	U	**28**		**3.9**		2	U
1,4-Dioxane	NA	250	R	1200	R	250	R	250	R
2,2-Dichloropropane	5	2.5	U	12	U	2.5	U	2.5	U
2-Butanone	50	5	R	25	R	5	R	5	R
2-Hexanone	50	5	UJ	25	U	5	UJ	5	U
4-Ethyltoluene	NA	2	U	**110**		**16**		2	U
4-Methyl-2-pentanone	NA	5	R	25	R	5	R	5	R
Acetone	50	5	R	5	R	5	R	5	R
Acrylonitrile	5	5	R	25	R	5	R	5	R
Benzene	1	0.5	U	2.5	U	0.5	U	0.5	U
Bromobenzene	5	2.5	U	12	U	2.5	U	2.5	U
Bromochloromethane	5	2.5	U	12	U	2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	2.5	U	0.5	U	0.5	U
Bromoform	50	2	U	10	U	2	U	2	U
Bromomethane	5	2.5	UJ	12	U	2.5	UJ	2.5	U
Carbon disulfide	60	5	U	25	U	5	U	5	U
Carbon tetrachloride	5	0.5	U	2.5	U	0.5	U	0.5	U
Chlorobenzene	5	2.5	U	12	U	2.5	U	2.5	U
Chloroethane	5	2.5	U	12	U	2.5	U	2.5	U
Chloroform	7	2.5	U	12	U	2.5	U	2.5	U
Chloromethane	NA	2.5	U	12	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	2.5	U	12	U	**0.88**	**J**	2.5	U
cis-1,3-Dichloropropene	0.4	0.5	U	2.5	U	0.5	U	0.5	U
Dibromochloromethane	50	0.5	U	2.5	U	0.5	U	0.5	U
Dibromomethane	5	5	U	25	U	5	U	5	U
Dichlorodifluoromethane	5	5	U	25	U	5	U	5	U
Ethyl ether	NA	2.5	U	12	U	2.5	U	2.5	U
Ethylbenzene	5	2.5	U	**6.5**	**J**	**1.2**	**J**	2.5	U
Hexachlorobutadiene	0.5	2.5	U	12	U	2.5	U	2.5	U
Isopropylbenzene	5	2.5	U	**7.8**	**J**	**2.4**	**J**	2.5	U
Methyl tert butyl ether	10	2.5	U	12	U	2.5	U	2.5	U
Methylene chloride	5	2.5	U	12	U	2.5	U	2.5	U
n-Butylbenzene	5	2.5	U	12	U	**1.3**	**J**	2.5	U
n-Propylbenzene	5	2.5	U	**19**		**5.7**		2.5	U
Naphthalene	10	**0.76**	**J**	**37**		**12**	**J**	2.5	U
o-Chlorotoluene	5	2.5	U	12	U	2.5	U	2.5	U
o-Xylene	5	2.5	U	**27**		**4.3**		2.5	U
p-Chlorotoluene	5	2.5	U	12	U	2.5	U	2.5	U
p-Isopropyltoluene	5	2.5	U	**7.2**	**J**	**1.3**	**J**	2.5	U

Table 2: Summary of Groundwater Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-3		MW-5		MW-6		MW-7 (1)	
p/m-Xylene	**5**	2.5	U	**34**		**2.5**		2.5	U
sec-Butylbenzene	**5**	2.5	U	**7.7**	**J**	**2.9**		2.5	U
Styrene	**5**	2.5	U	12	U	2.5	U	2.5	U
tert-Butylbenzene	**5**	2.5	U	12	U	**0.92**	**J**	2.5	U
Tetrachloroethene	**5**	0.5	U	2.5	U	**0.24**	**J**	0.5	U
Toluene	**5**	2.5	U	12	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	**5**	2.5	U	12	U	2.5	U	2.5	U
trans-1,3-Dichloropropene	**0.4**	0.5	U	2.5	U	0.5	U	0.5	U
trans-1,4-Dichloro-2-butene	**5**	2.5	UJ	12	U	2.5	UJ	2.5	U
Trichloroethene	**5**	0.5	U	**0.98**	**J**	**1**		0.5	U
Trichlorofluoromethane	**5**	2.5	U	12	U	2.5	U	2.5	U
Vinyl acetate	**NA**	5	U	25	U	5	U	5	U
Vinyl chloride	**2**	1	U	5	U	1	U	1	U
Total VOCs		Not Detected		**589.48**		**123.81**		Not Detected	

Notes:
Sampling conducted June 20, 2013
(1) - Duplicate of sample MW-3.
U - Compound was not detected relative to the indicated limit.
J - Estimated value.
R - Result rejected based on validation, see DUSR.
Result exceeds the NY-AWQS - NYSDEC Part 703 Groundwater Quality Standard/Guidance Value.

Table 3: Summary of Groundwater Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-4	
Volatile Organics (ug/l)		Result	Qual
1,1,1,2-Tetrachloroethane	**5**	2.5	U
1,1,1-Trichloroethane	**5**	2.5	U
1,1,2,2-Tetrachloroethane	**5**	0.5	UJ
1,1,2-Trichloroethane	**1**	1.5	U
1,1-Dichloroethane	**5**	2.5	U
1,1-Dichloroethene	**5**	0.5	U
1,1-Dichloropropene	**5**	2.5	U
1,2,3-Trichlorobenzene	**5**	2.5	UJ
1,2,3-Trichloropropane	**0.04**	2.5	UJ
1,2,4,5-Tetramethylbenzene	**5**	2	U
1,2,4-Trichlorobenzene	**5**	2.5	U
1,2,4-Trimethylbenzene	**5**	2.5	U
1,2-Dibromo-3-chloropropane	**0.04**	2.5	U
1,2-Dibromoethane	**0.0006**	2	U
1,2-Dichlorobenzene	**3**	2.5	U
1,2-Dichloroethane	**0.6**	0.5	U
1,2-Dichloropropane	**1**	1	U
1,3,5-Trimethylbenzene	**5**	2.5	U
1,3-Dichlorobenzene	**3**	2.5	U
1,3-Dichloropropane	**5**	2.5	U
1,4-Dichlorobenzene	**3**	2.5	U
1,4-Diethylbenzene	**NA**	2	U
1,4-Dioxane	**NA**	250	R
2,2-Dichloropropane	**5**	2.5	U
2-Butanone	**50**	5	R
2-Hexanone	**50**	5	UJ
4-Ethyltoluene	**NA**	2	U
4-Methyl-2-pentanone	**NA**	5	R
Acetone	**50**	5	R
Acrylonitrile	**5**	5	R
Benzene	**1**	0.5	U
Bromobenzene	**5**	2.5	U
Bromochloromethane	**5**	2.5	U
Bromodichloromethane	**50**	0.5	U
Bromoform	**50**	2	U
Bromomethane	**5**	2.5	UJ
Carbon disulfide	**60**	5	U
Carbon tetrachloride	**5**	0.5	U
Chlorobenzene	**5**	2.5	U
Chloroethane	**5**	2.5	U
Chloroform	**7**	2.5	U
Chloromethane	**NA**	2.5	U
cis-1,2-Dichloroethene	**5**	2.5	U
cis-1,3-Dichloropropene	**0.4**	0.5	U
Dibromochloromethane	**50**	0.5	U
Dibromomethane	**5**	5	U
Dichlorodifluoromethane	**5**	5	U
Ethyl ether	**NA**	2.5	U
Ethylbenzene	**5**	2.5	U
Hexachlorobutadiene	**0.5**	2.5	U
Isopropylbenzene	**5**	2.5	U
Methyl tert butyl ether	**10**	2.5	U
Methylene chloride	**5**	2.5	U
n-Butylbenzene	**5**	2.5	U

Table 3: Summary of Groundwater Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-4	
n-Propylbenzene	**5**	2.5	U
Naphthalene	**10**	2.5	UJ
o-Chlorotoluene	**5**	2.5	U
o-Xylene	**5**	2.5	U
p-Chlorotoluene	**5**	2.5	U
p-Isopropyltoluene	**5**	2.5	U
p/m-Xylene	**5**	2.5	U
sec-Butylbenzene	**5**	2.5	U
Styrene	**5**	2.5	U
tert-Butylbenzene	**5**	2.5	U
Tetrachloroethene	**5**	0.5	U
Toluene	**5**	2.5	U
trans-1,2-Dichloroethene	**5**	2.5	U
trans-1,3-Dichloropropene	**0.4**	0.5	U
trans-1,4-Dichloro-2-butene	**5**	2.5	UJ
Trichloroethene	**5**	0.5	U
Trichlorofluoromethane	**5**	2.5	U
Vinyl acetate	**NA**	5	U
Vinyl chloride	**2**	1	U
Total VOCs		Not Detected	

Notes:
Sampling conducted June 20, 2013.
U - Compound was not detected relative to the indicated limit.
J - Estimated value.
R - Result rejected based on validation, see DUSR.
Result exceeds the NY-AWQS - NYSDEC Part 703 Groundwater Quality Standard/Guidance Value.

Table 4: Summary of Groundwater Elevation Measurements

Former CAMCO Site
Ronkonkoma, New York

WELL NO.	MW-1			MW-2			MW-4			MW-3			MW-5			MW-6		
LOCATION	Off-Site						Parcel B			Parcel A								
CASING/SCREEN DIAMETER (in.)	2			2			2			2			2			2		
TOTAL WELL DEPTH (ft.)	65			65			67			65			67			65		
SCREEN INTERVAL (ft.)	(1)			(1)			57 - 67			(1)			57 - 67			55 - 65		
MP ELEVATION (ft./msl.)	95.60			96.93			96.13			94.47			95.51			95.58		
SAMPLING DATE	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**
01/13/12	52.30	0.00	**43.30**	53.95	0.00	**42.98**	52.67	0.00	**43.46**	51.40	0.00	**43.07**	52.79	0.00	**42.72**	53.47	0.00	**42.11**
02/16/12	NM	0.00	-	NM	0.00	-	53.81	0.00	**42.32**	NM	0.00	-	53.02	0.00	**42.49**	53.12	0.00	**42.46**
08/30/12	NM	0.00	-	54.63	0.00	**42.30**	54.15	0.00	**41.98**	NM	0.00	-	53.33	0.00	**42.18**	53.44	0.00	**42.14**
09/04/12	NM	0.00	-	NM	0.00	-	NM	0.00	-	52.13	0.00	**42.34**	NM	0.00	-	NM	0.00	-
09/14/12	53.03	0.00	**42.57**	54.60	0.00	**42.33**	54.12	0.00	**42.01**	52.05	0.00	**42.42**	53.28	0.00	**42.23**	53.46	0.00	**42.12**
06/20/13	52.42	0.00	**43.18**	54.03	0.00	**42.90**	53.57	0.00	**42.56**	51.47	0.00	**43.00**	52.74	0.00	**42.77**	55.86	0.00	**39.72**

Notes:
(1) - Screen interval is unknown.
MP - Top of casing measuring point.
DTW - Depth to water below measuring point (ft.).
FP - Free product thickness (ft.).
ELEV - Groundwater elevation (ft./msl).
NM - Not Measured

Table 5: Summary of Groundwater Sampling Field Parameters

Former CAMCO Site
Ronkonkoma, New York

WELL NO.		MW-1		MW-2		MW-4		
LOCATION		Off-Site				Parcel B		
SAMPLING DATE		8/30/2012	6/20/2013	8/30/2012	6/20/2013	1/13/2012	8/30/2012	6/20/2013
FIELD PARAMETER	UNITS	RESULTS (1)						
Specific Conductance	uS/cm	0.859	0.249	0.905	0.135	NM	1.012	0.251
pH	standard units	5.79	6.26	6.26	6.1	9.51	6.00	6.09
Eh (ORP)	mV	134.1	104	124.2	123.7	-152.7	85.7	111.9
Temperature	^{o}C	18.4	16.69	16.65	15.97	12.25	21.64	18.00
Dissolved Oxygen	mg/l	NM	9.87	NM	8.61	0.99	4.47	5.85

WELL NO.		MW-3		MW-5			MW-6		
LOCATION		Parcel A							
SAMPLING DATE		9/4/2012	6/20/2013	1/13/2012	8/30/2012	6/20/2013	1/13/2012	8/30/2012	6/20/2013
FIELD PARAMETER	UNITS	RESULTS (1)							
Specific Conductance	uS/cm	1.043	0.161	0.348	0.229	0.197	0.406	1.029	0.329
pH	standard units	6.54	6.38	8.60	6.74	6.23	9.09	6.10	6.82
Eh (ORP)	mV	285.1	87.3	-197.7	52.5	46.2	-241.5	51.4	-46.8
Temperature	^{o}C	22.43	17.98	12.12	15.00	18.87	12.56	17.28	17.17
Dissolved Oxygen	mg/l	1.26	7.34	2.93	4.73	4.95	0.98	3.99	8.76

Notes:
(1) - Measurements represent final set taken prior to sample collection.
(2) - NM=Not Measured due to the turbidity meter not functioning correctly
NM - not measured, meter not working.

Table 6: Groundwater Sampling Results Exceeding Comparison Criteria

Former CAMCO Site
Ronkonkoma, New York

		Off-Site				Parcel B		
LOCATION		**MW-1**		**MW-2**		**MW-4**		
SAMPLING DATE	**NY-AWQS**	**(2)**	**(3)**	**(2)**	**(3)**	**(1)**	**(2)**	**(3)**
Volatile Organics (ug/l)								
1,2,4-Trimethylbenzene	**5**	2.5 U	2.5 U	2.5 U	2.5 U	**560**	2.5 U	2.5 U
1,2-Dichlorobenzene	**3**	2.5 U	2.5 U	2.5 U	2.5 U	50 U	2.5 U	2.5 U
1,3,5-Trimethylbenzene	**5**	2.5 U	2.5 U	2.5 U	2.5 U	**190**	2.5 U	2.5 U
1,4-Dichlorobenzene	**3**	2.5 U	2.5 U	2.5 U	2.5 U	50 U	2.5 U	2.5 U
Ethylbenzene	**5**	2.5 U	2.5 U	2.5 U	2.5 U	**15**	2.5 U	2.5 U
Isopropylbenzene	**5**	2.5 U	2.5 U	2.5 U	2.5 U	**14**	2.5 U	2.5 U
n-Butylbenzene	**5**	2.5 U	2.5 U	2.5 U	2.5 U	10 U	2.5 U	2.5 U
n-Propylbenzene	**5**	2.5 U	2.5 U	2.5 U	2.5 U	**32**	2.5 U	2.5 U
Naphthalene	**10**	2.5 U	2.5 U	2.5 U	2.5 UJ	**56**	2.5 U	2.5 UJ
o-Xylene	**5**	2.5 U	2.5 U	2.5 U	2.5 U	**60**	2.5 U	2.5 U
p-Isopropyltoluene	**5**	2.5 U	2.5 U	2.5 U	2.5 U	**40**	2.5 U	2.5 U
p/m-Xylene	**5**	2.5 U	2.5 U	2.5 U	2.5 U	**83**	2.5 U	2.5 U
sec-Butylbenzene	**5**	2.5 U	2.5 U	2.5 U	2.5 U	**12**	2.5 U	2.5 U

		Parcel A							
LOCATION		**MW-3**		**MW-5**			**MW-6**		
SAMPLING DATE	**NY-AWQS**	**(2)**	**(3)**	**(1)**	**(2)**	**(3)**	**(1)**	**(2)**	**(3)**
Volatile Organics (ug/l)									
1,2,4-Trimethylbenzene	**5**	2.5 U	2.5 U	**120**	**320**	**260**	2.5 U	**56**	**49**
1,2-Dichlorobenzene	**3**	2.5 U	2.5 U	6.2 U	**14**	**11 J**	2.5 U	**5.3**	**3.2**
1,3,5-Trimethylbenzene	**5**	2.5 U	2.5 U	**49**	**120**	**88**	2.5 U	**22**	**11**
1,4-Dichlorobenzene	**3**	2.5 U	2.5 U	6.2 U	**3.4 J**	12 U	2.5 U	**1.8 J**	**0.97 J**
Ethylbenzene	**5**	2.5 U	2.5 U	**1.9**	**7.5**	**6.5 J**	0.5 U	**1.1 J**	**1.2 J**
Isopropylbenzene	**5**	2.5 U	2.5 U	**3.8**	**11**	**7.8 J**	0.5 U	**8.5**	**2.4 J**
n-Butylbenzene	**5**	2.5 U	2.5 U	**7.3**	**3.9 J**	12 U	0.5 U	**3**	**1.3 J**
n-Propylbenzene	**5**	2.5 U	2.5 U	**13**	**33**	**19**	0.5 U	**12**	**5.7**
Naphthalene	**10**	2.5 U	**0.76 J**	**7.1**	**51**	**37**	2.5 U	**30**	**12 J**
o-Xylene	**5**	2.5 U	2.5 U	**8**	**30**	**27**	1 U	**4**	**4.3**
p-Isopropyltoluene	**5**	2.5 U	2.5 U	**15**	**8.6**	**7.2 J**	0.5 U	**12**	**1.3 J**
p/m-Xylene	**5**	2.5 U	2.5 U	**4.9**	**43**	**34**	1 U	**2.9**	**2.5**
sec-Butylbenzene	**5**	2.5 U	2.5 U	**7.4**	**7.4**	**7.7 J**	0.5 U	**10**	**2.9**

Notes:
(1) - Sampling Conducted Jan/Feb 2012..
(2) - Sampling Conducted Aug/Sept 2012.
(3) - Sampling Conducted June 2013.
U - Compound was not detected relative to the indicated limit.
J - Estimated value.
Result exceeds the NY-AWQS - NYSDEC Part 703 Groundwater Quality Standard/Guidance Value.

Table 7: Summary of Soil Vapor Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

		SG-1		SG-11 (1)		SG-2		SG-5	
		20-Jun-13		20-Jun-13		20-Jun-13		20-Jun-13	
COMPOUND NAME	CASNUM	REPLMT	RESULT	REPLMT	RESULT	REPLMT	RESULT	REPLMT	RESULT
Freon 12	75-71-8	0.84	**1.9**	0.91	**2**	0.85	**1.8**	0.83	**1.9**
Freon 114	76-14-2	1.2	ND	1.3	ND	1.2	ND	1.2	ND
Chloromethane	74-87-3	0.35	**1.3**	0.38	**1.3**	0.36	**1.4**	0.35	**3.1**
Vinyl Chloride	75-01-4	0.43	ND	0.47	ND	0.44	ND	0.43	ND
1,3-Butadiene	106-99-0	0.37	ND	0.41	ND	0.38	ND	0.37	ND
Bromomethane	74-83-9	3.3	ND	3.6	ND	3.3	ND	3.3	ND
Chloroethane	75-00-3	2.2	ND	2.4	ND	2.3	ND	2.2	ND
Freon 11	75-69-4	0.95	ND	1.0	ND	0.97	ND	0.94	**4.5**
Ethanol	64-17-5	1.6	**20**	1.7	**21**	1.6	**24**	1.6	**40**
Freon 113	76-13-1	1.3	ND	1.4	ND	1.3	ND	1.3	ND
1,1-Dichloroethene	75-35-4	0.67	ND	0.73	ND	0.68	ND	0.67	ND
Acetone	67-64-1	2.0	**130**	2.2	**120**	2.0	**180J**	2.0	**420J**
2-Propanol	67-63-0	2.1	**2.7**	2.3	**2.7**	2.1	**2.4**	2.1	**9.5**
Carbon Disulfide	75-15-0	2.6	ND	2.9	ND	2.7	**3.2**	2.6	ND
3-Chloropropene	107-05-1	2.6	ND	2.9	ND	2.7	ND	2.6	ND
Methylene Chloride	75-09-2	1.2	ND	1.3	ND	1.2	ND	1.2	ND
Methyl tert-butyl ether	1634-04-4	0.61	ND	0.67	ND	0.62	ND	0.60	ND
trans-1,2-Dichloroethene	156-60-5	0.67	ND	0.73	ND	0.68	ND	0.67	ND
Hexane	110-54-3	0.60	**2.7**	0.65	**2.8**	0.61	**6**	0.59	**20**
1,1-Dichloroethane	75-34-3	0.68	ND	0.75	ND	0.70	ND	0.68	ND
2-Butanone (Methyl Ethyl Ketone)	78-93-3	2.5	**13**	2.7	**13**	2.5	**20**	2.5	**31**
cis-1,2-Dichloroethene	156-59-2	0.67	ND	0.73	ND	0.68	ND	0.67	**0.66**
Tetrahydrofuran	109-99-9	2.5	**3.3**	2.7	**3.2**	2.5	**5.8**	2.5	**8.6**
Chloroform	67-66-3	0.82	ND	0.90	ND	0.84	ND	0.82	ND
1,1,1-Trichloroethane	71-55-6	0.92	ND	1.0	ND	0.94	**2.9**	0.92	**15**
Cyclohexane	110-82-7	0.58	**0.74**	0.64	**0.73**	0.59	**1.6**	0.58	**3.3**
Carbon Tetrachloride	56-23-5	1.1	ND	1.2	ND	1.1	ND	1.0	ND
2,2,4-Trimethylpentane	540-84-1	3.9	**4.4**	4.3	**4.5**	4.0	**7.1**	3.9	**4.6**
Benzene	71-43-2	0.54	**2.2**	0.59	**2.2**	0.55	**4.9**	0.54	**8.1**
1,2-Dichloroethane	107-06-2	0.68	ND	0.75	ND	0.70	ND	0.68	ND
Heptane	142-82-5	0.69	**4.2**	0.76	**3.7**	0.70	**7.2**	0.69	**7.8**
1,2-Dichloropropane	78-87-5	0.78	ND	0.85	ND	0.79	ND	0.78	ND

Table 7: Summary of Soil Vapor Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

		SG-1		SG-11 (1)		SG-2		SG-5	
		20-Jun-13		20-Jun-13		20-Jun-13		20-Jun-13	
COMPOUND NAME	**CASNUM**	**REPLMT**	**RESULT**	**REPLMT**	**RESULT**	**REPLMT**	**RESULT**	**REPLMT**	**RESULT**
1,4-Dioxane	**123-91-1**	0.61	ND	0.67	ND	0.62	ND	0.60	ND
Bromodichloromethane	**75-27-4**	1.1	ND	1.2	ND	1.2	ND	1.1	ND
cis-1,3-Dichloropropene	**10061-01-5**	0.77	ND	0.84	ND	0.78	ND	0.76	ND
4-Methyl-2-pentanone	**108-10-1**	0.69	**0.77**	0.76	ND	0.70	**0.86**	0.69	**1.4**
Toluene	**108-88-3**	0.64	**23**	0.70	**22**	0.65	**38**	0.63	**73**
trans-1,3-Dichloropropene	**10061-02-6**	0.77	ND	0.84	ND	0.78	ND	0.76	ND
1,1,2-Trichloroethane	**79-00-5**	0.92	ND	1.0	ND	0.94	ND	0.92	ND
Tetrachloroethene	**127-18-4**	1.1	**20**	1.2	**20**	1.2	**3.2**	1.1	**5.6**
2-Hexanone	**591-78-6**	3.5	ND	3.8	ND	3.5	ND	3.4	ND
Dibromochloromethane	**124-48-1**	1.4	ND	1.6	ND	1.5	ND	1.4	ND
1,2-Dibromoethane (EDB)	**106-93-4**	1.3	ND	1.4	ND	1.3	ND	1.3	ND
Chlorobenzene	**108-90-7**	0.78	ND	0.85	ND	0.79	ND	0.77	ND
Ethyl Benzene	**100-41-4**	0.73	**9.1**	0.80	**8.8**	0.75	**14**	0.73	**13**
m,p-Xylene	**108-38-3/106-42-3**	0.73	**37**	0.80	**36**	0.75	**53**	0.73	**51**
o-Xylene	**95-47-6**	0.73	**15**	0.80	**15**	0.75	**21**	0.73	**20**
Styrene	**100-42-5**	0.72	**1.1**	0.79	**1.1**	0.73	**1.4**	0.72	**1.7**
Bromoform	**75-25-2**	1.7	ND	1.9	ND	1.8	ND	1.7	ND
Cumene	**98-82-8**	0.83	**1.2**	0.91	**1.2**	0.84	**1.7**	0.82	**1.6**
1,1,2,2-Tetrachloroethane	**79-34-5**	1.2	ND	1.3	ND	1.2	ND	1.2	ND
Propylbenzene	**103-65-1**	0.83	**4.3**	0.91	**4.2**	0.84	**5.2**	0.82	**4.6**
4-Ethyltoluene	**622-96-8**	0.83	**23**	0.91	**23**	0.84	**26**	0.82	**22**
1,3,5-Trimethylbenzene	**108-67-8**	0.83	**8**	0.91	**7.8**	0.84	**8.7**	0.82	**6.2**
1,2,4-Trimethylbenzene	**95-63-6**	0.83	**28**	0.91	**27**	0.84	**29**	0.82	**16**
1,3-Dichlorobenzene	**541-73-1**	1.0	ND	1.1	ND	1.0	ND	1.0	ND
1,4-Dichlorobenzene	**106-46-7**	1.0	**45**	1.1	**42**	1.0	**30**	1.0	**25**
alpha-Chlorotoluene	**100-44-7**	0.87	ND	0.96	ND	0.89	ND	0.87	ND
1,2-Dichlorobenzene	**95-50-1**	1.0	ND	1.1	ND	1.0	ND	1.0	ND
1,2,4-Trichlorobenzene	**120-82-1**	6.3	ND	6.9	ND	6.4	ND	6.2	ND
Hexachlorobutadiene	**87-68-3**	9.0	ND	9.9	ND	9.2	ND	9.0	ND
Trichloroethene	**79-01-6**	0.18	**32**	0.20	**32**	0.18	**6.6**	0.18	**100**
Total VOCs			**434**		**417**		**327**		**499**

Table 7: Summary of Soil Vapor Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

		SG-7R		SG-8		SG-9	
		17-Jul-13		20-Jun-13		20-Jun-13	
COMPOUND NAME	CASNUM	REPLMT	RESULT	REPLMT	RESULT	REPLMT	RESULT
Freon 12	75-71-8	350	ND	0.88	**1.9**	0.84	**2**
Freon 114	76-14-2	500	ND	1.2	ND	1.2	ND
Chloromethane	74-87-3	1,500	ND	0.37	**2.6**	0.35	**2.9**
Vinyl Chloride	75-01-4	180	ND	0.46	ND	0.43	ND
1,3-Butadiene	106-99-0	160	ND	0.39	ND	0.37	ND
Bromomethane	74-83-9	2,800	ND	3.4	ND	3.3	ND
Chloroethane	75-00-3	750	ND	2.3	ND	2.2	ND
Freon 11	75-69-4	400	ND	1.0	**1.2**	0.95	**3.1**
Ethanol	64-17-5	540	ND	1.7	**42**	1.6	**16**
Freon 113	76-13-1	540	ND	1.4	**2.7J**	1.3	**3.7J**
1,1-Dichloroethene	75-35-4	280	ND	0.70	ND	0.67	ND
Acetone	67-64-1	1,700	ND	2.1	**320J**	2.0	**84**
2-Propanol	67-63-0	700	ND	2.2	**3.4**	2.1	**3.4**
Carbon Disulfide	75-15-0	880	ND	2.8	**9.7**	2.6	**38**
3-Chloropropene	107-05-1	890	ND	2.8	ND	2.6	ND
Methylene Chloride	75-09-2	2,500	ND	1.2	ND	1.2	ND
Methyl tert-butyl ether	1634-04-4	260	UJ	0.64	ND	0.61	ND
trans-1,2-Dichloroethene	156-60-5	280	ND	0.70	ND	0.67	**0.82**
Hexane	110-54-3	250	ND	0.63	**6.4**	0.60	**10**
1,1-Dichloroethane	75-34-3	290	ND	0.72	ND	0.68	ND
2-Butanone (Methyl Ethyl Ketone)	78-93-3	840	ND	2.6	**27**	2.5	**11**
cis-1,2-Dichloroethene	156-59-2	280	**29,000**	0.70	ND	0.67	**0.76**
Tetrahydrofuran	109-99-9	210	ND	2.6	**6**	2.5	**5.9**
Chloroform	67-66-3	350	ND	0.87	**ND**	0.82	**1.4**
1,1,1-Trichloroethane	71-55-6	390	ND	0.97	**6.5**	0.92	**100**
Cyclohexane	110-82-7	240	**930**	0.61	**1.7**	0.58	**3.5**
Carbon Tetrachloride	56-23-5	450	ND	1.1	ND	1.1	ND
2,2,4-Trimethylpentane	540-84-1	330	**3,100**	4.2	**5.2**	3.9	ND
Benzene	71-43-2	230	ND	0.57	**7.8**	0.54	**3.4**
1,2-Dichloroethane	107-06-2	290	ND	0.72	ND	0.68	ND
Heptane	142-82-5	290	**320**	0.73	**7.2**	0.69	**6.5**
1,2-Dichloropropane	78-87-5	330	ND	0.82	ND	0.78	ND

Table 7: Summary of Soil Vapor Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

		SG-7R		SG-8		SG-9	
		17-Jul-13		20-Jun-13		20-Jun-13	
COMPOUND NAME	CASNUM	REPLMT	RESULT	REPLMT	RESULT	REPLMT	RESULT
1,4-Dioxane	123-91-1	1,000	ND	0.64	ND	0.61	ND
Bromodichloromethane	75-27-4	480	ND	1.2	ND	1.1	ND
cis-1,3-Dichloropropene	10061-01-5	320	ND	0.81	ND	0.77	ND
4-Methyl-2-pentanone	108-10-1	290	ND	0.73	ND	0.69	**1.1**
Toluene	108-88-3	270	**9,100**	0.67	**39**	0.64	**48**
trans-1,3-Dichloropropene	10061-02-6	320	ND	0.81	ND	0.77	ND
1,1,2-Trichloroethane	79-00-5	390	ND	0.97	ND	0.92	ND
Tetrachloroethene	127-18-4	480	**4,500**	1.2	ND	1.1	**210**
2-Hexanone	591-78-6	1,200	ND	3.6	ND	3.5	ND
Dibromochloromethane	124-48-1	600	ND	1.5	ND	1.4	ND
1,2-Dibromoethane (EDB)	106-93-4	540	ND	1.4	ND	1.3	ND
Chlorobenzene	108-90-7	330	**440**	0.82	ND	0.78	ND
Ethyl Benzene	100-41-4	310	**850**	0.77	**15**	0.73	**13**
m,p-Xylene	108-38-3/106-42-3	310	**2,300**	0.77	**58**	0.73	**51**
o-Xylene	95-47-6	310	**920**	0.77	**24**	0.73	**21**
Styrene	100-42-5	300	ND	0.76	**1.5**	0.72	**1.8**
Bromoform	75-25-2	730	ND	1.8	**ND**	1.7	ND
Cumene	98-82-8	350	ND	0.88	**1.9**	0.83	**1.7**
1,1,2,2-Tetrachloroethane	79-34-5	490	ND	1.2	ND	1.2	ND
Propylbenzene	103-65-1	350	ND	0.88	**5.9**	0.83	**5.5**
4-Ethyltoluene	622-96-8	350	ND	0.88	**29**	0.83	**29**
1,3,5-Trimethylbenzene	108-67-8	350	ND	0.88	**9.6**	0.83	**9.7**
1,2,4-Trimethylbenzene	95-63-6	350	ND	0.88	**33**	0.83	**33**
1,3-Dichlorobenzene	541-73-1	430	ND	1.1	ND	1.0	ND
1,4-Dichlorobenzene	106-46-7	430	**2,400**	1.1	**35**	1.0	**39**
alpha-Chlorotoluene	100-44-7	370	ND	0.92	ND	0.87	ND
1,2-Dichlorobenzene	95-50-1	430	**7,200**	1.1	ND	1.0	ND
1,2,4-Trichlorobenzene	120-82-1	2,100	ND	6.6	ND	6.3	ND
Hexachlorobutadiene	87-68-3	3,000	ND	9.5	ND	9.0	ND
Trichloroethene	79-01-6	380	**80,000**	0.19	**19**	0.18	**81**
Total VOCs			**141,060**		**400**		**837**

Notes:
REPLMT - reporting limit.
Reporting limit and results provided in ug/m^3.
ND - compound was not detected relative to the indicated reporting limit.
(1) - Duplicate of sample SG-1.

Table 8: Comparison of 2008, 2012 and 2013 Soil Vapor Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

	SG-1				SG-2				SG-5			
COMPOUND NAME	**03/18/08**	**02/09/12**	**08/30/12**	**06/20/13**	**03/18/08**	**02/09/12**	**08/30/12**	**06/20/13**	**09/15/08**	**02/09/12**	**08/30/12**	**06/20/13**
Trichloroethene	**940**	**730**	**1,300**	**32**	**1,600**	**25**	**75**	**6.6**	**240**	**150**	**310**	**100**
cis-1,2-Dichloroethene	ND	**9.3**	**67**	ND	ND	ND	ND	ND	**8.9**	ND	**1.7**	**0.66**
Tetrachloroethene	**290**	**150**	**280**	**20**	**51**	**8.3**	**12**	**3.2**	**210**	**7**	**12**	**5.6**
trans-1,2-Dichloroethene	ND	ND	**10**	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	**75**	**55**	**240**	ND	**17**	**33**	**260**	**2.9**	**120**	**69**	**160**	**15**
Chloroform	ND	ND	**9.3**	ND	ND	**1.7**	**3**	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	**27**	ND	**2.2**	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Listed VOCs (1)	1,305	944	1,906.3	52	1,668	68	350	13	606	226	486	121
Listed VOCs Remaining (2)	100%	72%	146%	4%	100%	4%	21%	1%	100%	37%	80%	20%
Total TO-15 VOCs	1,305	986	2,678.2	433.91	1,668	215.3	1,311.5	507	2,840.2	305	1,261.8	919
TO-15 VOCs Remaining	100%	76%	205%	33%	100%	13%	79%	30%	100%	11%	44%	32%

	SG-7			SG-7R	SG-8				SG-9		
COMPOUND NAME	**09/15/08**	**02/09/12**	**08/30/12**	**07/17/13**	**09/15/08**	**02/09/12**	**08/30/12**	**06/20/13**	**02/09/12**	**08/30/12**	**06/20/13**
Trichloroethene	**32,000**	**2,300**	**26,000**	**80,000**	**600**	**10**	**300**	**19**	**37**	**73**	**81**
cis-1,2-Dichloroethene	**4,600**	**590**	**3,800**	**29,000**	ND	ND	**3.1**	ND	**0.79**	**1.7**	**0.76**
Tetrachloroethene	**920**	**150**	**1,900**	**4,500**	**90**	**2.6**	**5**	ND	**54**	**120**	**210**
trans-1,2-Dichloroethene	**150**	ND	**110**	ND	ND	ND	ND	ND	ND	ND	**0.82**
1,1,1-Trichloroethane	ND	ND	**95**	ND	**130**	**20**	**370**	**6.5**	**48**	**150**	**100**
Chloroform	ND	ND	ND	ND	**4.5**	ND	**2.6**	ND	ND	**2.1**	**1.4**
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Listed VOCs (1)	37,670	3,040	31,905	113,500	825	33	681	26	140	347	394
Listed VOCs Remaining (2)	100%	8%	85%	301%	100%	4%	83%	3%	NA	NA	NA
Total TO-15 VOCs	37,670	3,321	32,356	141,060	919	127	1,238.6	722	230	1,496.5	841
TO-15 VOCs Remaining	100%	9%	86%	374%	100%	14%	135%	79%	NA	NA	NA

Notes:

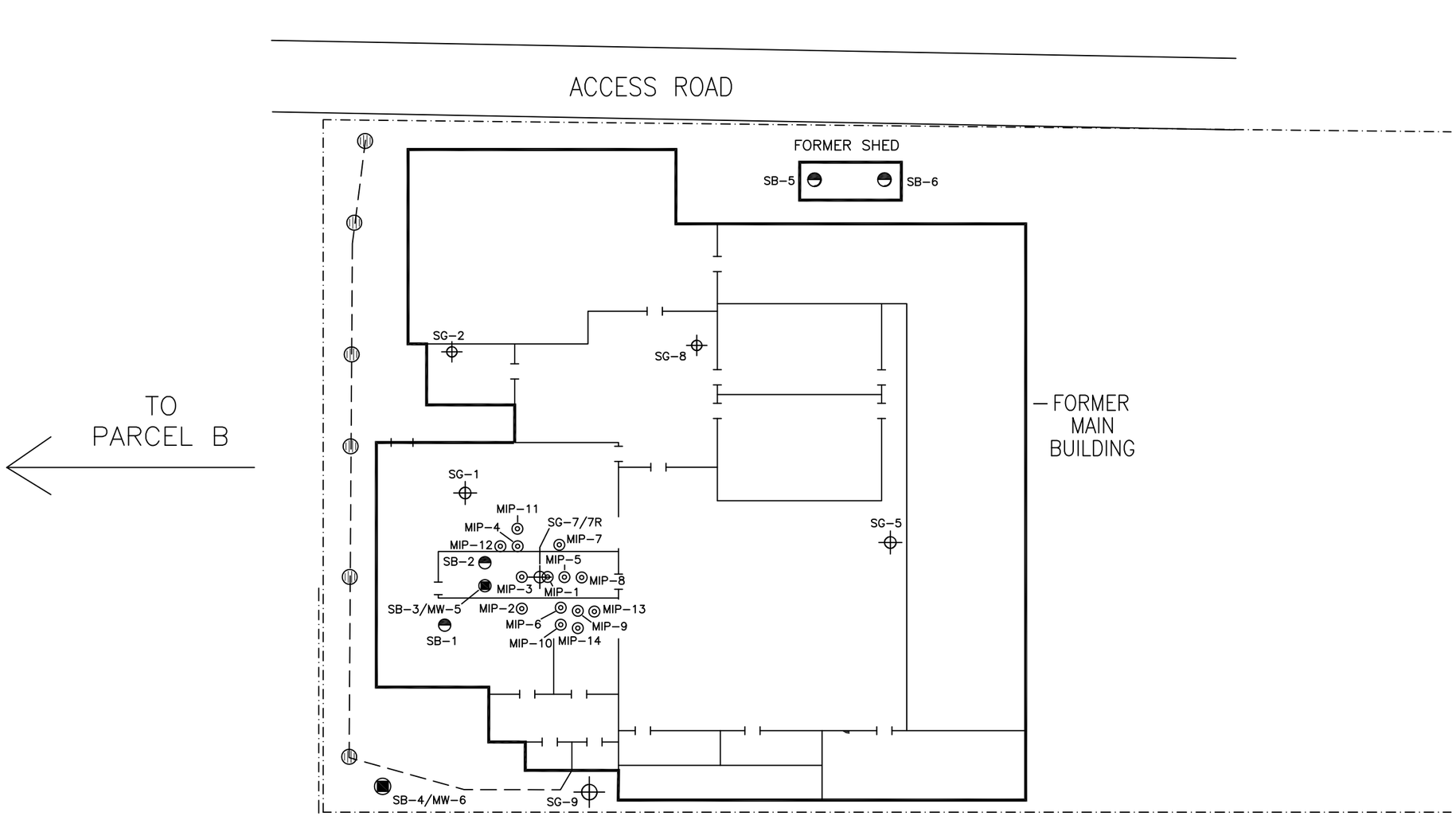
Results provided in ug/m^3.
ND - compound was not detected.
NA - not applicable.
SG-7R: Installed July 2, 2013 to replace destroyed sampling point SG-7.
(1) - Based on the provided compound list.
(2) - In percent relative to 2008 concentrations.

Attachment B-4

From Phase III Report - June 27, 2014

EnviroTrac
Environmental Services

Figures



LEGEND:

- MACARTHUR AIRPORT STORM WATER DRAINAGE SYSTEM
- PROPERTY LINE
- STORM DRAIN
- SOIL GAS SAMPLE (SG)
- SOIL BORING (SB)
- SOIL BORING/MONITORING WELL
- MIP/EC BORING LOCATION

NOTES:

SITE PLAN BASED ON A DRAWING PREPARED BY FENLEY & NICOL, INC.

BUILDING AND SHED WERE DEMOLISHED BY TOI IN OCTOBER 2011

0 60

APPROX. SCALE IN FEET

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

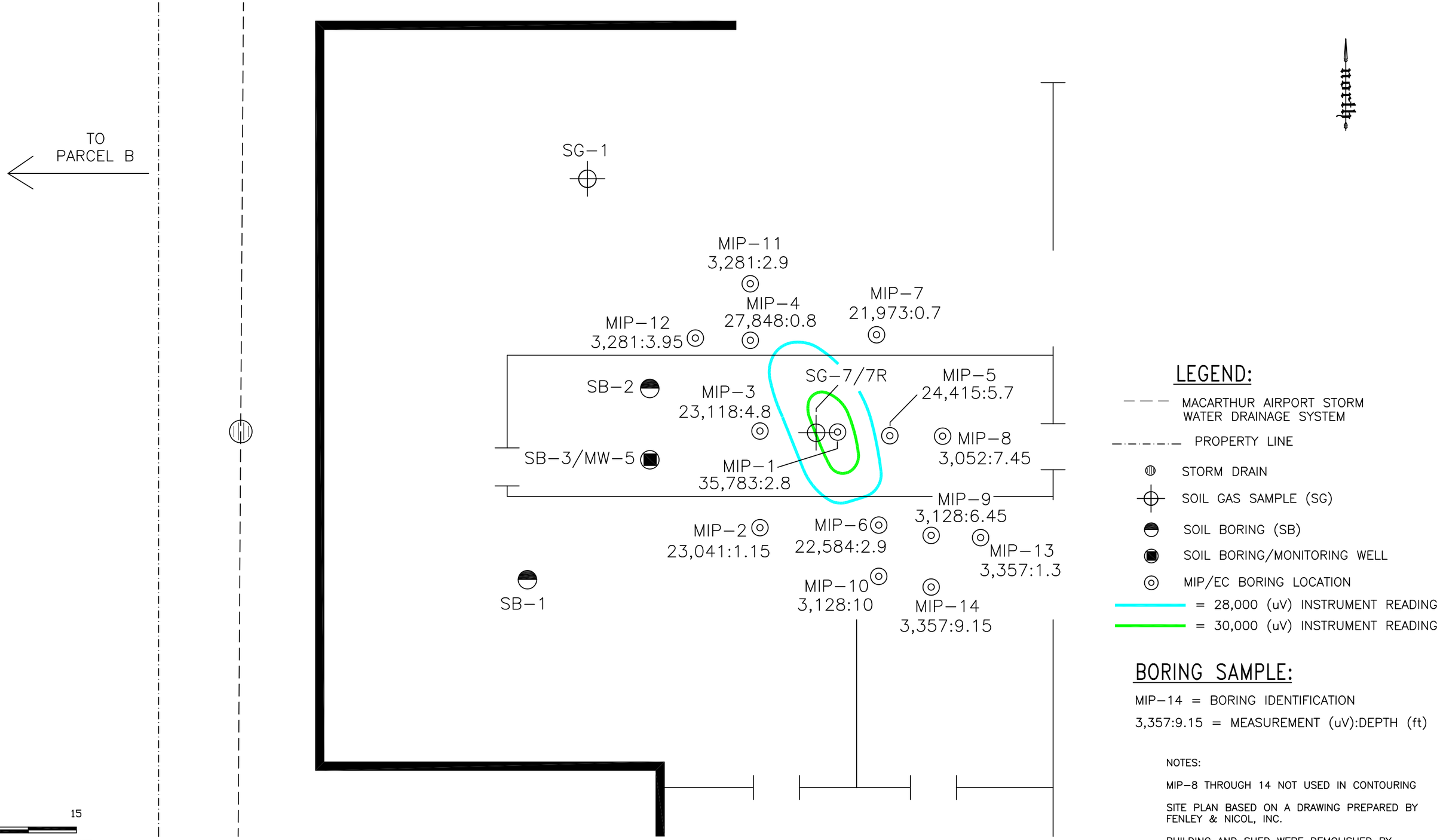
REVISION DATE:
JANUARY 27, 2014

REVISED BY:
T.B.

CAMCO
2125 SMITHTOWN AVENUE
RONKONKOMA, NEW YORK

INVESTIGATION LOCATIONS – PARCEL A

FIGURE #
2



LEGEND:

- MACARTHUR AIRPORT STORM WATER DRAINAGE SYSTEM
- PROPERTY LINE
- STORM DRAIN
- SOIL GAS SAMPLE (SG)
- SOIL BORING (SB)
- SOIL BORING/MONITORING WELL
- MIP/EC BORING LOCATION
- = 28,000 (uV) INSTRUMENT READING
- = 30,000 (uV) INSTRUMENT READING

BORING SAMPLE:

MIP-14 = BORING IDENTIFICATION

3,357:9.15 = MEASUREMENT (uV):DEPTH (ft)

NOTES:

MIP-8 THROUGH 14 NOT USED IN CONTOURING

SITE PLAN BASED ON A DRAWING PREPARED BY FENLEY & NICOL, INC.

BUILDING AND SHED WERE DEMOLISHED BY TOI IN OCTOBER 2011

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
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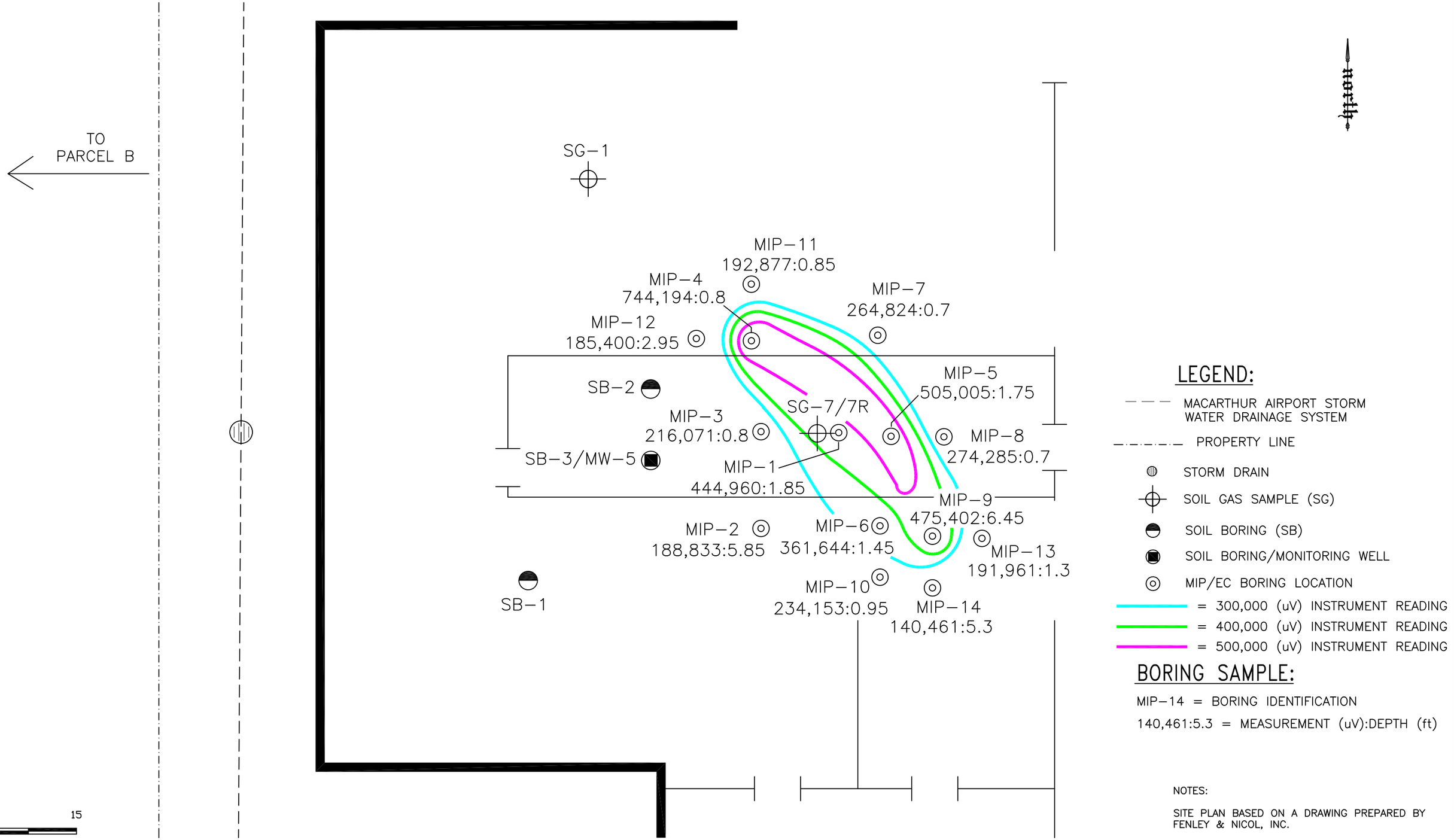
REVISION DATE:
FEBRUARY 21, 2014

REVISED BY:
T.B.

CAMCO
2125 SMITHTOWN AVENUE
RONKONKOMA, NEW YORK

PID TESTING RESULTS
MAXIMUM INSTRUMENT RESPONSE AND DEPTH

FIGURE #
3



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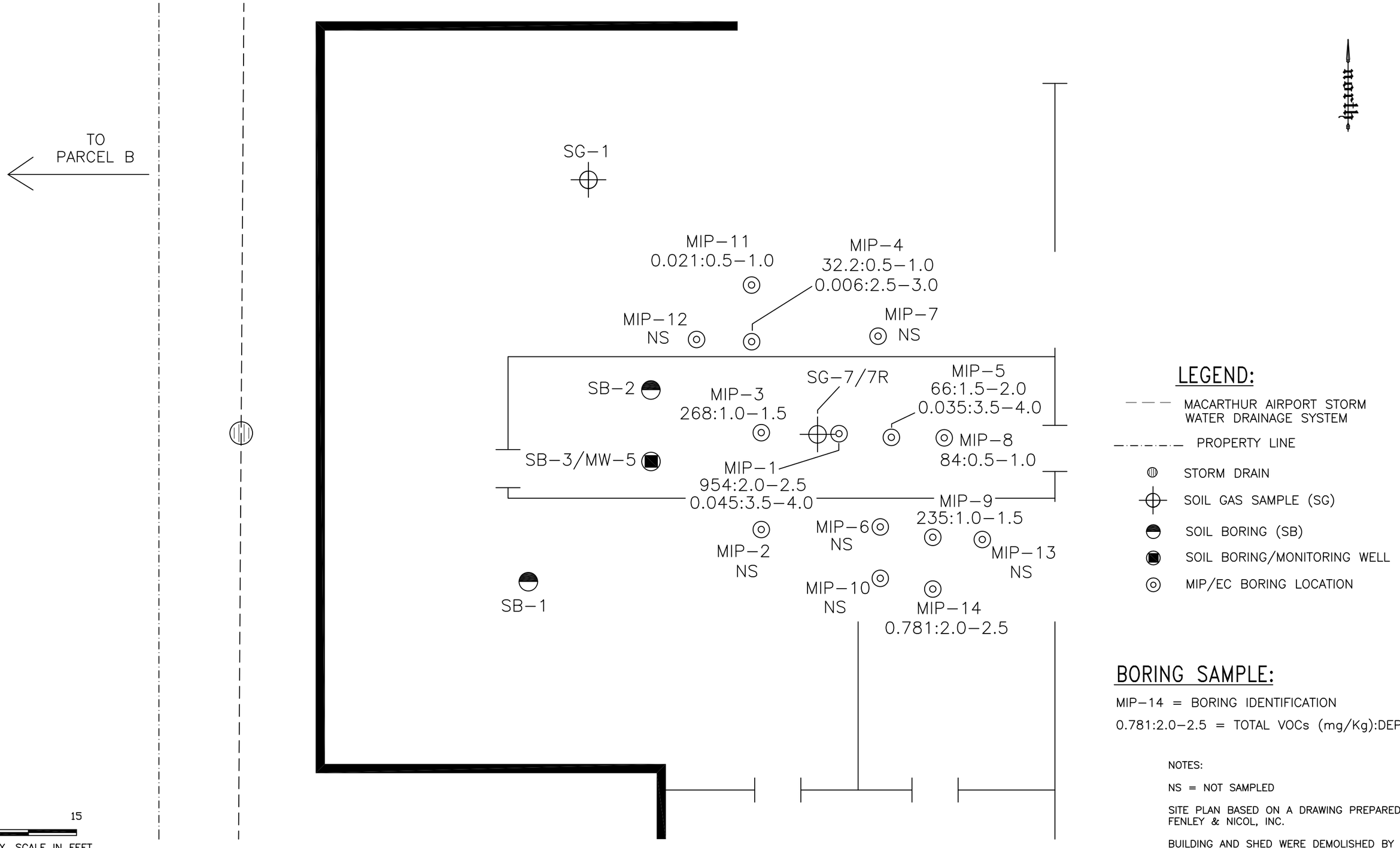
2125 SMITHTOWN AVENUE
RONKONKOMA, NEW YORK

ECD TESTING RESULTS
MAXIMUM INSTRUMENT RESPONSE AND DEPTH

FIGURE #
4



LEGEND:

- MACARTHUR AIRPORT STORM WATER DRAINAGE SYSTEM
- PROPERTY LINE
- STORM DRAIN
- SOIL GAS SAMPLE (SG)
- SOIL BORING (SB)
- SOIL BORING/MONITORING WELL
- MIP/EC BORING LOCATION

BORING SAMPLE:

MIP-14 = BORING IDENTIFICATION

0.781:2.0-2.5 = TOTAL VOCs (mg/Kg):DEPTH (ft)

NOTES:

NS = NOT SAMPLED

SITE PLAN BASED ON A DRAWING PREPARED BY FENLEY & NICOL, INC.

BUILDING AND SHED WERE DEMOLISHED BY TOI IN OCTOBER 2011

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JUNE 11, 2014

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CAMCO
2125 SMITHTOWN AVENUE
RONKONKOMA, NEW YORK

MIP/EC BORING LOCATIONS - SUPPLEMENTAL SOIL SAMPLING RESULTS

FIGURE #
5

Tables

Table 1: Summary of Soil Sampling Results - Former Drum Storage Area Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION		SB-1 @ 5'-10'		SB-2 @ 5'-10'		SB-3/ MW5 @ 25-30	
SAMPLING DATE	NY-UNRES	06-DEC-11		06-DEC-11		05-DEC-11	
Volatile Organics (mg/kg)							
1,1,1,2-Tetrachloroethane		0.0026	U	0.0026	U	0.0026	U
1,1,1-Trichloroethane	0.68	0.0026	U	0.0026	U	0.0026	U
1,1,2,2-Tetrachloroethane		0.0026	U	0.0026	U	0.0026	U
1,1,2-Trichloroethane		0.0039	U	0.0039	U	0.0039	U
1,1-Dichloroethane	0.27	0.0039	U	0.0039	U	0.0039	U
1,1-Dichloroethene	0.33	0.0026	U	0.0026	U	0.0026	U
1,1-Dichloropropene		0.013	U	0.013	U	0.013	U
1,2,3-Trichlorobenzene		0.013	U	0.013	U	0.013	U
1,2,3-Trichloropropane		0.026	U	0.026	U	0.026	U
1,2,4,5-Tetramethylbenzene		0.0023	J	0.01	U	0.0013	J
1,2,4-Trichlorobenzene		0.013	U	0.013	U	0.013	U
1,2,4-Trimethylbenzene	3.6	0.019		0.013	U	0.013	U
1,2-Dibromo-3-chloropropane		0.013	U	0.013	U	0.013	U
1,2-Dibromoethane		0.01	U	0.01	U	0.01	U
1,2-Dichlorobenzene	1.1	0.0054	J	0.013	U	0.013	U
1,2-Dichloroethane	0.02	0.0026	U	0.0026	U	0.0026	U
1,2-Dichloropropane		0.0092	U	0.0092	U	0.0092	U
1,3,5-Trimethylbenzene	8.4	0.008	J	0.013	U	0.013	U
1,3-Dichlorobenzene	2.4	0.013	U	0.013	U	0.013	U
1,3-Dichloropropane		0.013	U	0.013	U	0.013	U
1,4-Dichlorobenzene	1.8	0.013	U	0.013	U	0.013	U
1,4-Diethylbenzene		0.0097	J	0.01	U	0.004	J
2,2-Dichloropropane		0.013	U	0.013	U	0.013	U
2-Butanone	0.12	0.026	U	0.026	U	0.026	U
2-Hexanone		0.026	U	0.026	U	0.026	U
4-Ethyltoluene		0.0089	J	0.01	U	0.01	U
4-Methyl-2-pentanone		0.026	U	0.026	U	0.026	U
Acetone	0.05	0.026	U	0.026	U	0.026	U
Acrylonitrile		0.026	U	0.026	U	0.026	U
Benzene	0.06	0.0026	U	0.0026	U	0.0026	U
Bromobenzene		0.013	U	0.013	U	0.013	U
Bromochloromethane		0.013	U	0.013	U	0.013	U
Bromodichloromethane		0.0026	U	0.0026	U	0.0026	U
Bromoform		0.01	U	0.01	U	0.01	U
Bromomethane		0.0053	UJ	0.0053	UJ	0.0053	UJ
Carbon disulfide		0.026	U	0.026	U	0.026	U
Carbon tetrachloride	0.76	0.0026	U	0.0026	U	0.0026	U
Chlorobenzene	1.1	0.0026	U	0.0026	U	0.0026	U
Chloroethane		0.0053	U	0.0053	U	0.0053	U
Chloroform	0.37	0.0039	U	0.0039	U	0.0039	U
Chloromethane		0.013	U	0.013	U	0.013	U
cis-1,2-Dichloroethene	0.25	0.0026	U	0.0026	U	0.0034	
cis-1,3-Dichloropropene		0.0026	U	0.0026	U	0.0026	U
Dibromochloromethane		0.0026	U	0.0026	U	0.0026	U
Dibromomethane		0.026	U	0.026	U	0.026	U
Dichlorodifluoromethane		0.026	U	0.026	U	0.026	U
Ethyl ether		0.013	U	0.013	U	0.013	U
Ethylbenzene	1	0.0026	U	0.0026	U	0.0026	U
Hexachlorobutadiene		0.013	U	0.013	U	0.013	U
Isopropylbenzene		0.0026	U	0.0026	U	0.0026	U
Methyl tert butyl ether	0.93	0.0053	U	0.0053	U	0.0053	U
Methylene chloride	0.05	0.026	U	0.026	U	0.026	U
n-Butylbenzene	12	0.0026	U	0.0026	U	0.0026	U
n-Propylbenzene	3.9	0.0016	J	0.0026	U	0.0026	U
Naphthalene	12	0.0033	J	0.013	U	0.013	U

Table 1: Summary of Soil Sampling Results - Former Drum Storage Area Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION		SB-1 @ 5'-10'		SB-2 @ 5'-10'		SB-3/ MW5 @ 25-30	
SAMPLING DATE	NY-UNRES	06-DEC-11		06-DEC-11		05-DEC-11	
o-Chlorotoluene		0.013	U	0.013	U	0.013	U
o-Xylene		0.0053	U	0.0053	U	0.0053	U
p-Chlorotoluene		0.013	U	0.013	U	0.013	U
p-Isopropyltoluene		0.0016	J	0.0026	U	0.0026	U
p/m-Xylene		0.0053	U	0.0053	U	0.0053	U
sec-Butylbenzene	11	0.0026	U	0.0026	U	0.0026	U
Styrene		0.0053	U	0.0053	U	0.0053	U
tert-Butylbenzene	5.9	0.013	U	0.013	U	0.013	U
Tetrachloroethene	1.3	0.0026	U	0.0026	U	0.0026	U
Toluene	0.7	0.0039	U	0.0039	U	0.0039	U
trans-1,2-Dichloroethene	0.19	0.0039	U	0.0039	U	0.0039	U
trans-1,3-Dichloropropene		0.0026	U	0.0026	U	0.0026	U
trans-1,4-Dichloro-2-butene		0.013	U	0.013	U	0.013	U
Trichloroethene	0.47	0.0026	U	0.0026	U	0.0069	
Trichlorofluoromethane		0.013	U	0.013	U	0.013	U
Vinyl acetate		0.026	UJ	0.026	UJ	0.026	UJ
Vinyl chloride	0.02	0.0053	U	0.0053	U	0.0053	U

Notes:
U - Compound was not detected relative to the indicated reporting limit.
J - Estimated value.
NY-UNRES - 6NYCRR Part 375 -Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.

Table 2: Comparison of 2008, 2012 and 2013 Soil Vapor Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

	SG-1				SG-2				SG-5			
COMPOUND NAME	**03/18/08**	**02/09/12**	**08/30/12**	**06/20/13**	**03/18/08**	**02/09/12**	**08/30/12**	**06/20/13**	**09/15/08**	**02/09/12**	**08/30/12**	**06/20/13**
Trichloroethene	**940**	**730**	**1,300**	**32**	**1,600**	**25**	**75**	**6.6**	**240**	**150**	**310**	**100**
cis-1,2-Dichloroethene	ND	**9.3**	**67**	ND	ND	ND	ND	ND	**8.9**	ND	**1.7**	**0.66**
Tetrachloroethene	**290**	**150**	**280**	**20**	**51**	**8.3**	**12**	**3.2**	**210**	**7**	**12**	**5.6**
trans-1,2-Dichloroethene	ND	ND	**10**	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	**75**	**55**	**240**	ND	**17**	**33**	**260**	**2.9**	**120**	**69**	**160**	**15**
Chloroform	ND	ND	**9.3**	ND	ND	**1.7**	**3**	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	**27**	ND	**2.2**	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Listed VOCs (1)	**1,305**	**944**	**1,906**	**52**	**1,668**	**68**	**350**	**13**	**606**	**226**	**486**	**121**
Full TO-15 List VOCs	**1,305**	**986**	**2,678**	**434**	**1,668**	**215**	**1,312**	**507**	**2,840**	**305**	**1,262**	**919**

	SG-7			SG-7R	SG-8				SG-9		
COMPOUND NAME	**09/15/08**	**02/09/12**	**08/30/12**	**07/17/13**	**09/15/08**	**02/09/12**	**08/30/12**	**06/20/13**	**02/09/12**	**08/30/12**	**06/20/13**
Trichloroethene	**32,000**	**2,300**	**26,000**	**80,000**	**600**	**10**	**300**	**19**	**37**	**73**	**81**
cis-1,2-Dichloroethene	**4,600**	**590**	**3,800**	**29,000**	ND	ND	**3.1**	ND	**0.79**	**1.7**	**0.76**
Tetrachloroethene	**920**	**150**	**1,900**	**4,500**	**90**	**2.6**	**5**	ND	**54**	**120**	**210**
trans-1,2-Dichloroethene	**150**	ND	**110**	ND	ND	ND	ND	ND	ND	ND	**0.82**
1,1,1-Trichloroethane	ND	ND	**95**	ND	**130**	**20**	**370**	**6.5**	**48**	**150**	**100**
Chloroform	ND	ND	ND	ND	**4.5**	ND	**2.6**	ND	ND	**2.1**	**1.4**
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Listed VOCs (1)	**37,670**	**3,040**	**31,905**	**113,500**	**825**	**33**	**681**	**26**	**140**	**347**	**394**
Full TO-15 List VOCs	**37,670**	**3,321**	**32,356**	**141,060**	**919**	**127**	**1,239**	**722**	**230**	**1,497**	**841**

Notes:

Results provided in ug/m^3.
ND - compound was not detected.
NA - not applicable.
SG-7R: Installed July 2, 2013 to replace destroyed sampling point SG-7.
(1) - Based on the provided compound list.

Table 3: Summary of Soil Vapor Sampling Detections - SG-7R

Former CAMCO Site
Ronkonkoma, New York

COMPOUND NAME	CASNUM	Result (ug/m3)	Percent of Total
Heptane	142-82-5	320	0.2%
Chlorobenzene	108-90-7	440	0.3%
Ethyl Benzene	100-41-4	850	1%
o-Xylene	95-47-6	920	1%
Cyclohexane	110-82-7	930	1%
m,p-Xylene	108-38-3/106-42-3	2,300	2%
1,4-Dichlorobenzene	106-46-7	2,400	2%
2,2,4-Trimethylpentane	540-84-1	3,100	2%
Tetrachloroethene	127-18-4	4,500	3%
1,2-Dichlorobenzene	95-50-1	7,200	5%
Toluene	108-88-3	9,100	6%
cis-1,2-Dichloroethene	156-59-2	29,000	21%
Trichloroethene	79-01-6	80,000	57%

Notes:
Sampling conducted on July 17, 2013.

Table 4: Summary of Soil Sampling Results - Parcel A MIP Testing Locations

Former CAMCO Site
Ronkonkoma, New York

LOCATION		MIP-1 @2.0-2.5FBG		MIP-1 @3.5-4.0FBG		MIP-3 @1.0-1.5FBG		MIP-4 @0.5-1.0FBG		MIP-4 @2.5-3.0FBG		MIP-5 @1.5-2.0FBG	
SAMPLING DATE	NY-UNRES	09-MAY-14		09-MAY-14		09-MAY-14		09-MAY-14		09-MAY-14		09-MAY-14	
Volatile Organics (mg/kg)													
1,1,1,2-Tetrachloroethane		2.2	U	0.0005	U	0.63	U	0.13	U	0.00051	U	0.18	U
1,1,1-Trichloroethane	0.68	2.2	U	0.0005	U	0.63	U	0.18		0.00051	U	0.18	U
1,1,2,2-Tetrachloroethane		2.2	U	0.0005	U	0.63	U	0.13	U	0.00051	U	0.18	U
1,1,2-Trichloroethane		3.4	U	0.00076	U	0.95	U	0.2	U	0.00076	U	0.28	U
1,1-Dichloroethane	0.27	3.4	U	0.00076	U	0.95	U	0.2	U	0.00076	U	0.28	U
1,1-Dichloroethene	0.33	2.2	U	0.0005	U	0.63	U	0.13	U	0.00051	U	0.18	U
1,1-Dichloropropene		11	U	0.0025	U	3.2	U	0.67	U	0.0025	U	0.92	U
1,2,3-Trichlorobenzene		1.5	J	0.0025	U	1.7	J	0.67	U	0.0025	U	0.056	J
1,2,3-Trichloropropane		22	U	0.005	U	6.3	U	1.3	U	0.0051	U	1.8	U
1,2,4,5-Tetramethylbenzene		16		0.002	U	1.3	J	0.54	U	0.002	U	0.19	J
1,2,4-Trichlorobenzene		9.6	J	0.0025	U	15		0.17	J	0.0025	U	0.23	J
1,2,4-Trimethylbenzene	3.6	79		0.00075	J	4		0.67	U	0.0025	U	1.6	
1,2-Dibromo-3-chloropropane		11	U	0.0025	U	3.2	U	0.67	U	0.0025	U	0.92	U
1,2-Dibromoethane		9	U	0.002	U	2.5	U	0.54	U	0.002	U	0.74	U
1,2-Dichlorobenzene	1.1	390		0.0025		120		6		0.0025	U	16	
1,2-Dichloroethane	0.02	2.2	U	0.0005	U	0.63	U	0.13	U	0.00051	U	0.18	U
1,2-Dichloropropane		7.8	U	0.0018	U	2.2	U	0.47	U	0.0018	U	0.64	U
1,3,5-Trimethylbenzene	8.4	38		0.00046	J	2.9	J	0.67	U	0.0025	U	0.82	J
1,3-Dichlorobenzene	2.4	31		0.0025	U	8.9		0.45	J	0.0025	U	2.4	
1,3-Dichloropropane		11	U	0.0025	U	3.2	U	0.67	U	0.0025	U	0.92	U
1,4-Dichlorobenzene	1.8	170	J	0.00098	J	100		2.8		0.0025	U	5.7	
1,4-Diethylbenzene		9	U	0.00028	J	5.5		0.031	J	0.002	U	1	
1,4-Dioxane	0.1	220	UR	0.05	UR	63	UR	13	UR	0.051	UR	18	UR
2,2-Dichloropropane		11	U	0.0025	U	3.2	U	0.67	U	0.0025	U	0.92	U
2-Butanone	0.12	9	J	0.005	U	2	J	0.44	J	0.0051	U	0.69	J
2-Hexanone		22	U	0.005	U	6.3	U	1.3	U	0.0051	U	1.8	U
4-Ethyltoluene		37		0.00051	J	1.8	J	0.54	U	0.002	U	1.4	
4-Methyl-2-pentanone		22	U	0.005	U	6.3	U	1.3	U	0.0051	U	1.8	U
Acetone	0.05	7	J	0.0048	J	6.3	UJ	0.48	J	0.0045	J	0.61	J
Acrylonitrile		22	U	0.005	U	6.3	U	1.3	U	0.0051	U	1.8	U
Benzene	0.06	2.2	U	0.0005	U	0.63	U	0.13	U	0.00051	U	0.18	U
Bromobenzene		11	U	0.0025	U	3.2	U	0.67	U	0.0025	U	0.92	U
Bromochloromethane		11	U	0.0025	U	3.2	U	0.67	U	0.0025	U	0.92	U
Bromodichloromethane		2.2	U	0.0005	U	0.63	U	0.13	U	0.00051	U	0.18	U
Bromoform		9	U	0.002	UJ	2.5	U	0.54	U	0.002	UJ	0.74	U
Bromomethane		4.5	U	0.001	U	1.3	U	0.27	U	0.001	U	0.37	U
Carbon disulfide		22	U	0.005	U	6.3	U	1.3	U	0.0051	U	1.8	U
Carbon tetrachloride	0.76	2.2	U	0.0005	U	0.63	U	0.13	U	0.00051	U	0.18	U
Chlorobenzene	1.1	99		0.006		0.32	J	0.25		0.00051	U	20	
Chloroethane		4.5	U	0.001	UJ	1.3	U	0.27	U	0.001	UJ	0.37	U
Chloroform	0.37	3.4	U	0.00076	U	0.95	U	0.2	U	0.00076	U	0.28	U
Chloromethane		11	U	0.0025	U	3.2	U	0.67	U	0.0025	U	0.92	U
cis-1,2-Dichloroethene	0.25	0.47	J	0.0026		0.63	U	0.13		0.00051	U	2.6	
cis-1,3-Dichloropropene		2.2	U	0.0005	U	0.63	U	0.13	U	0.00051	U	0.18	U
Dibromochloromethane		2.2	U	0.0005	U	0.63	U	0.13	U	0.00051	U	0.18	U

Table 4: Summary of Soil Sampling Results - Parcel A MIP Testing Locations

Former CAMCO Site
Ronkonkoma, New York

LOCATION		MIP-1 @2.0-2.5FBG		MIP-1 @3.5-4.0FBG		MIP-3 @1.0-1.5FBG		MIP-4 @0.5-1.0FBG		MIP-4 @2.5-3.0FBG		MIP-5 @1.5-2.0FBG	
SAMPLING DATE	NY-UNRES	09-MAY-14		09-MAY-14		09-MAY-14		09-MAY-14		09-MAY-14		09-MAY-14	
Dibromomethane		22	U	0.005	U	6.3	U	1.3	U	0.0051	U	1.8	U
Dichlorodifluoromethane		22	U	0.005	UJ	6.3	U	1.3	U	0.0051	UJ	1.8	U
Ethyl ether		11	UJ	0.0025	U	3.2	UJ	0.67	UJ	0.0025	U	0.92	UJ
Ethylbenzene	1	1.7	J	0.0005	U	0.63	U	0.13	U	0.00051	U	0.16	J
Hexachlorobutadiene		11	U	0.0025	U	3.2	U	0.67	U	0.0025	U	0.92	U
Isopropylbenzene		3.1		0.0005	U	0.63	U	0.13	U	0.00051	U	0.13	J
Methyl tert butyl ether	0.93	4.5	U	0.001	U	1.3	U	0.27	U	0.001	U	0.37	U
Methylene chloride	0.05	22	U	0.0014	J	6.3	U	0.7	J	0.0051	U	1.8	U
n-Butylbenzene	12	11		0.0005	U	0.63	U	0.13	U	0.00051	U	0.27	
n-Propylbenzene	3.9	2.2	U	0.0005	U	0.63	U	0.13	U	0.00051	U	0.36	
Naphthalene	12	4.8	J	0.0025	U	3.2	U	0.67	U	0.0025	U	0.17	J
o-Chlorotoluene		11	U	0.0025	U	3.2	U	0.67	U	0.0025	U	0.92	U
o-Xylene		5.9		0.001	U	1.3	U	0.27	U	0.001	U	0.42	
p-Chlorotoluene		11	U	0.0025	U	3.2	U	0.67	U	0.0025	U	0.92	U
p-Isopropyltoluene		12		0.0005	U	2.3		0.04	J	0.00051	U	0.24	
p/m-Xylene		4.8		0.001	U	0.3	J	0.27	U	0.001	U	0.3	J
sec-Butylbenzene	11	9.6		0.0005	U	0.32	J	0.13	U	0.00051	U	0.2	
Styrene		4.5	U	0.001	U	1.3	U	0.27	U	0.001	U	0.37	U
tert-Butylbenzene	5.9	11	U	0.0025	U	3.2	U	0.67	U	0.0025	U	0.92	U
Tetrachloroethene	1.3	2.2	U	0.0045		1.1		2.7		0.0007		0.18	U
Toluene	0.7	2.1	J	0.00033	U	0.95	U	0.12	J	0.00076	U	0.26	J
trans-1,2-Dichloroethene	0.19	3.4	U	0.00076	U	0.95	U	0.2	U	0.00076	U	0.12	J
trans-1,3-Dichloropropene		2.2	U	0.0005	U	0.63	U	0.13	U	0.00051	U	0.18	U
trans-1,4-Dichloro-2-butene		11	U	0.0025	U	3.2	U	0.67	U	0.0025	U	0.92	U
Trichloroethene	0.47	2.2	U	0.02		0.63	U	17		0.00079		9.4	
Trichlorofluoromethane		11	U	0.0025	U	3.2	U	0.67	U	0.0025	U	0.92	U
Vinyl acetate		22	U	0.005	U	6.3	U	1.3	U	0.0051	U	1.8	U
Vinyl chloride	0.02	4.5	U	0.001	U	1.3	U	0.27	U	0.001	U	0.37	U
Xylene (Total)	0.26	11		0.001	U	0.3	J	0.27	U	0.001	U	0.72	J
Total Detected VOCs		954		0.045		268		32		0.006		66	

Table 4: Summary of Soil Sampling Results - Parcel A MIP Testing Locations

Former CAMCO Site
Ronkonkoma, New York

LOCATION		MIP-5 @3.5-4.0FBG		DUPLICATE (1)		MIP-8 @0.5-1.0FBG		MIP-9 @1.0-1.5FBG		MIP-11 @0.5-1.0FBG		MIP-14 @2.0-2.5FBG	
SAMPLING DATE	NY-UNRES	09-MAY-14		09-MAY-14		09-MAY-14		09-MAY-14		09-MAY-14		09-MAY-14	
Volatile Organics (mg/kg)													
1,1,1,2-Tetrachloroethane		0.0005	U	0.00053	U	0.3	U	0.032	U	0.00054	U	0.033	U
1,1,1-Trichloroethane	0.68	0.0005	U	0.00053	U	0.3	U	0.032	U	0.00054	U	0.033	U
1,1,2,2-Tetrachloroethane		0.0005	U	0.00053	U	0.3	U	0.032	U	0.00054	U	0.033	U
1,1,2-Trichloroethane		0.00075	U	0.0008	U	0.45	U	0.047	U	0.0008	U	0.049	U
1,1-Dichloroethane	0.27	0.00075	U	0.0008	U	0.45	U	0.047	U	0.0008	U	0.049	U
1,1-Dichloroethene	0.33	0.0005	U	0.00053	U	0.3	U	0.032	U	0.00054	U	0.033	U
1,1-Dichloropropene		0.0025	U	0.0026	U	1.5	U	0.16	U	0.0027	U	0.16	U
1,2,3-Trichlorobenzene		0.0025	U	0.0026	U	1.5	U	0.3	J	0.0027	U	0.01	J
1,2,3-Trichloropropane		0.005	U	0.0053	U	3	U	0.32	U	0.0054	U	0.33	U
1,2,4,5-Tetramethylbenzene		0.002	U	0.0021	U	4.1		10		0.0021	U	0.058	J
1,2,4-Trichlorobenzene		0.0025	U	0.0026	U	1.5	U	0.16	U	0.0027	U	0.16	U
1,2,4-Trimethylbenzene	3.6	0.0022	J	0.0021	J	13		41		0.0027	U	0.12	J
1,2-Dibromo-3-chloropropane		0.0025	U	0.0026	U	1.5	U	0.16	U	0.0027	U	0.16	U
1,2-Dibromoethane		0.002	U	0.0021	U	1.2	U	0.13	U	0.0021	U	0.13	U
1,2-Dichlorobenzene	1.1	0.0025	U	0.0026	U	1.5	U	0.16	U	0.00047	J	0.023	J
1,2-Dichloroethane	0.02	0.0005	U	0.00053	U	0.3	U	0.032	U	0.00054	U	0.033	U
1,2-Dichloropropane		0.0018	U	0.0019	U	1	U	0.11	U	0.0019	U	0.11	U
1,3,5-Trimethylbenzene	8.4	0.0013	J	0.0012	J	11		35		0.0027	U	0.096	J
1,3-Dichlorobenzene	2.4	0.0025	U	0.0026	U	0.26	J	0.51	J	0.0027	U	0.16	U
1,3-Dichloropropane		0.0025	U	0.0026	U	1.5	U	0.16	U	0.0027	U	0.16	U
1,4-Dichlorobenzene	1.8	0.0025	U	0.0026	U	1.3	J	1.1	J	0.0027	U	0.016	J
1,4-Diethylbenzene		0.00065	J	0.00066	J	31		0.13	U	0.0021	U	0.24	
1,4-Dioxane	0.1	0.05	UR	0.053	UJ	30	UR	3.2	UJ	0.054	UJ	3.3	UR
2,2-Dichloropropane		0.0025	U	0.0026	U	1.5	U	0.16	U	0.0027	U	0.16	U
2-Butanone	0.12	0.005	U	0.0053	U	1	J	0.32	U	0.0054	U	0.11	J
2-Hexanone		0.005	U	0.0053	U	3	U	0.32	U	0.0054	U	0.33	U
4-Ethyltoluene		0.0017	J	0.0016	J	7		18		0.0021	U	0.041	J
4-Methyl-2-pentanone		0.005	U	0.0053	U	3	U	0.32	U	0.0054	U	0.33	U
Acetone	0.05	0.01		0.0087		1	J	0.32	U	0.0084		0.33	UJ
Acrylonitrile		0.005	U	0.0053	U	3	U	0.32	U	0.0054	U	0.33	U
Benzene	0.06	0.0005	U	0.00053	U	0.3	U	0.032	U	0.00054	U	0.033	U
Bromobenzene		0.0025	U	0.0026	U	1.5	U	0.16	U	0.0027	U	0.16	U
Bromochloromethane		0.0025	U	0.0026	U	1.5	U	0.16	U	0.0027	U	0.16	U
Bromodichloromethane		0.0005	U	0.00053	U	0.3	U	0.032	U	0.00054	U	0.033	U
Bromoform		0.002	UJ	0.0021	U	1.2	U	0.13	U	0.0021	U	0.13	U
Bromomethane		0.001	U	0.0011	U	0.6	U	0.063	U	0.0011	U	0.065	U
Carbon disulfide		0.005	U	0.0053	U	3	U	0.32	U	0.0054	U	0.33	U
Carbon tetrachloride	0.76	0.0005	U	0.00053	U	0.3	U	0.032	U	0.00054	U	0.033	U
Chlorobenzene	1.1	0.0054		0.0045		0.66		2.6	J	0.00054	U	0.033	U
Chloroethane		0.001	UJ	0.0011	U	0.6	U	0.063	U	0.0011	U	0.065	U
Chloroform	0.37	0.00075	U	0.0008	U	0.45	U	0.047	U	0.0008	U	0.049	U
Chloromethane		0.0025	U	0.0026	U	1.5	U	0.16	U	0.0027	U	0.16	U
cis-1,2-Dichloroethene	0.25	0.0005	U	0.00053	U	0.3	U	0.89	J	0.0047		0.0088	J
cis-1,3-Dichloropropene		0.0005	U	0.00053	U	0.3	U	0.032	U	0.00054	U	0.033	U
Dibromochloromethane		0.0005	U	0.00053	U	0.3	U	0.032	U	0.00054	U	0.033	U

Table 4: Summary of Soil Sampling Results - Parcel A MIP Testing Locations

Former CAMCO Site
Ronkonkoma, New York

LOCATION		MIP-5 @3.5-4.0FBG		DUPLICATE (1)		MIP-8 @0.5-1.0FBG		MIP-9 @1.0-1.5FBG		MIP-11 @0.5-1.0FBG		MIP-14 @2.0-2.5FBG	
SAMPLING DATE	NY-UNRES	09-MAY-14		09-MAY-14		09-MAY-14		09-MAY-14		09-MAY-14		09-MAY-14	
Dibromomethane		0.005	U	0.0053	U	3	U	0.32	U	0.0054	U	0.33	U
Dichlorodifluoromethane		0.005	UJ	0.0053	U	3	U	0.32	U	0.0054	U	0.33	U
Ethyl ether		0.0025	U	0.0026	UJ	1.5	UJ	0.16	UJ	0.0027	UJ	0.16	UJ
Ethylbenzene	1	0.0005	U	0.00053	U	0.18	J	0.69	J	0.00054	U	0.033	U
Hexachlorobutadiene		0.0025	U	0.0026	U	1.5	U	0.16	U	0.0027	U	0.16	U
Isopropylbenzene		0.0005	U	0.00053	U	0.43		0.95	J	0.00054	U	0.033	U
Methyl tert butyl ether	0.93	0.001	U	0.0011	U	0.6	U	0.063	U	0.0011	U	0.065	U
Methylene chloride	0.05	0.002	J	0.0053	U	3	U	0.32	U	0.0054	U	0.33	U
n-Butylbenzene	12	0.0005	U	0.00053	U	3.9		2.6	J	0.00054	U	0.033	U
n-Propylbenzene	3.9	0.00044	J	0.00035	J	1.2		2.4	J	0.00054	U	0.033	U
Naphthalene	12	0.0025	U	0.0026	U	1	J	4.4	J	0.0027	U	0.16	U
o-Chlorotoluene		0.0025	U	0.0026	U	1.5	U	0.16	U	0.0027	U	0.16	U
o-Xylene		0.001	U	0.0011	U	0.6	U	2.9	J	0.0011	U	0.065	U
p-Chlorotoluene		0.0025	U	0.0026	U	1.5	U	0.16	U	0.0027	U	0.16	U
p-Isopropyltoluene		0.00044	J	0.00053	U	3.6		3.8	J	0.00054	U	0.035	
p/m-Xylene		0.001	U	0.0011	U	0.35	J	2.4	J	0.0011	U	0.065	U
sec-Butylbenzene	11	0.0005	U	0.00053	U	2.6		3.1	J	0.00054	U	0.013	J
Styrene		0.001	U	0.0011	U	0.6	U	0.063	U	0.0011	U	0.065	U
tert-Butylbenzene	5.9	0.0025	U	0.0026	U	0.4	J	0.76	J	0.0027	U	0.16	U
Tetrachloroethene	1.3	0.0024		0.0016		0.3	U	0.032	U	0.003		0.01	J
Toluene	0.7	0.00053	U	0.00041	J	0.45	U	0.58	J	0.0008	U	0.049	U
trans-1,2-Dichloroethene	0.19	0.00075	U	0.0008	U	0.45	U	0.031	J	0.0008	U	0.049	U
trans-1,3-Dichloropropene		0.0005	U	0.00053	U	0.3	U	0.032	U	0.00054	U	0.033	U
trans-1,4-Dichloro-2-butene		0.0025	U	0.0026	U	1.5	U	0.16	U	0.0027	U	0.16	U
Trichloroethene	0.47	0.0082		0.0042		0.087	J	0.032	U	0.0046		0.033	U
Trichlorofluoromethane		0.0025	U	0.0026	U	1.5	U	0.16	U	0.0027	U	0.16	U
Vinyl acetate		0.005	U	0.0053	U	3	U	0.32	U	0.0054	U	0.33	U
Vinyl chloride	0.02	0.001	U	0.0011	U	0.6	U	0.063	U	0.0011	U	0.065	U
Xylene (Total)	0.26	0.001	U	0.0011	U	0.35	J	5.3	J	0.0011	U	0.065	U
Total Detected VOCs		0.035		0.025		84		235		0.021		0.781	

Notes:
U - Compound was not detected relative to the indicated reporting limit.
J - Estimated value.
R - Sample result was rejected based on validation.
(1) - duplicate of sample MIP-5 @3.5-4.0FBG.
NY-UNRES - 6NYCRR Part 375 -Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.

Table 5: Summary of Soil Sampling Results Exceeding NY-UNRES Criteria - Parcel A MIP Testing Locations

Former CAMCO Site
Ronkonkoma, New York

LOCATION		MIP-1 @2.0-2.5FBG		MIP-1 @3.5-4.0FBG		MIP-3 @1.0-1.5FBG		MIP-4 @0.5-1.0FBG		MIP-4 @2.5-3.0FBG		MIP-5 @1.5-2.0FBG	
SAMPLING DATE	NY-UNRES	09-MAY-14		09-MAY-14		09-MAY-14		09-MAY-14		09-MAY-14		09-MAY-14	
MIP/ECD Results (uV)	NA	353349		179317		208289		532728		176293		502300	
MIP/PID Results (uV)	NA	25192		27696		22223		24963		22847		22300	
Volatile Organics (mg/kg)													
1,2,4-Trimethylbenzene	3.6	79		0.00075	J	4		0.67	U	0.0025	U	1.6	
1,2-Dichlorobenzene	1.1	390		0.0025		120		6		0.0025	U	16	
1,3,5-Trimethylbenzene	8.4	38		0.00046	J	2.9	J	0.67	U	0.0025	U	0.82	J
1,3-Dichlorobenzene	2.4	31		0.0025	U	8.9		0.45	J	0.0025	U	2.4	
1,4-Dichlorobenzene	1.8	170	J	0.00098	J	100		2.8		0.0025	U	5.7	
2-Butanone	0.12	9	J	0.005	U	2	J	0.44	J	0.0051	U	0.69	J
Acetone	0.05	7	J	0.0048	J	6.3	U	0.48	J	0.0045	J	0.61	J
Chlorobenzene	1.1	99		0.006		0.32	J	0.25		0.00051	U	20	
cis-1,2-Dichloroethene	0.25	0.47	J	0.0026		0.63	U	0.13		0.00051	U	2.6	
Ethylbenzene	1	1.7	J	0.0005	U	0.63	U	0.13	U	0.00051	U	0.16	J
Methylene chloride	0.05	22	U	0.0014	J	6.3	U	0.7	J	0.0051	U	1.8	U
Tetrachloroethene	1.3	2.2	U	0.0045		1.1		2.7		0.0007		0.18	U
Toluene	0.7	2.1	J	0.00033	J	0.95	U	0.12	J	0.00076	U	0.26	J
Trichloroethene	0.47	2.2	U	0.02		0.63	U	17		0.00079		9.4	
Xylene (Total)	0.26	11		0.001	U	0.3	J	0.27	U	0.001	U	0.72	J
Total VOCs (2)		954		0.045		268		32		0.006		66	

Table 5: Summary of Soil Sampling Results Exceeding NY-UNRES Criteria - Parcel A MIP Testing Locations

Former CAMCO Site
Ronkonkoma, New York

LOCATION		MIP-5 @3.5-4.0FBG		DUPLICATE (1)		MIP-8 @0.5-1.0FBG		MIP-9 @1.0-1.5FBG		MIP-11 @0.5-1.0FBG		MIP-14 @2.0-2.5FBG	
SAMPLING DATE	NY-UNRES	09-MAY-14		09-MAY-14		09-MAY-14		09-MAY-14		09-MAY-14		09-MAY-14	
MIP/ECD Results (uV)	NA	196824		196824		244134		243225		163517		137465	
MIP/PID Results (uV)	NA	22674		22674		2809		2781		2913		2990	
Volatile Organics (mg/kg)													
1,2,4-Trimethylbenzene	3.6	0.0022	J	0.0021	J	13		41		0.0027	U	0.12	J
1,2-Dichlorobenzene	1.1	0.0025	U	0.0026	U	1.5	U	0.16	U	0.00047	J	0.023	J
1,3,5-Trimethylbenzene	8.4	0.0013	J	0.0012	J	11		35		0.0027	U	0.096	J
1,3-Dichlorobenzene	2.4	0.0025	U	0.0026	U	0.26	J	0.51	J	0.0027	U	0.16	U
1,4-Dichlorobenzene	1.8	0.0025	U	0.0026	U	1.3	J	1.1	J	0.0027	U	0.016	J
2-Butanone	0.12	0.005	U	0.0053	U	1	J	0.32	U	0.0054	U	0.11	J
Acetone	0.05	0.01		0.0087		1	J	0.32	U	0.0084		0.33	U
Chlorobenzene	1.1	0.0054		0.0045		0.66		2.6	J	0.00054	U	0.033	U
cis-1,2-Dichloroethene	0.25	0.0005	U	0.00053	U	0.3	U	0.89	J	0.0047		0.0088	J
Ethylbenzene	1	0.0005	U	0.00053	U	0.18	J	0.69	J	0.00054	U	0.033	U
Methylene chloride	0.05	0.002	J	0.0053	U	3	U	0.32	U	0.0054	U	0.33	U
Tetrachloroethene	1.3	0.0024		0.0016		0.3	U	0.032	U	0.003		0.01	J
Toluene	0.7	0.00053	J	0.00041	J	0.45	U	0.58	J	0.0008	U	0.049	U
Trichloroethene	0.47	0.0082		0.0042		0.087	J	0.032	U	0.0046		0.033	U
Xylene (Total)	0.26	0.001	U	0.0011	U	0.35	J	5.3	J	0.0011	U	0.065	U
Total VOCs (2)		0.035		0.025		84		235		0.021		0.781	

Notes:
U - Compound was not detected relative to the indicated reporting limit.
J - Estimated value.
(1) - Duplicate of sample MIP-5 @3.5-4.0FBG.
(2) - Based on the complete 8260C analyte list.
NY-UNRES - 6NYCRR Part 375 -Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.

Table 6: Summary of Surveying Results

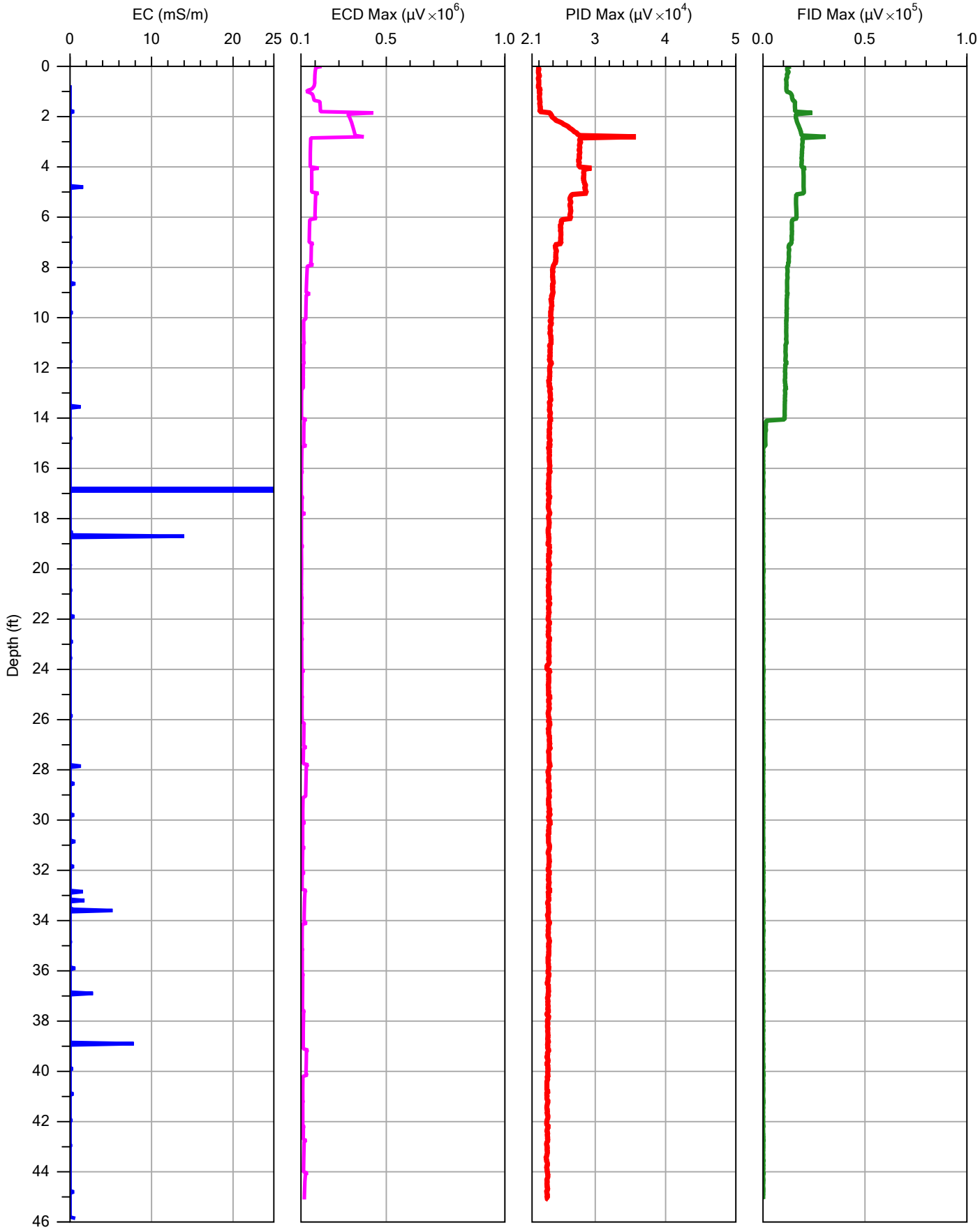
Former CAMCO Site
Ronkonkoma, New York

Location	ELEV. (ft msl)	LONGITUDE (decimal degrees)	LATITUDE (decimal degrees)
Parcel A Features			
MIP-1	95.96	-73.109031	40.798994
MIP-2	95.98	-73.109059	40.798949
MIP-3	95.74	-73.109078	40.798993
MIP-4	95.91	-73.109083	40.799032
MIP-5	95.87	-73.109008	40.798993
MIP-6	95.74	-73.109024	40.798961
MIP-7	95.95	-73.109023	40.799032
MIP-8	95.75	-73.108981	40.798991
MIP-9	95.54	-73.108996	40.798950
MIP-10	96.04	-73.109020	40.798938
MIP-11	96.10	-73.109083	40.799053
MIP-12	96.22	-73.109113	40.799038
MIP-13	95.70	-73.108960	40.798951
MIP-14	95.58	-73.108988	40.798924

Notes:
Horizontal Datum - NAD 83 NY State LI Zone US Feet.
Vertical Datum - NAVD 88 US Feet.
ELEV. - land surface elevation.
Survey Date - 04/23/14.
Surveying by Angle of Attack Land Surveying, Setauket, NY.

Attachment A

Zebra Environmental Logs



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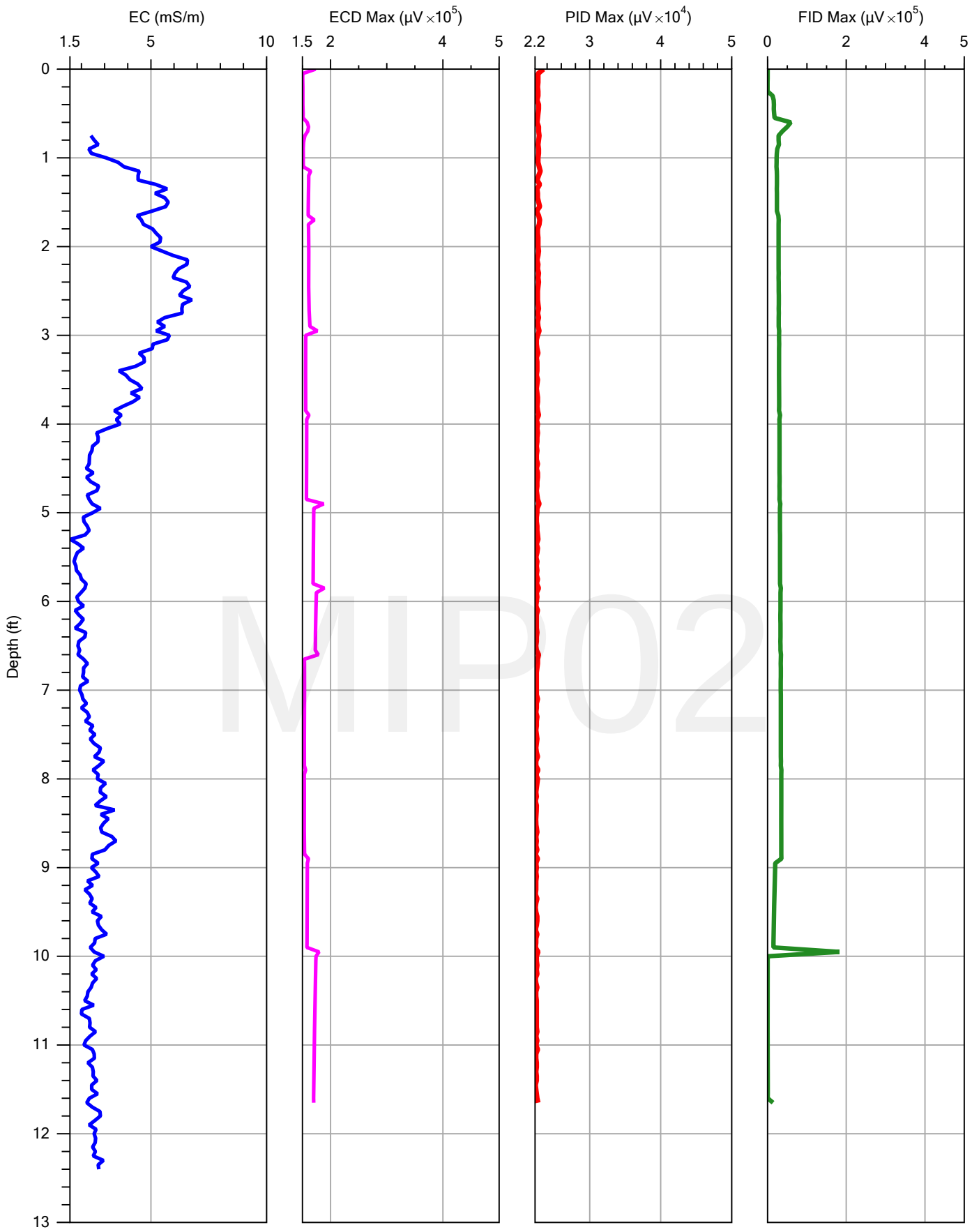

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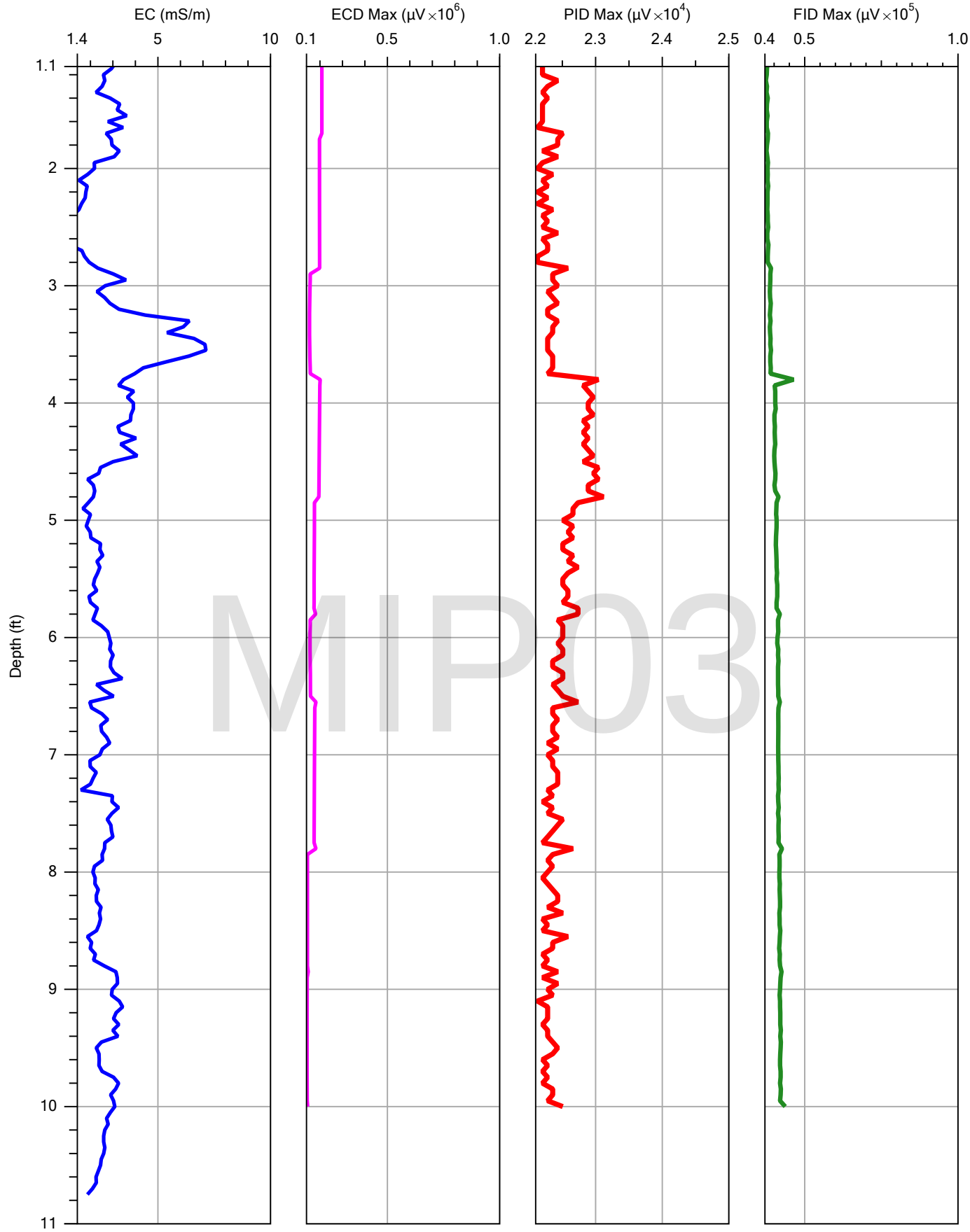
Project ID: 23504		Client: Envirotrac	Location:



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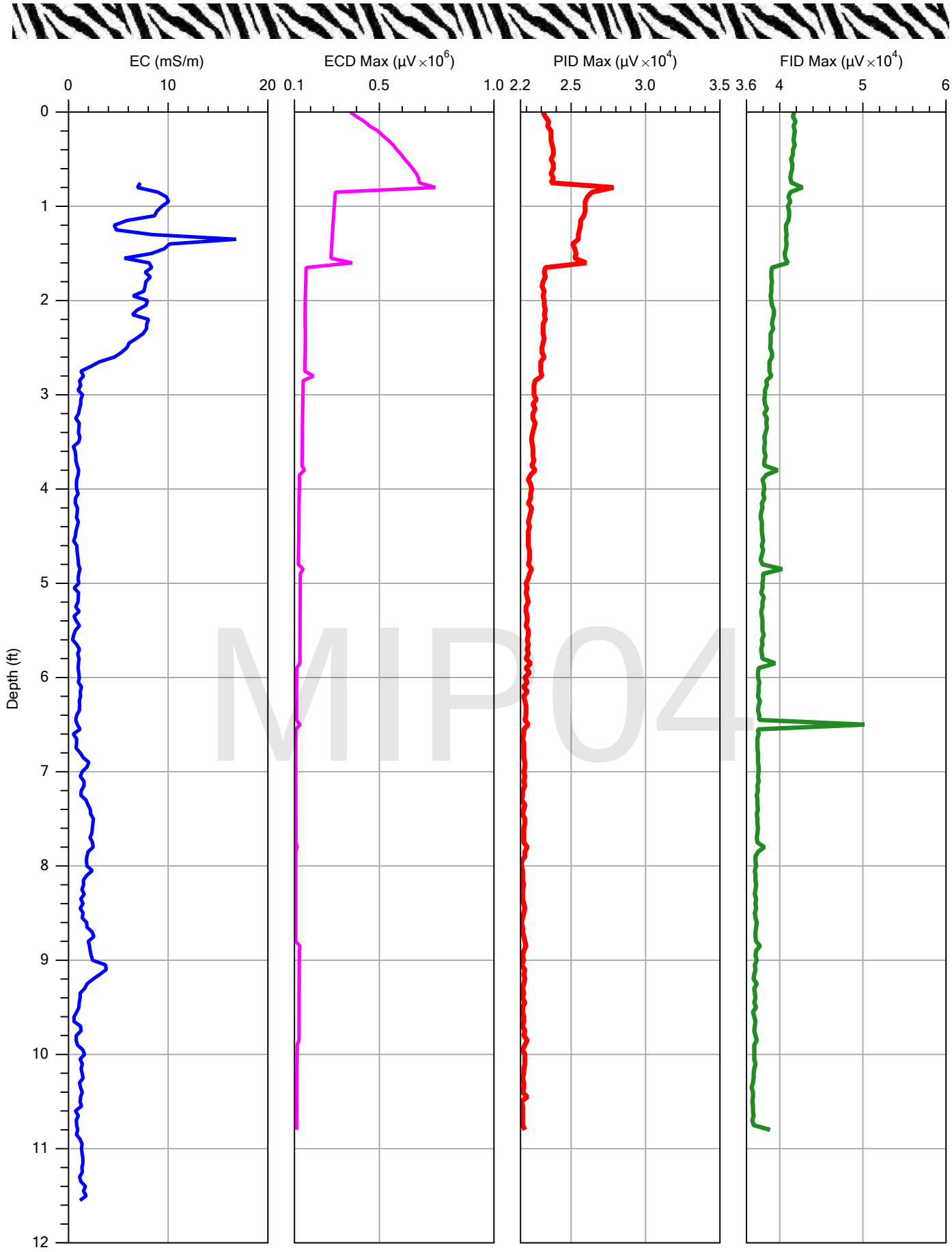
Company: Zebra	Operator: mike		Date: 1/15/2014
Project ID: Mip	Client: enviro		Location:



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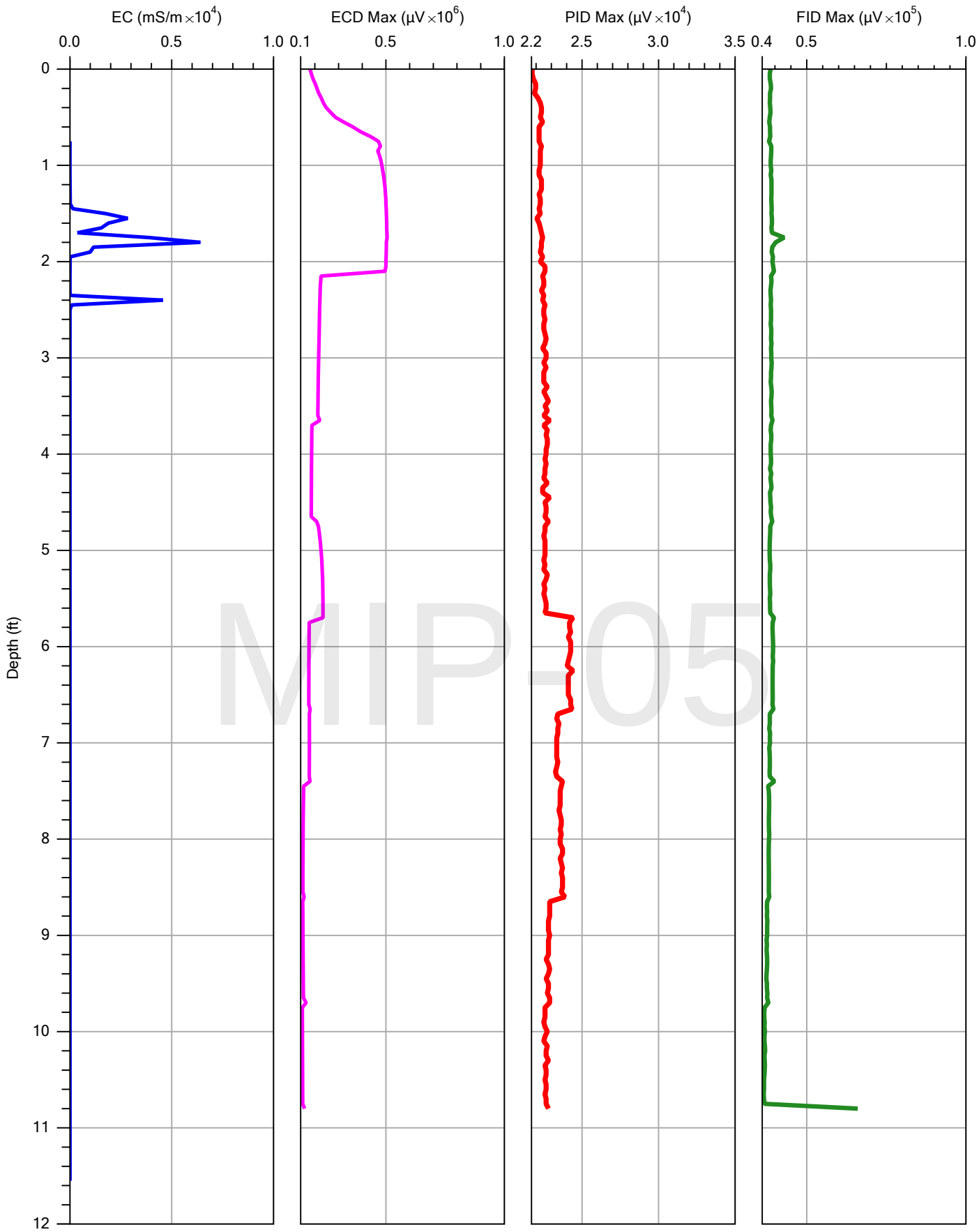
Company: ZEBRA	Operator: Mike		Date: 1/15/2014
Project ID: 23504	Client: Envirotrac		Location:



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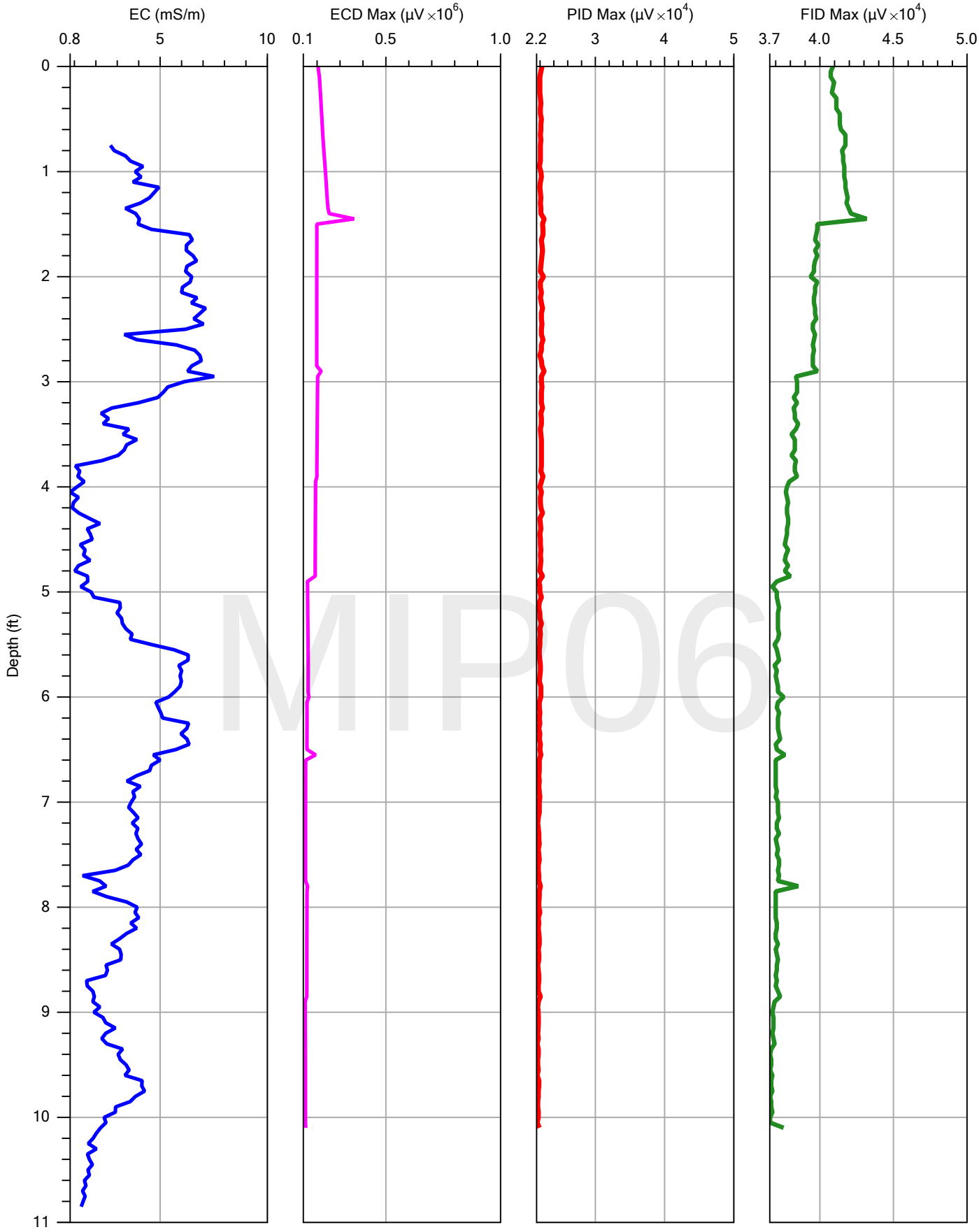
Company: ZEBRA	Operator: Mike		Date: 1/15/2014
Project ID: 23504	Client: Envirotrac		Location:



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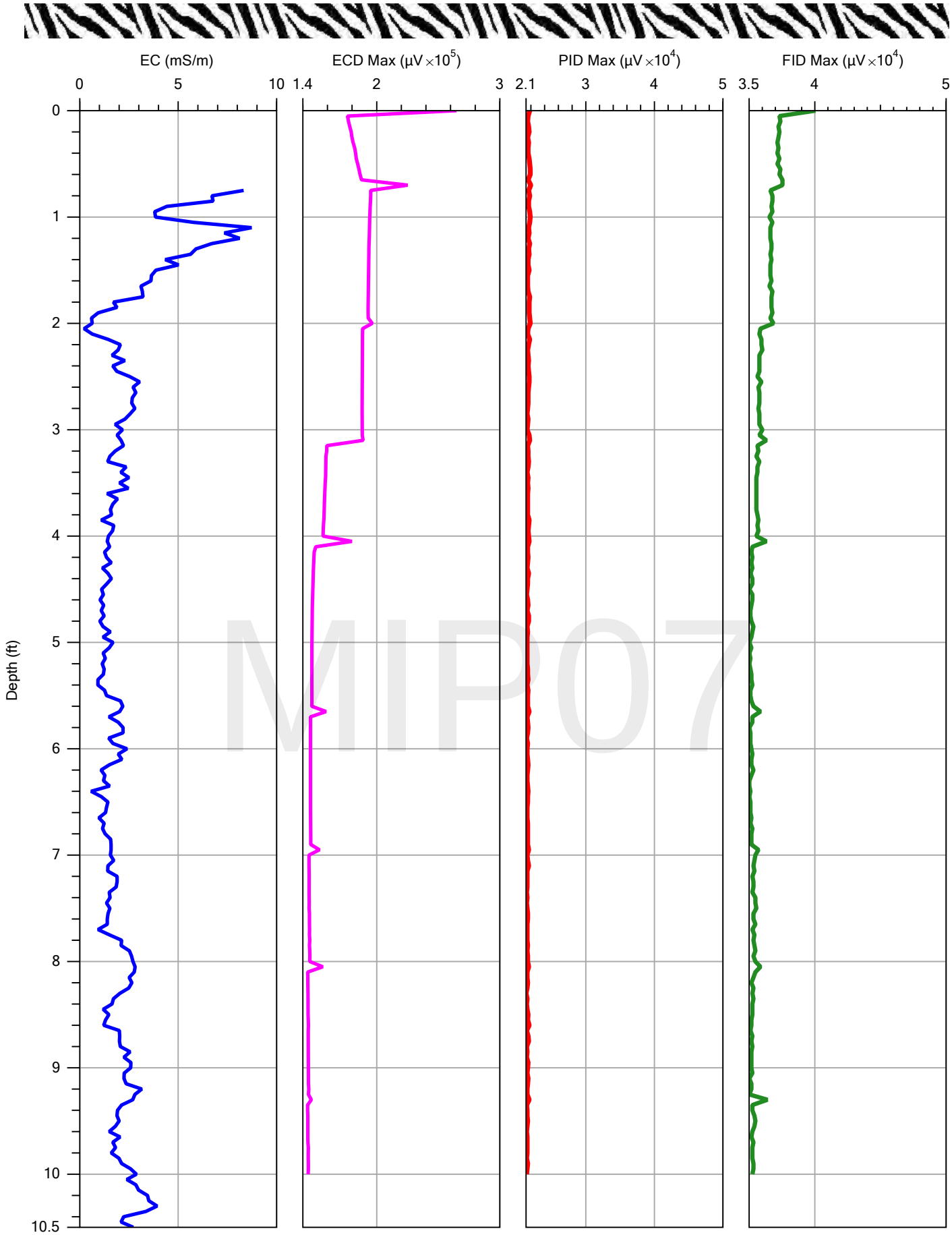
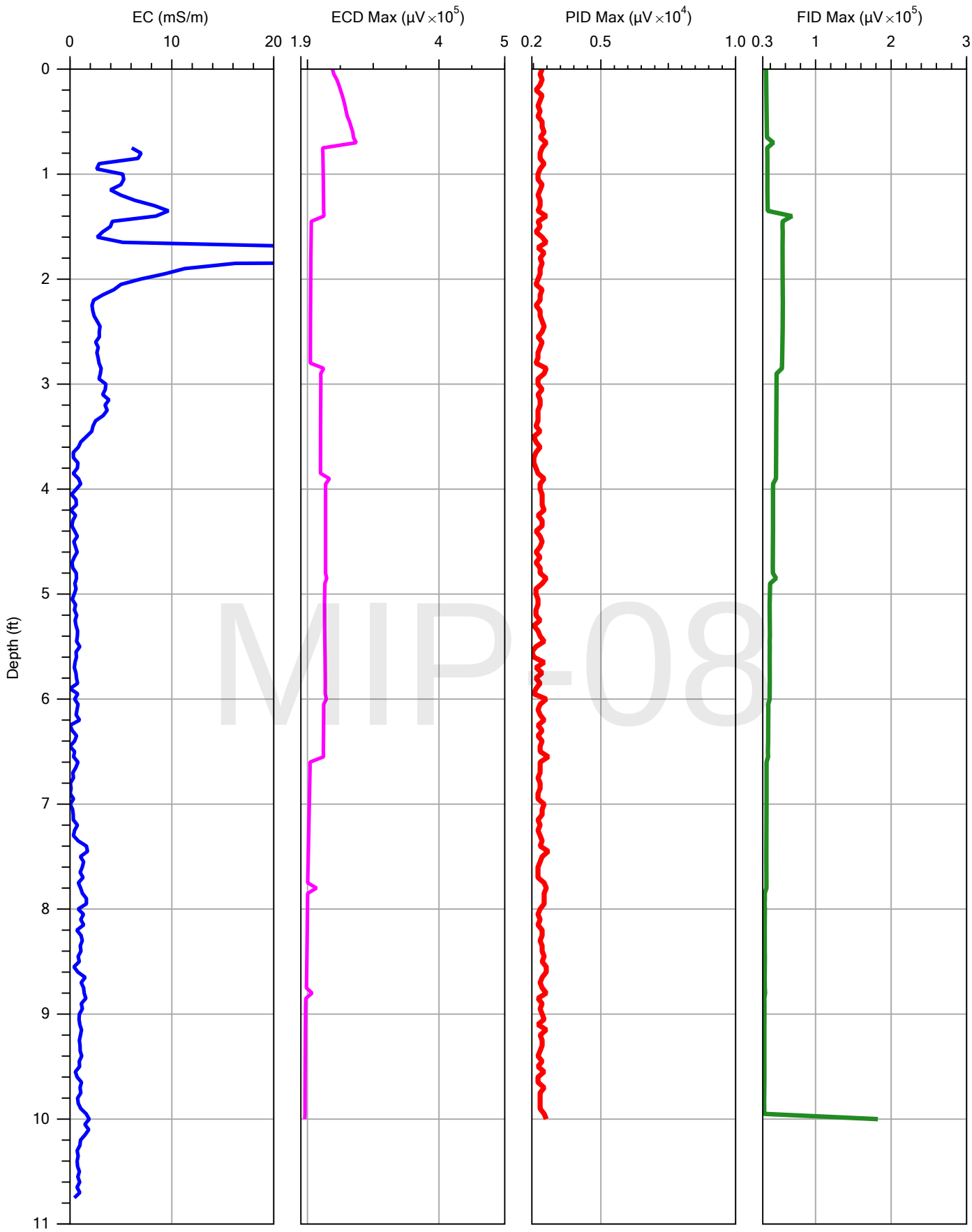
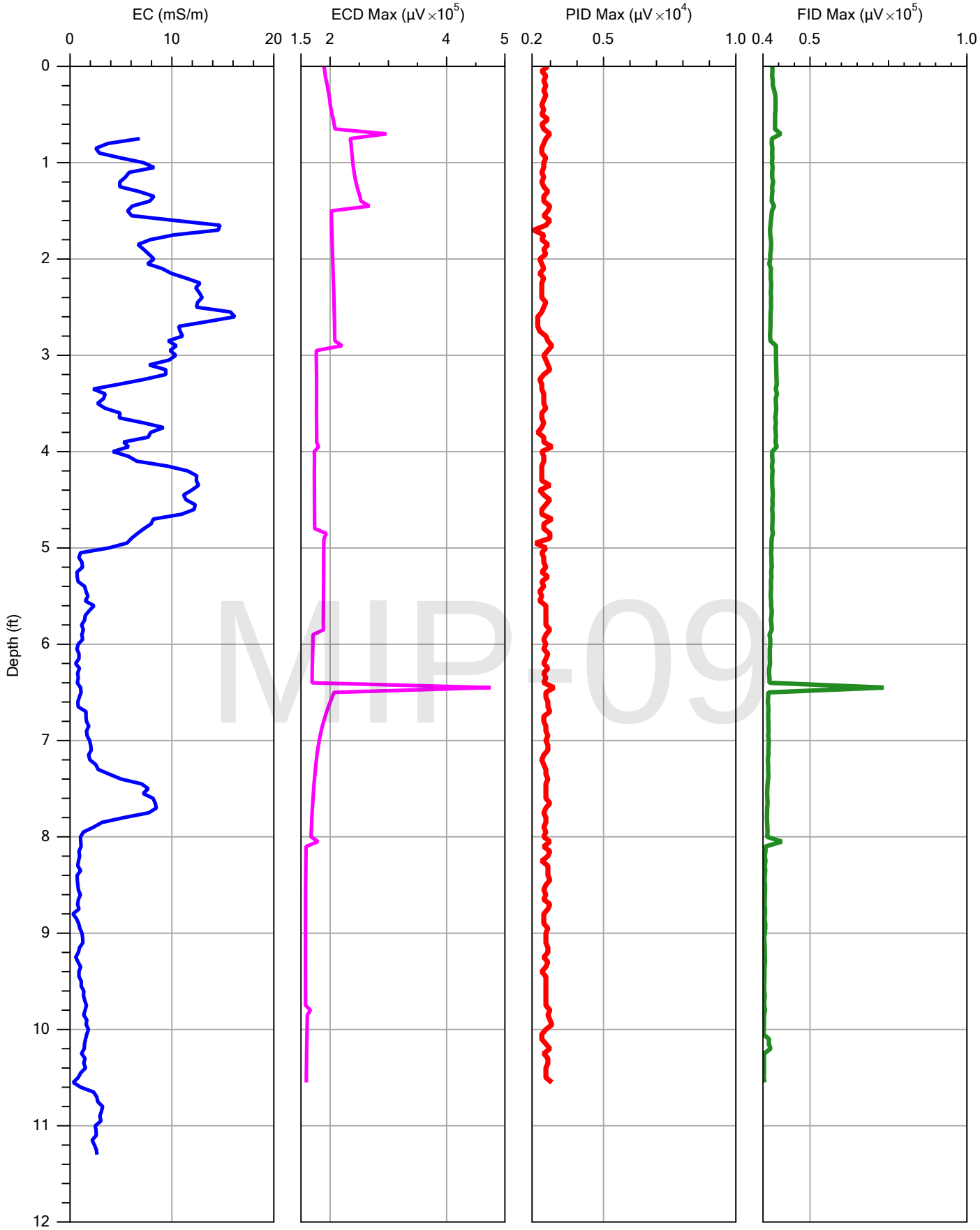
Company: ZEBRA		Operator: Mike	Date: 1/15/2014
Project ID: 23504		Client: Envirotrac	Location:



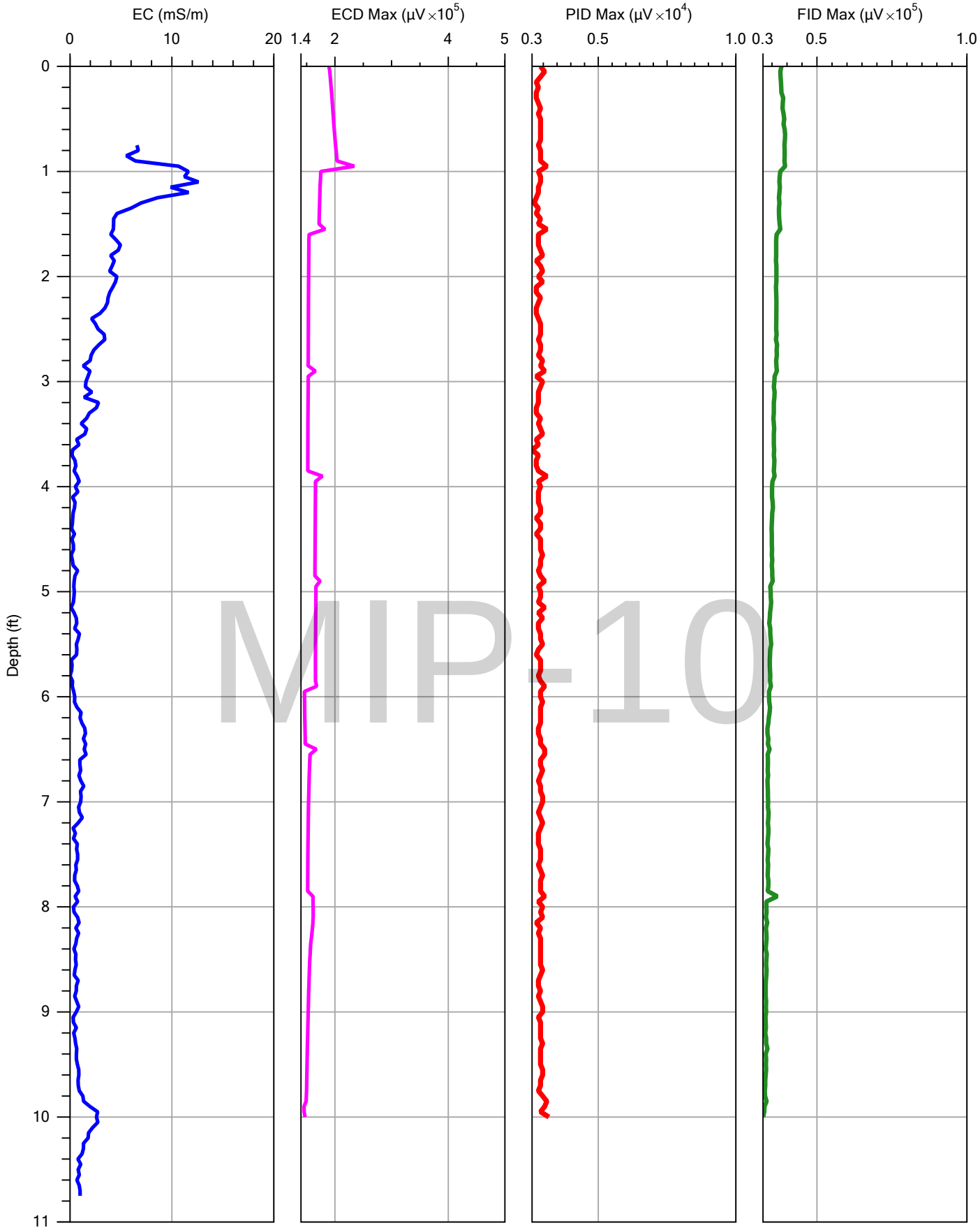
			File: MIP7.MIP
Company: ZEBRA		Operator: Mike	Date: 1/15/2014
Project ID: 23504		Client: Envirotrac	Location:



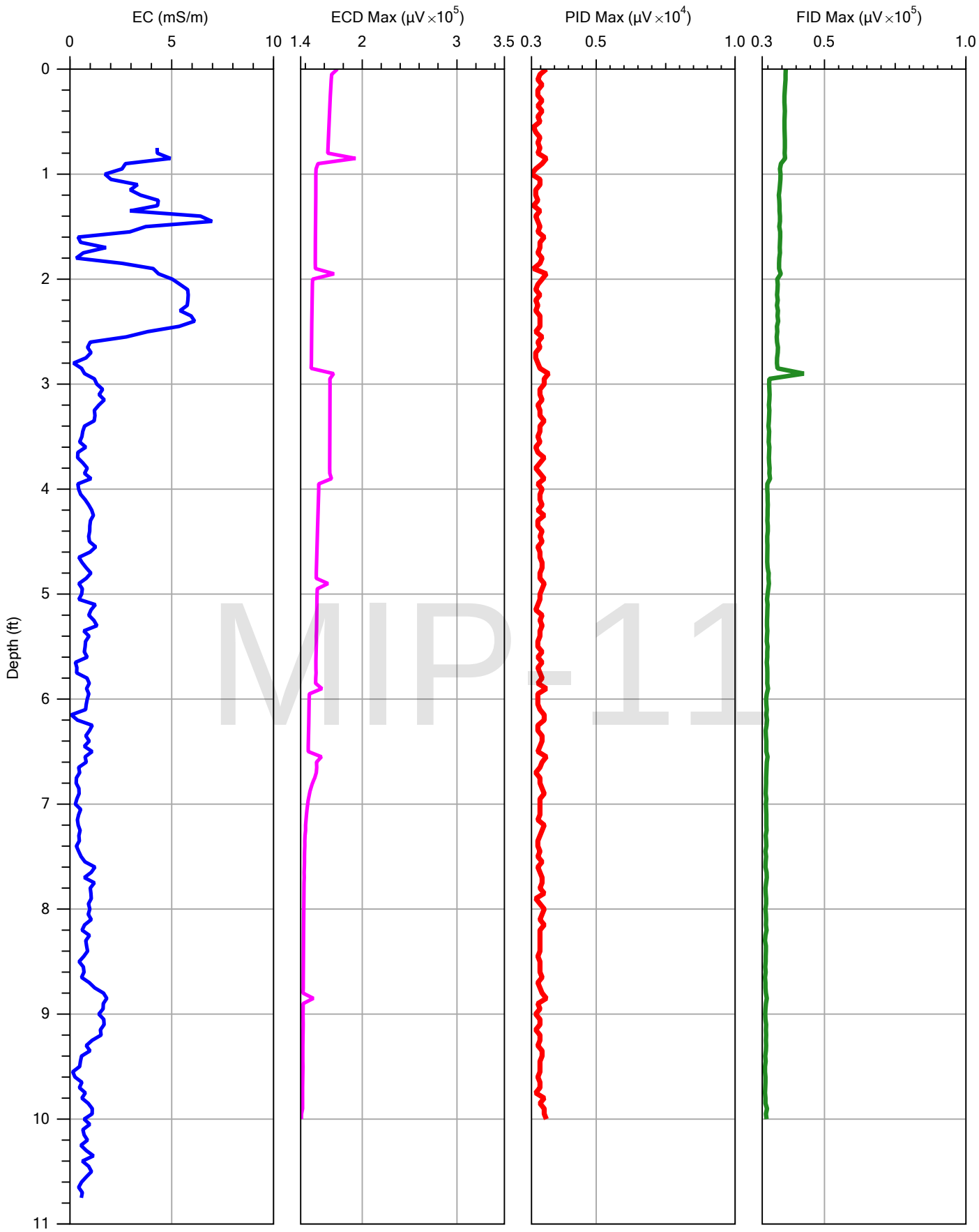
			File: MIP8.MIP
Company: ZEBRA	Operator: Mike		Date: 1/16/2014
Project ID: 23504	Client: Envirotrac		Location:



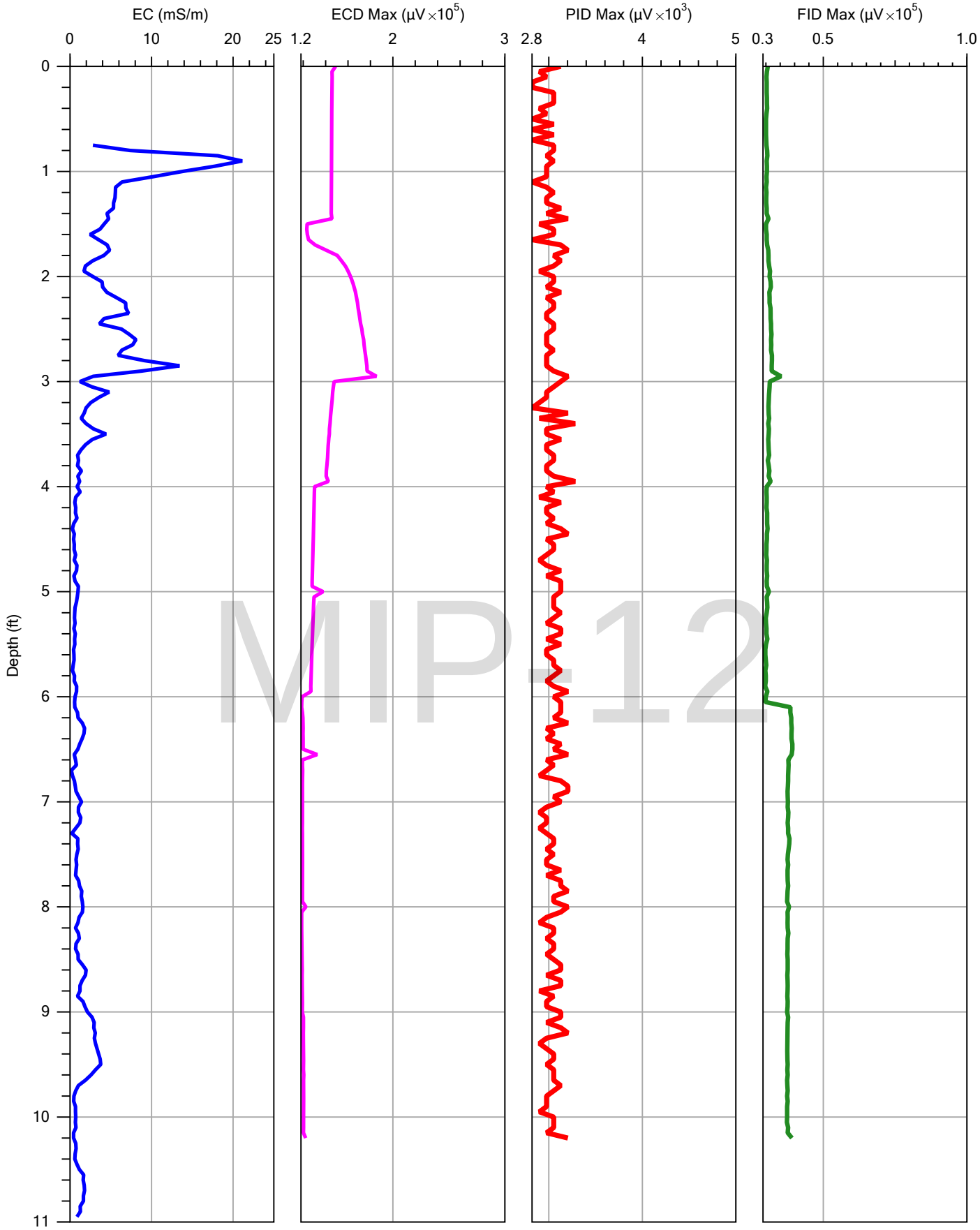
			File: MIP9.MIP
Company: ZEBRA	Operator: Mike		Date: 1/16/2014
Project ID: 23504	Client: Envirotrac		Location:



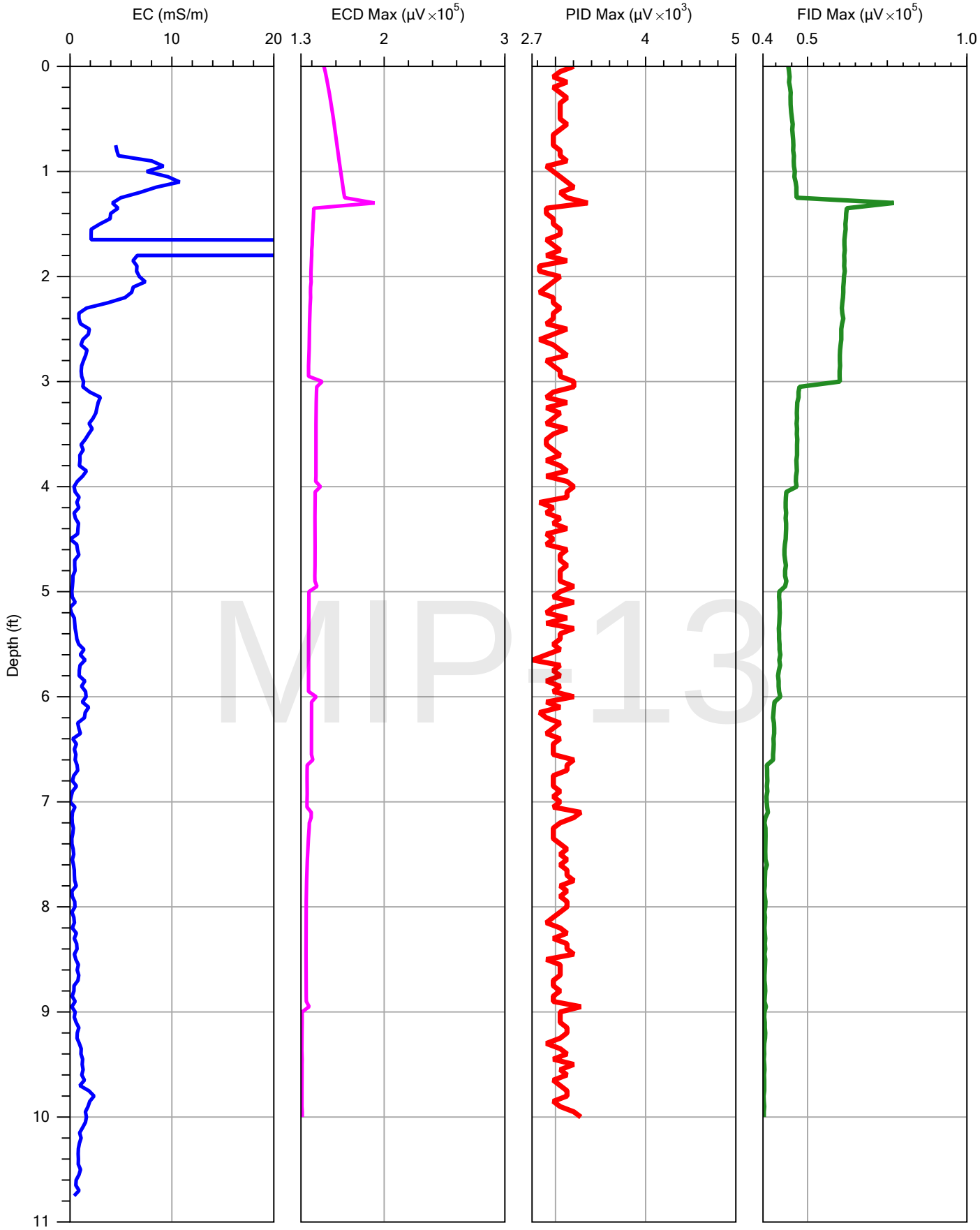
			File: MIP10.MIP
Company: ZEBRA	Operator: Mike		Date: 1/16/2014
Project ID: 23504	Client: Envirotrac		Location:



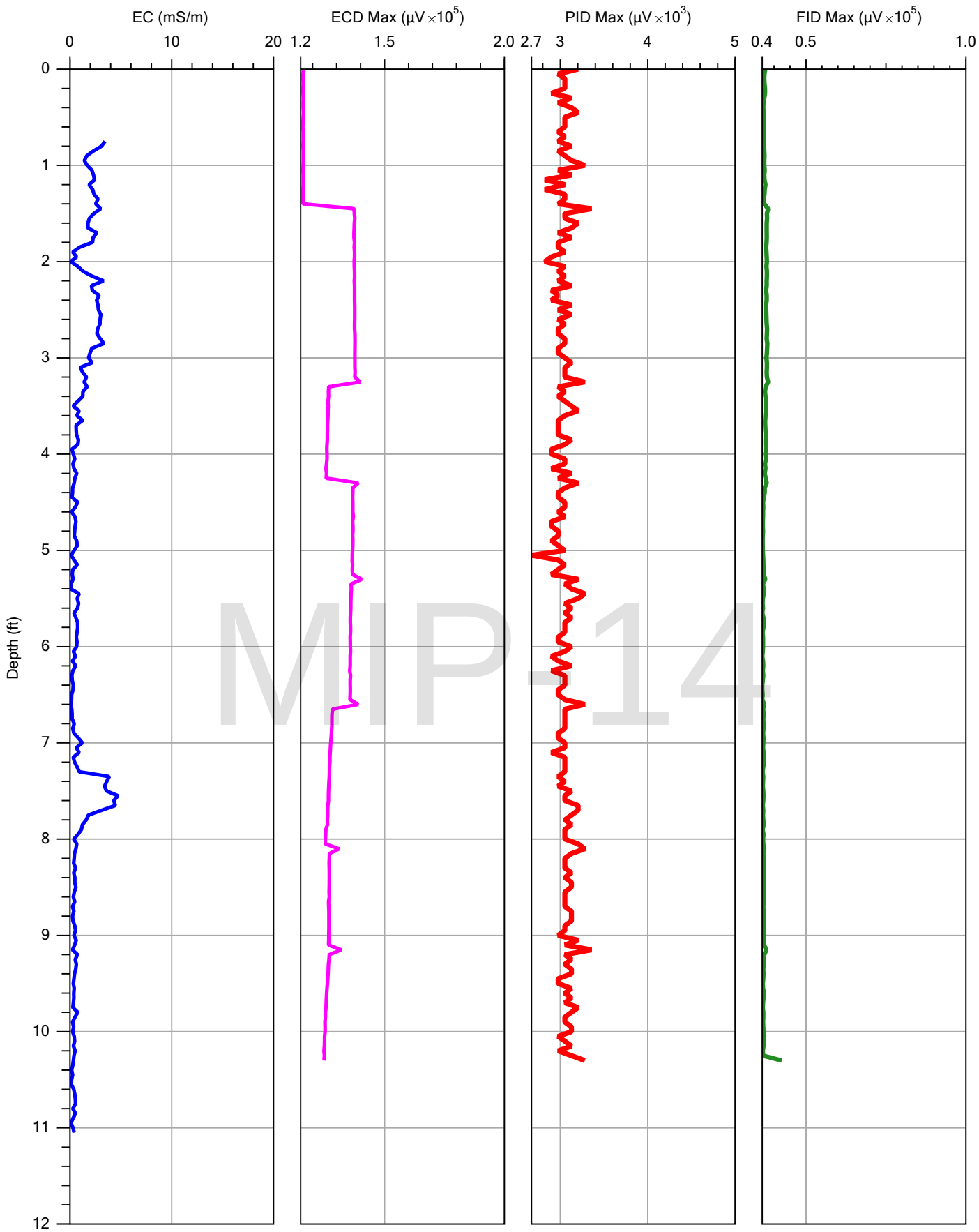
			File: MIP11.MIP
Company: zebra	Operator: mike		Date: 1/16/2014
Project ID: mip	Client: enviro		Location:



			File: MIP12.MIP
Company: ZEBRA		Operator: Mike	Date: 1/16/2014
Project ID: 23504		Client: Envirotrac	Location:



			File: MIP13.MIP
Company: ZEBRA		Operator: Mike	Date: 1/16/2014
Project ID: 23504		Client: Envirotrac	Location:

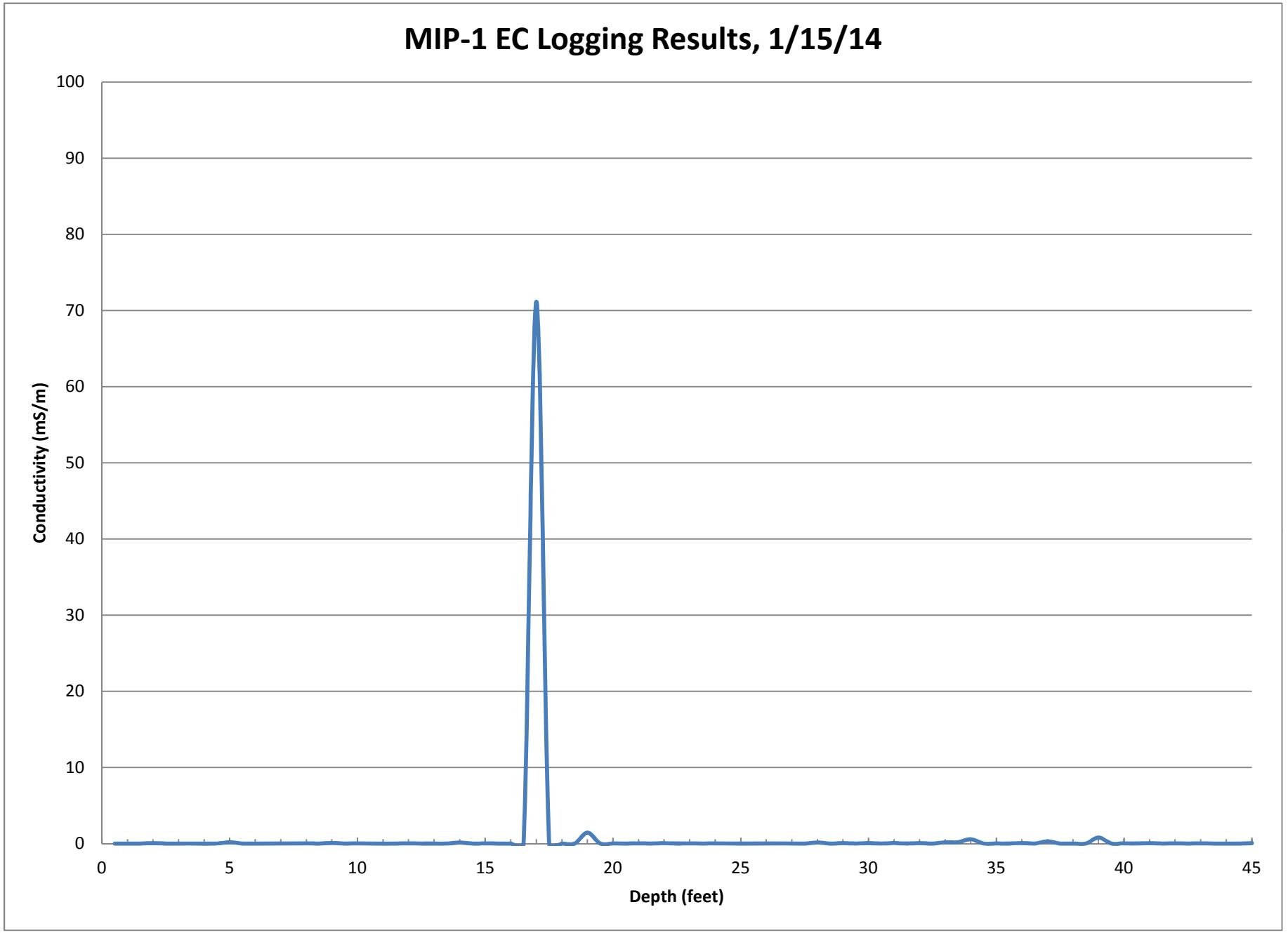


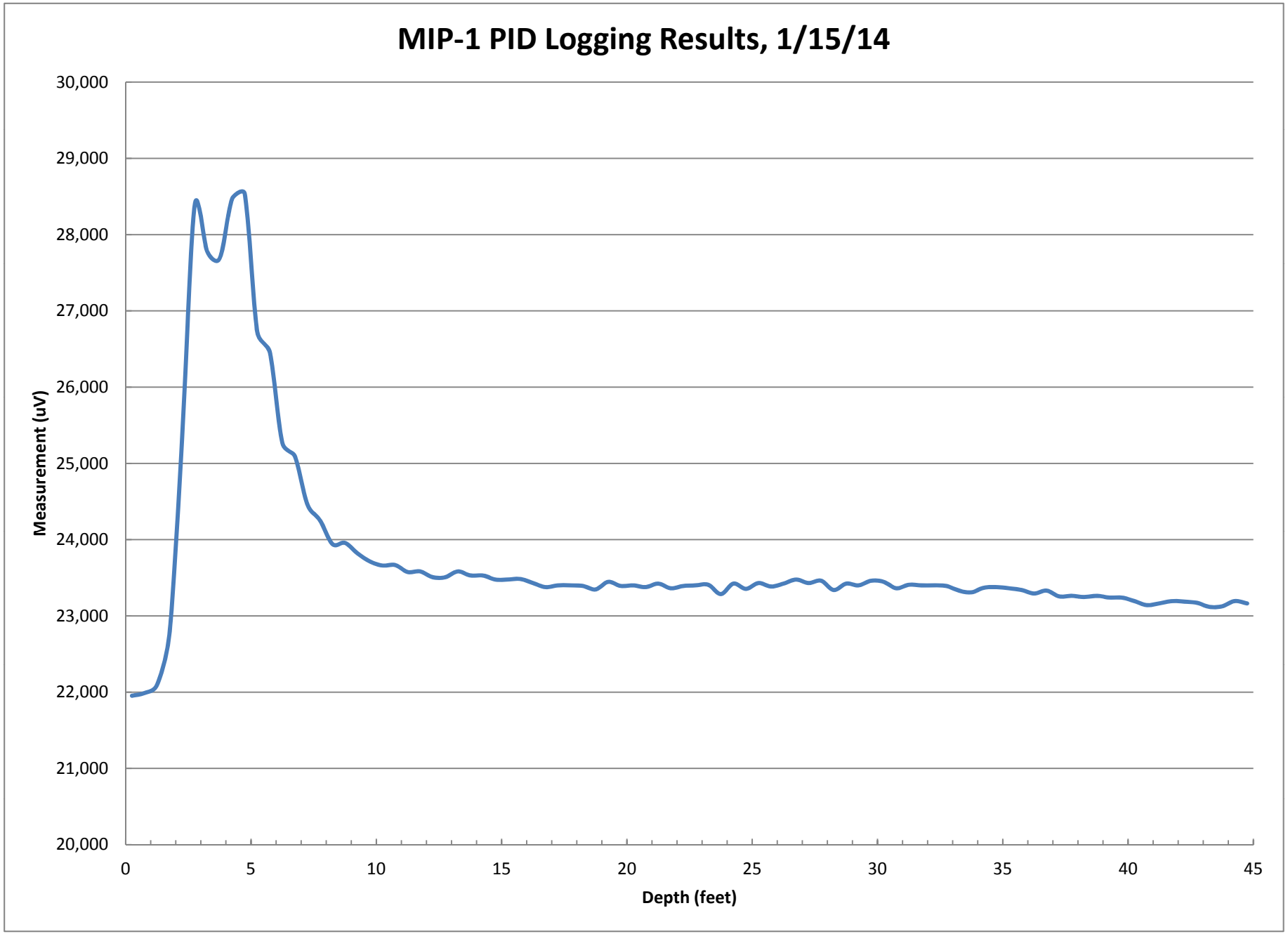
			File: MIP14.MIP
Company: ZEBRA		Operator: Mike	Date: 1/16/2014
Project ID: 23504		Client: Envirotrac	Location:

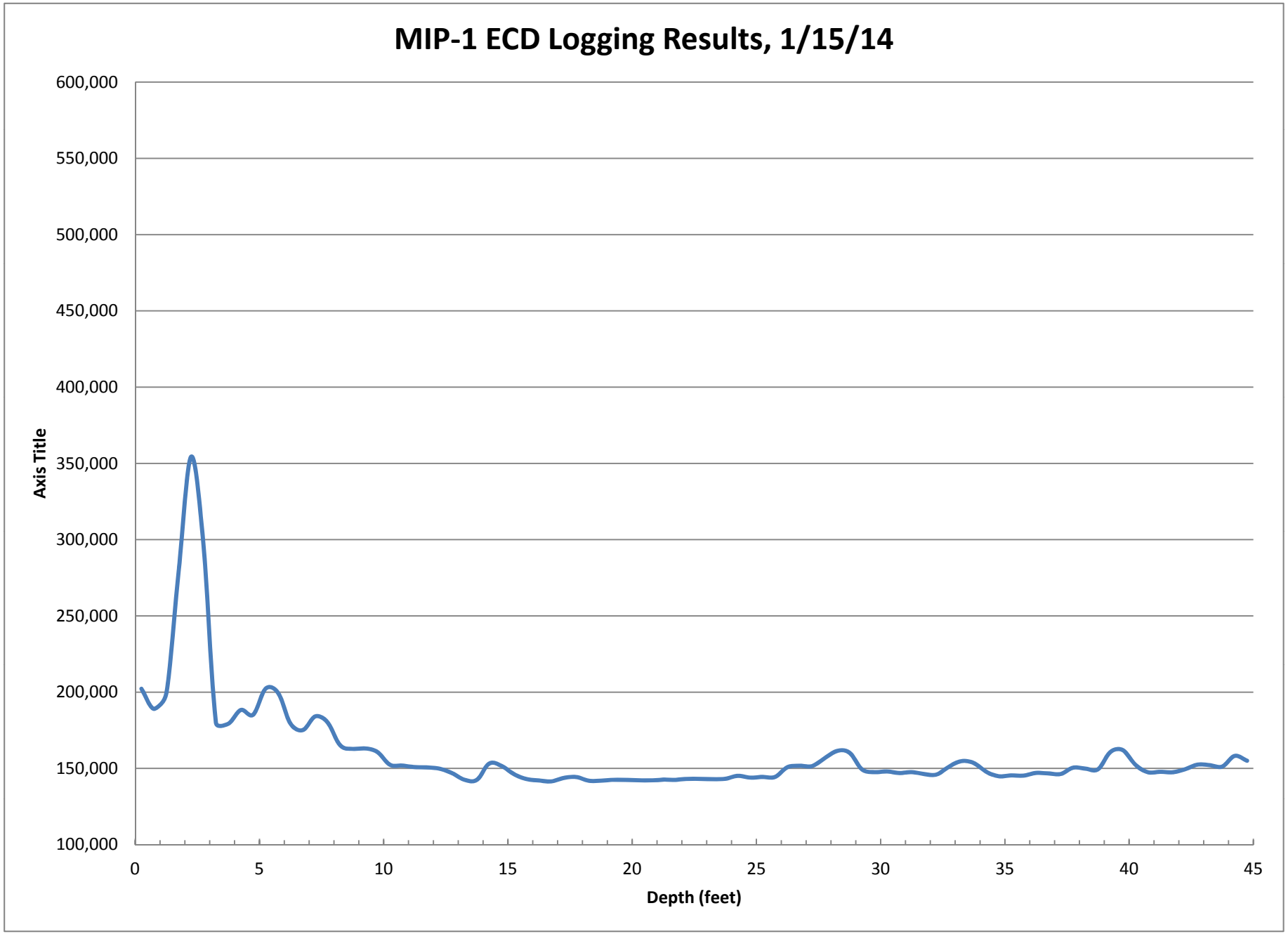
Attachment B

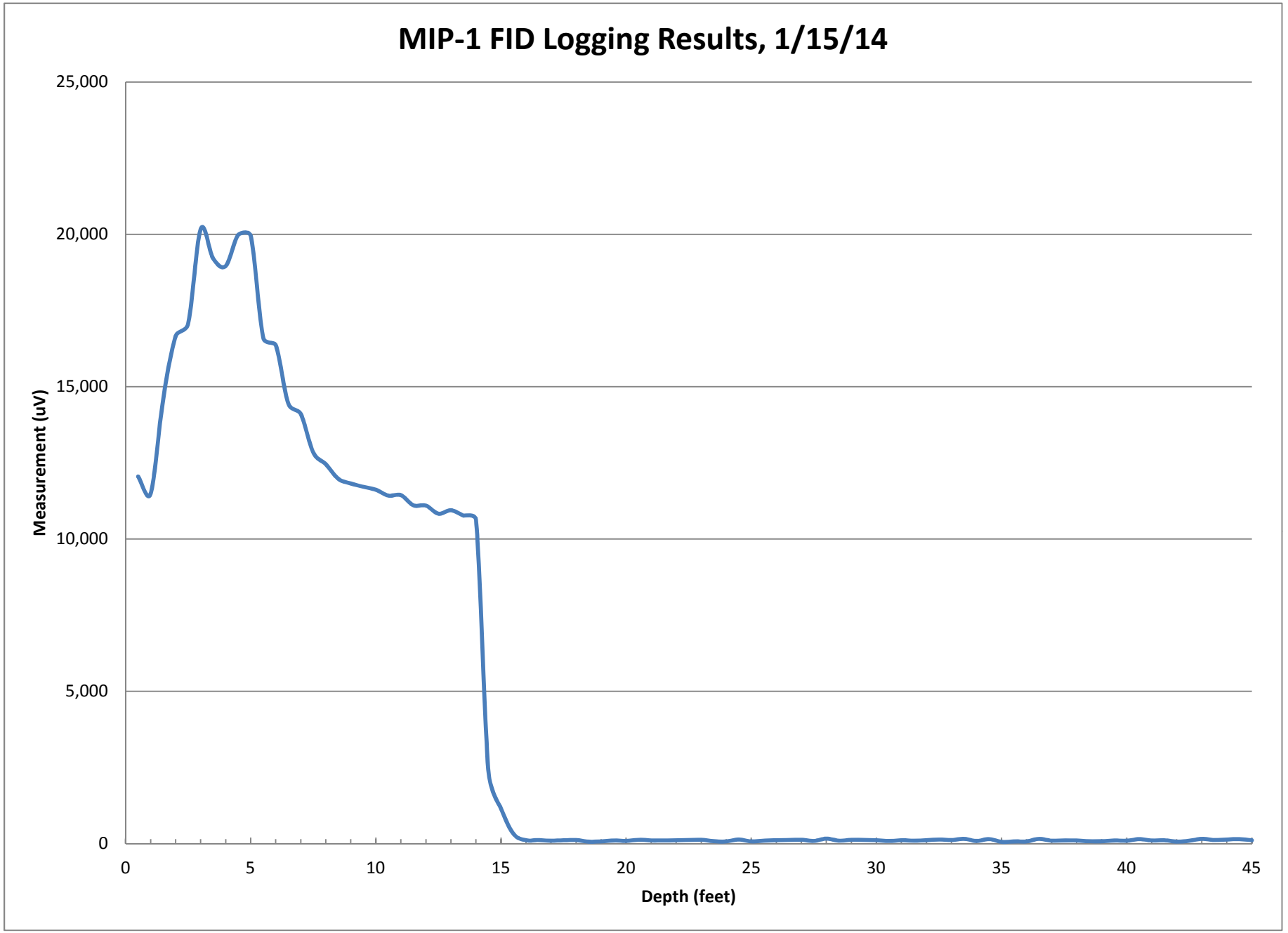
MIP-1 Testing Results

EnviroTrac


MIP-1 EC Logging Results, 1/15/14
Conductivity (mS/m)
100
90
80
70
60
50
40
30
20
10
0
0
5
10
15
20
25
30
35
40
45
Depth (feet)

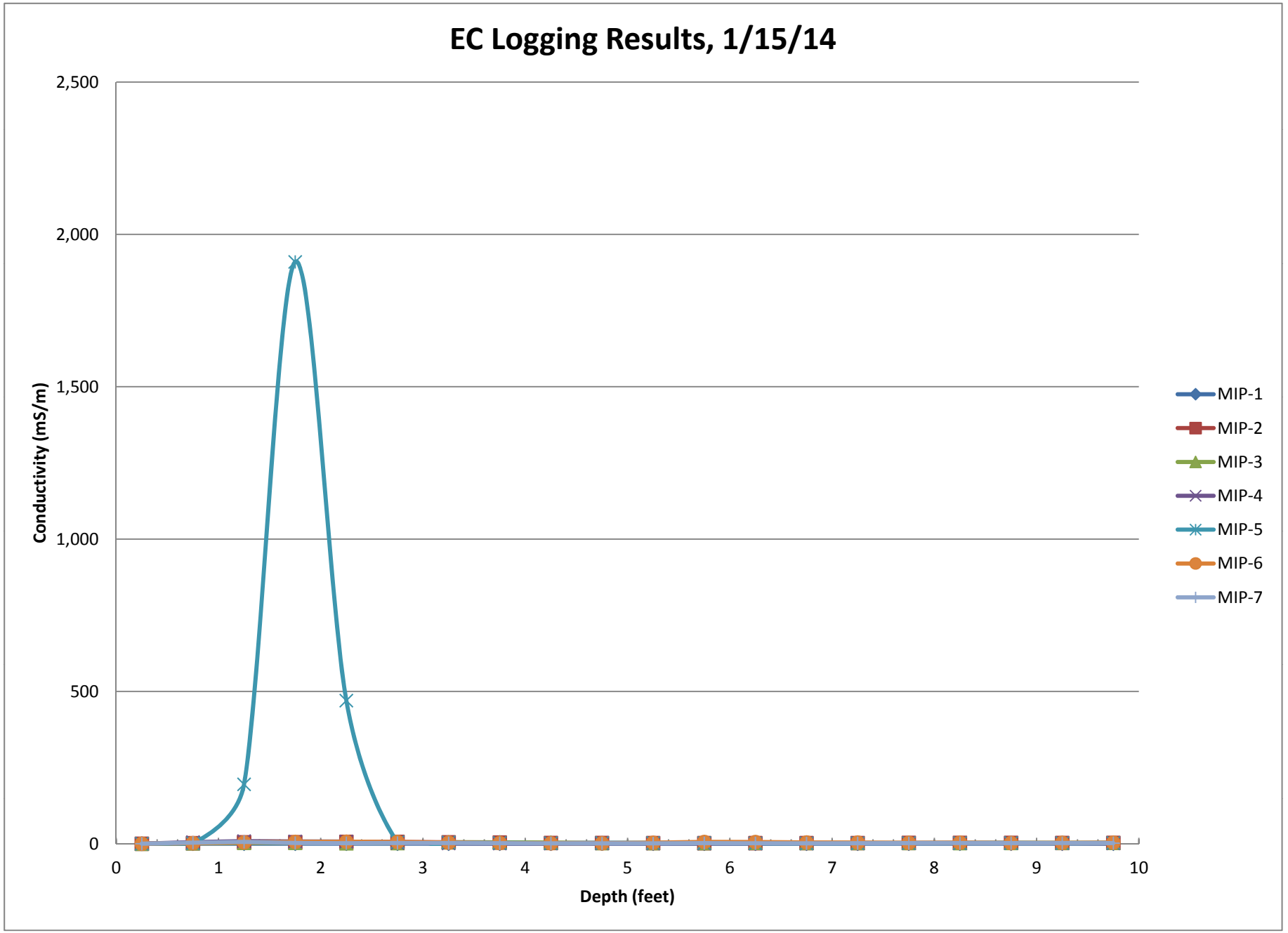

MIP-1 PID Logging Results, 1/15/14
30,000
29,000
28,000
27,000
26,000
25,000
24,000
23,000
22,000
21,000
20,000
Measurement (uV)
0
5
10
15
20
25
30
35
40
45
Depth (feet)

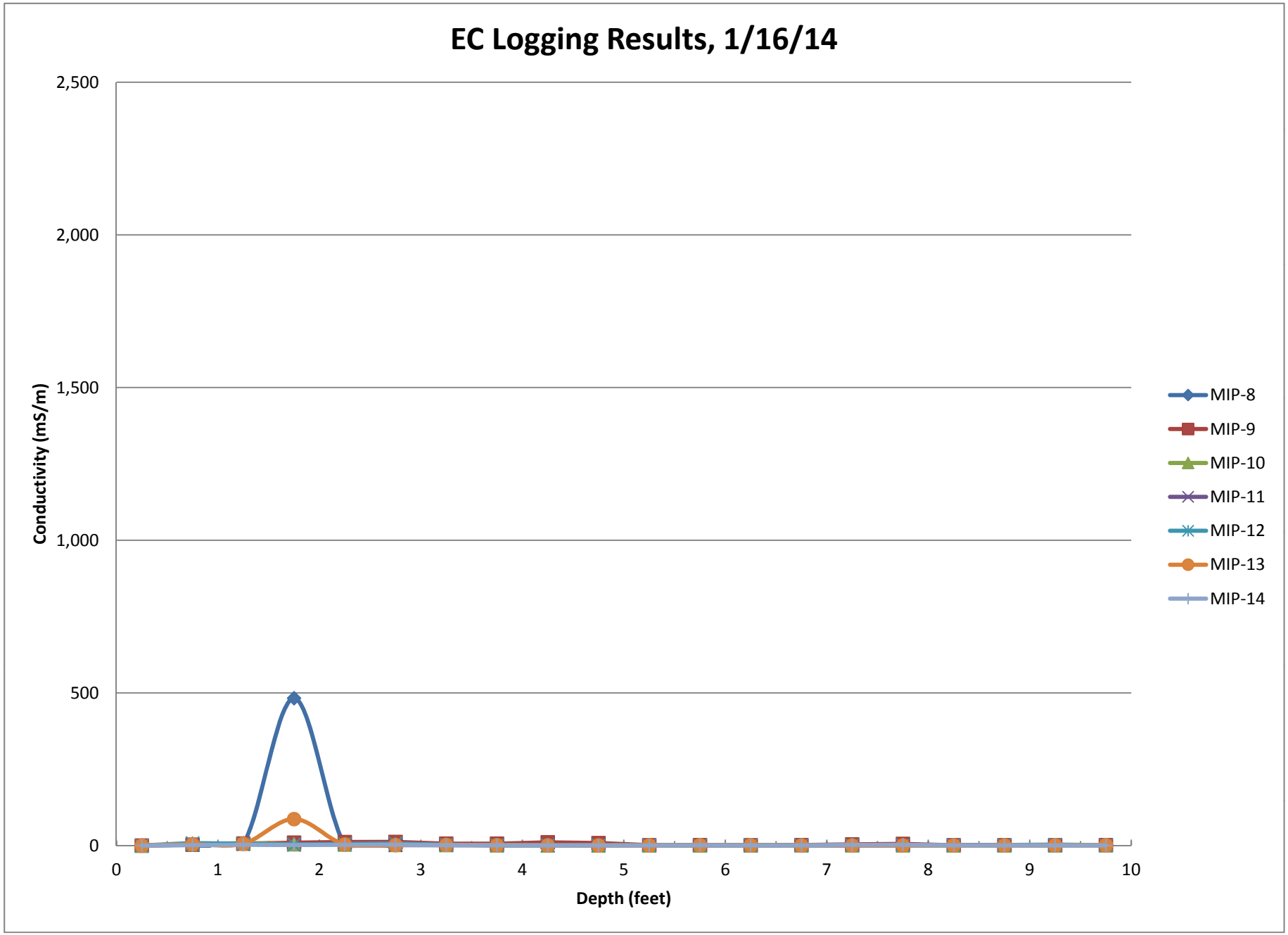

MIP-1 ECD Logging Results, 1/15/14
600,000
550,000
500,000
450,000
400,000
350,000
300,000
250,000
200,000
150,000
100,000
Axis Title
0
5
10
15
20
25
30
35
40
45
Depth (feet)


MIP-1 FID Logging Results, 1/15/14
25,000
20,000
15,000
10,000
5,000
0
Measurement (uV)
0
5
10
15
20
25
30
35
40
45
Depth (feet)

Attachment C

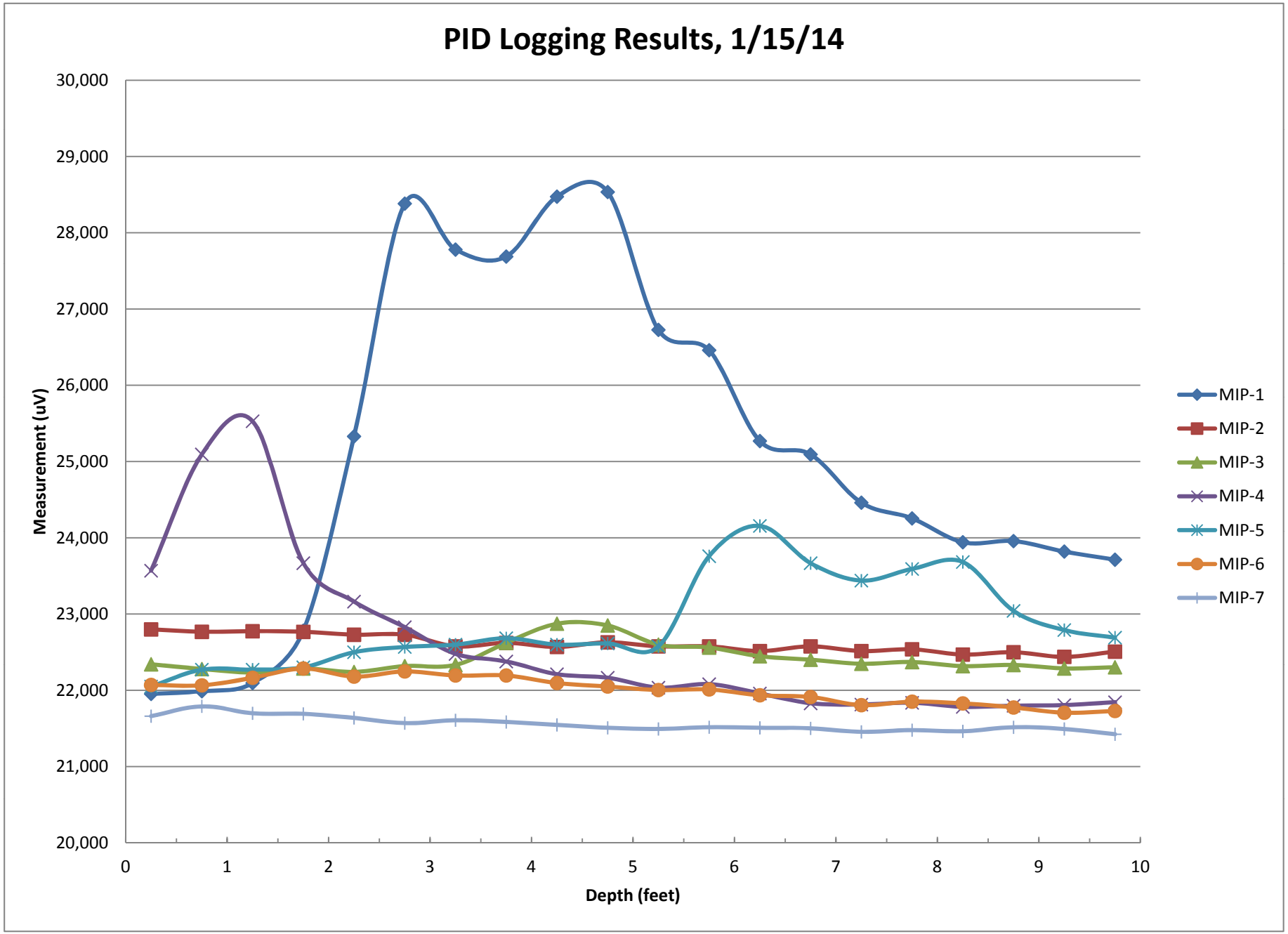
EC Sensor Results

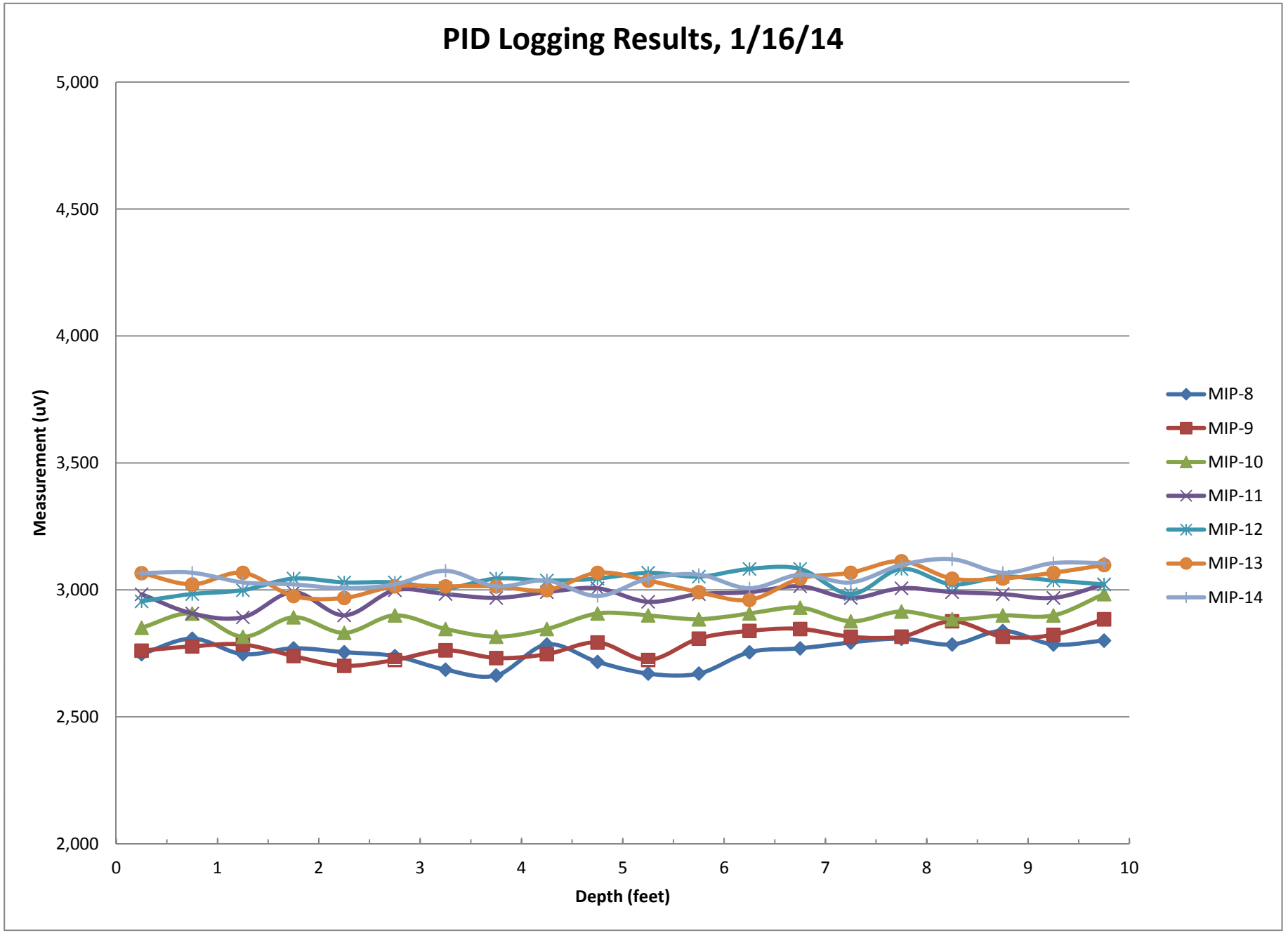

EC Logging Results, 1/15/14
2,500
2,000
1,500
1,000
500
0
Conductivity (mS/m)
0
1
2
3
4
5
6
7
8
9
10
Depth (feet)
MIP-1
MIP-2
MIP-3
MIP-4
MIP-5
MIP-6
MIP-7


EC Logging Results, 1/16/14
Conductivity (mS/m)
2,500
2,000
1,500
1,000
500
0
0
1
2
3
4
5
6
7
8
9
10
Depth (feet)
MIP-8
MIP-9
MIP-10
MIP-11
MIP-12
MIP-13
MIP-14

Attachment D

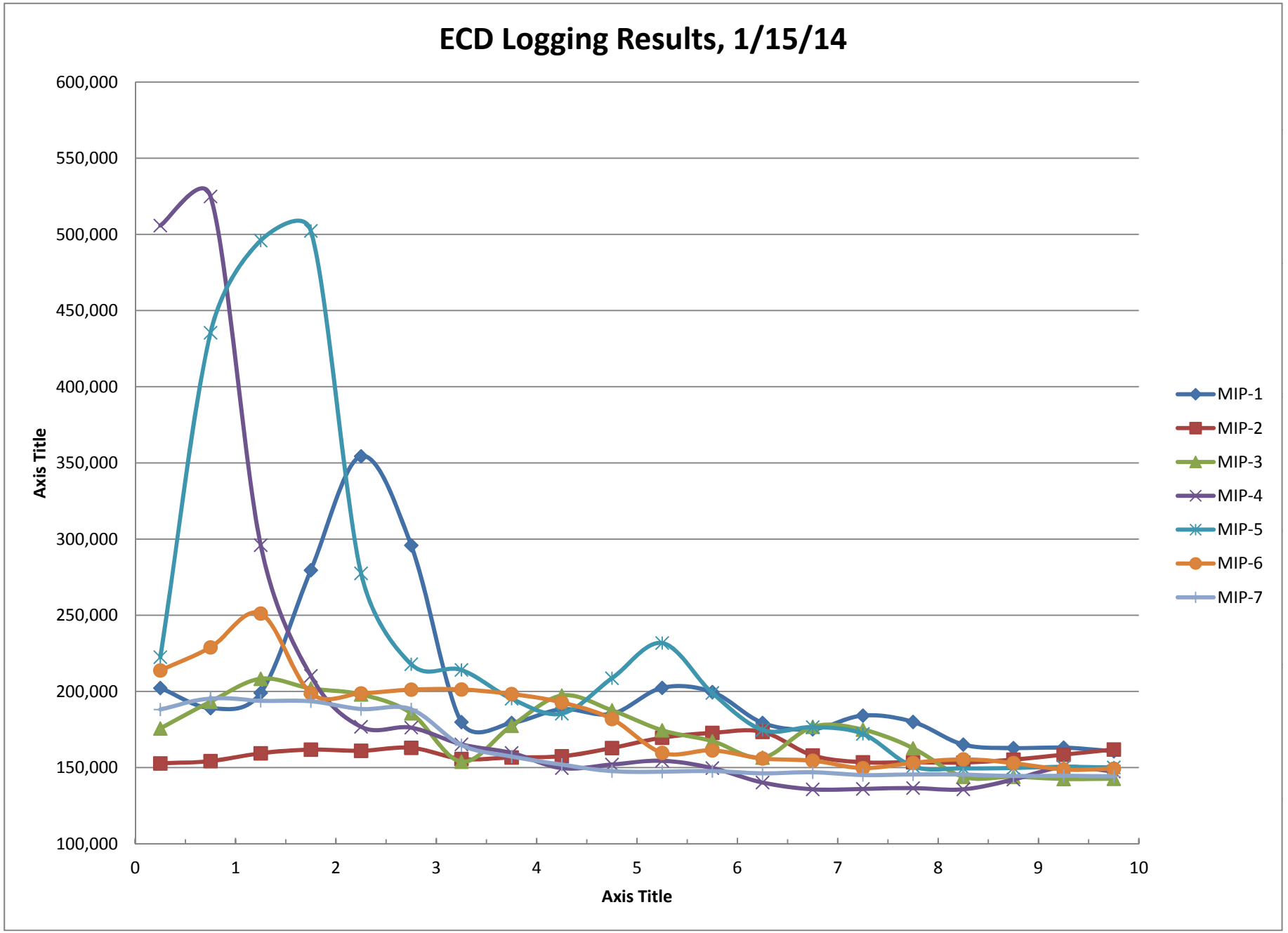
PID Sensor Results

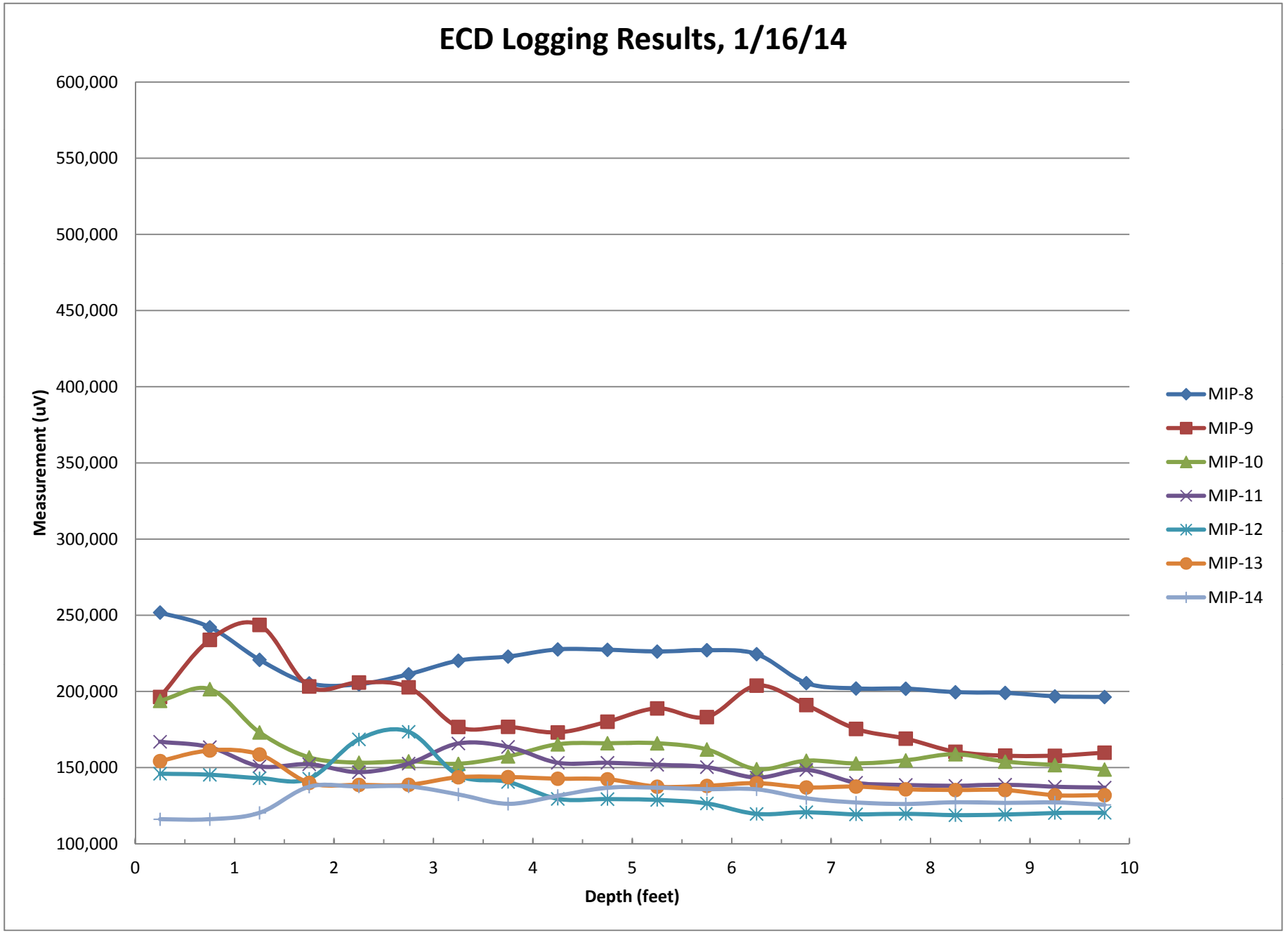

PID Logging Results, 1/15/14
30,000
29,000
28,000
27,000
26,000
25,000
24,000
23,000
22,000
21,000
20,000
Measurement (uV)
0
1
2
3
4
5
6
7
8
9
10
Depth (feet)
MIP-1
MIP-2
MIP-3
MIP-4
MIP-5
MIP-6
MIP-7


PID Logging Results, 1/16/14
5,000
4,500
4,000
3,500
3,000
2,500
2,000
Measurement (uV)
0
1
2
3
4
5
6
7
8
9
10
Depth (feet)
MIP-8
MIP-9
MIP-10
MIP-11
MIP-12
MIP-13
MIP-14

Attachment E

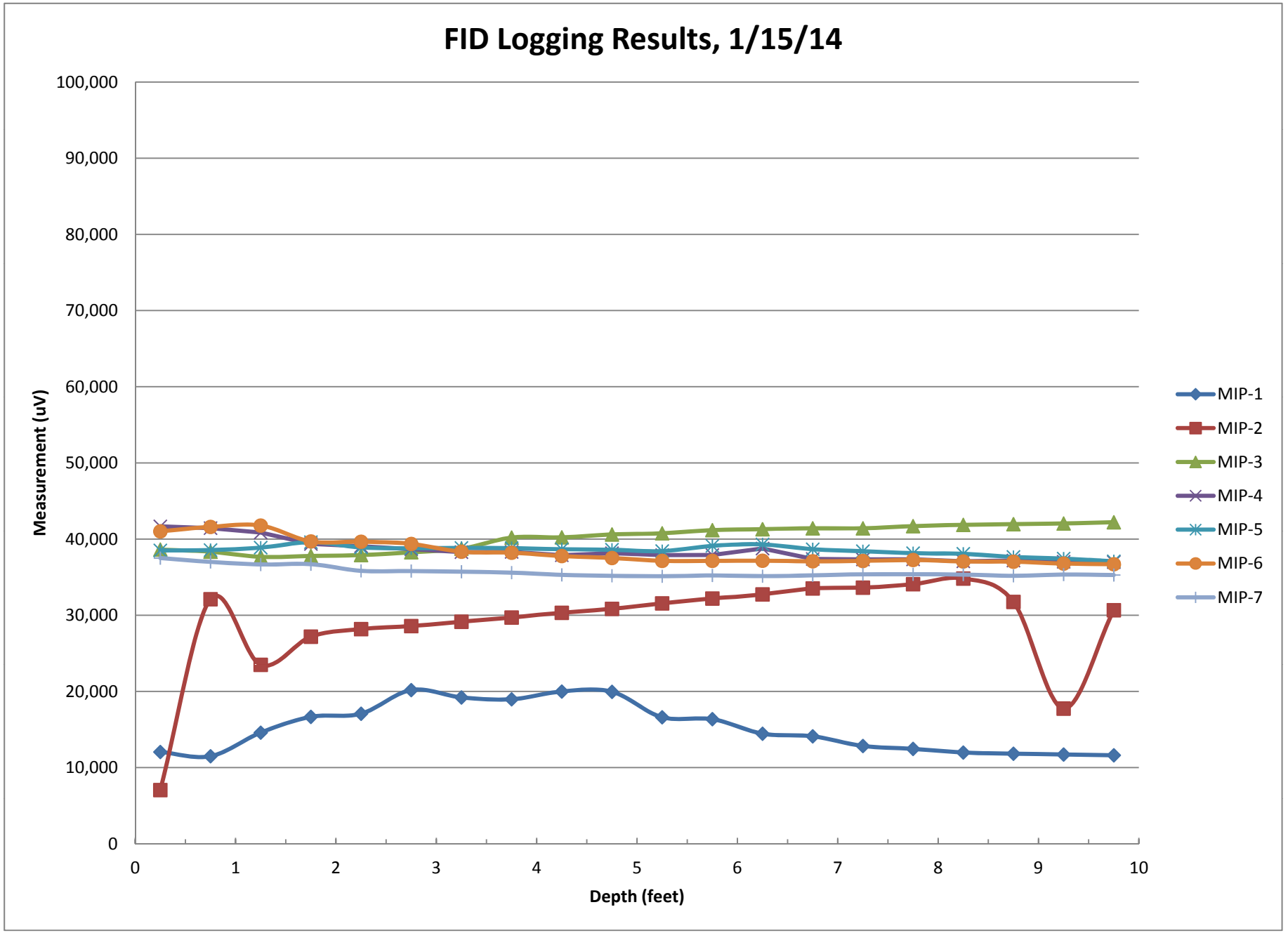
ECD Sensor Results

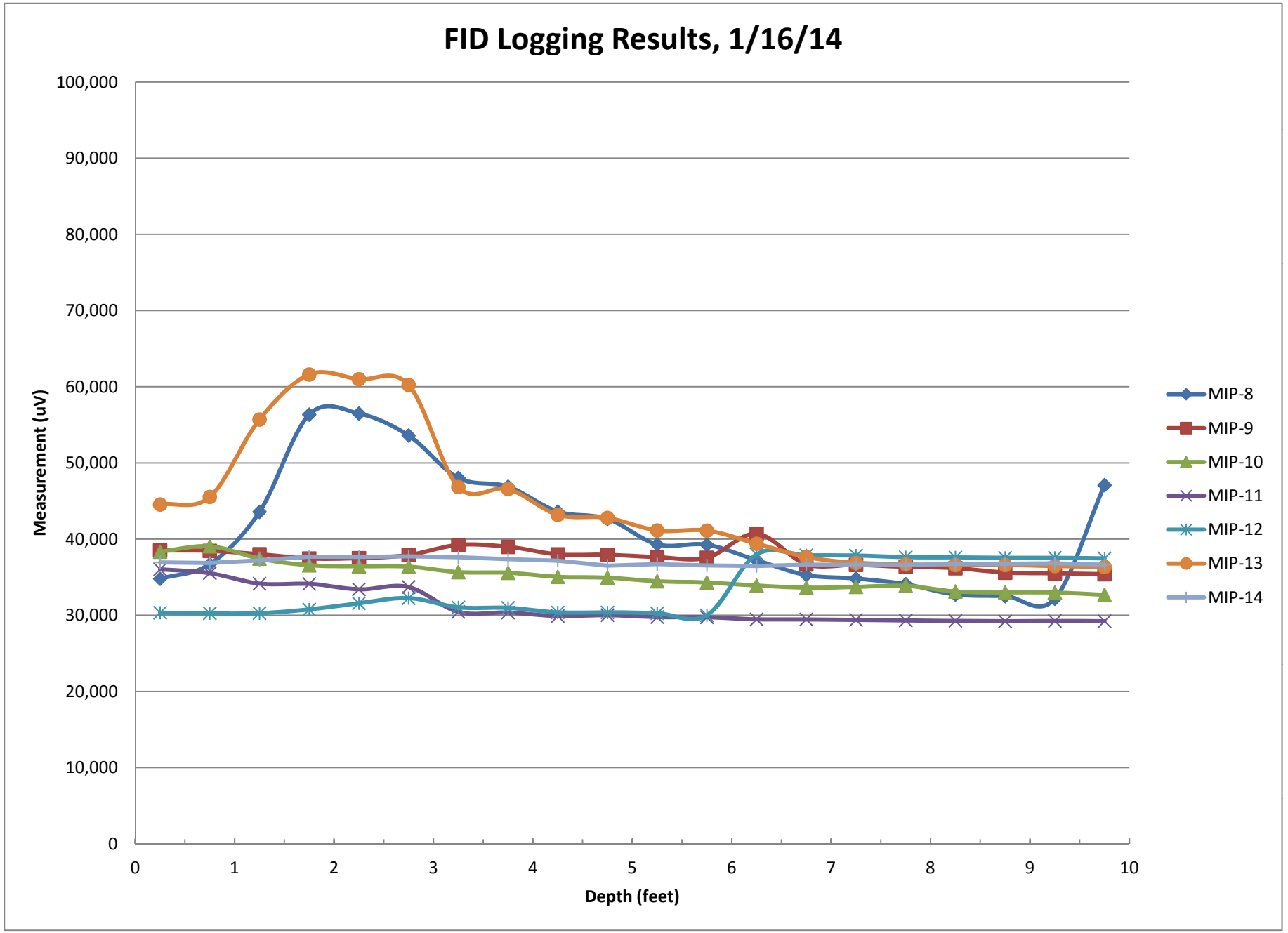

ECD Logging Results, 1/15/14
600,000
550,000
500,000
450,000
400,000
350,000
300,000
250,000
200,000
150,000
100,000
Axis Title
0
1
2
3
4
5
6
7
8
9
10
Axis Title
MIP-1
MIP-2
MIP-3
MIP-4
MIP-5
MIP-6
MIP-7


ECD Logging Results, 1/16/14
600,000
550,000
500,000
450,000
400,000
350,000
300,000
250,000
200,000
150,000
100,000
Measurement (uV)
0
1
2
3
4
5
6
7
8
9
10
Depth (feet)
MIP-8
MIP-9
MIP-10
MIP-11
MIP-12
MIP-13
MIP-14

Attachment F

FID Sensor Results


FID Logging Results, 1/15/14
Measurement (uV)
100,000
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
0
1
2
3
4
5
6
7
8
9
10
Depth (feet)
MIP-1
MIP-2
MIP-3
MIP-4
MIP-5
MIP-6
MIP-7


FID Logging Results, 1/16/14
100,000
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
Measurement (uV)
0
1
2
3
4
5
6
7
8
9
10
Depth (feet)
MIP-8
MIP-9
MIP-10
MIP-11
MIP-12
MIP-13
MIP-14

APPENDIX C

Photographic Log

Photographic Documentation – Parcel A Soil IRM
Soil Excavation, November 18-19, 2014

Former CAMCO Site
2125 Smithtown Avenue
Ronkonkoma, New York

1. IRM Area – Surface prior to excavation

3. Upwind Camp location

2. Upwind (background) and downwind CAMP locations

4. Downwind Camp location

EnviroTrac
Environmental Services

Photographic Documentation – Parcel A Soil IRM
Soil Excavation, November 18-19, 2014

Former CAMCO Site
2125 Smithtown Avenue
Ronkonkoma, New York

5. Excavation with dark material

7. Stockpile construction in progress

6. Staged dark material loading out to stockpile

8. Southeast corner excavation showing dark stained layer

EnviroTrac
Environmental Services

Photographic Documentation – Parcel A Soil IRM
Soil Excavation, November 18-19, 2014

Former CAMCO Site
2125 Smithtown Avenue
Ronkonkoma, New York

9. SE corner through dark stained layer

11. Excavation nearing completion of dark material removal

10. SE corner after removal of dark material

12. Secured stockpile

EnviroTrac
Environmental Services

Photographic Documentation – Parcel A Soil IRM
Soil Excavation, November 18-19, 2014

Former CAMCO Site
2125 Smithtown Avenue
Ronkonkoma, New York

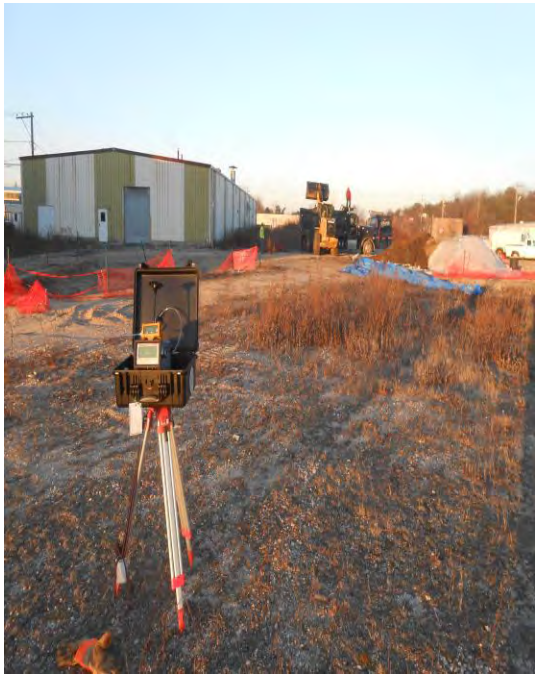
13. Secured excavation area

EnviroTrac
Environmental Services

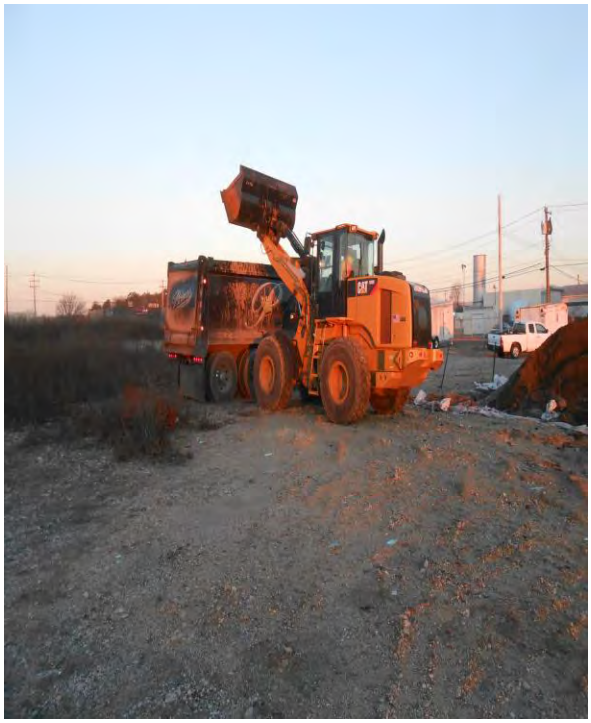
Photographic Documentation – Parcel A Soil IRM
Soil Loadout Day 1, January 23, 2015

Former CAMCO Site
2125 Smithtown Avenue
Ronkonkoma, New York

1. Stockpile With Top Tarp Removed



3. CAMP Monitoring



2. Truck Loading

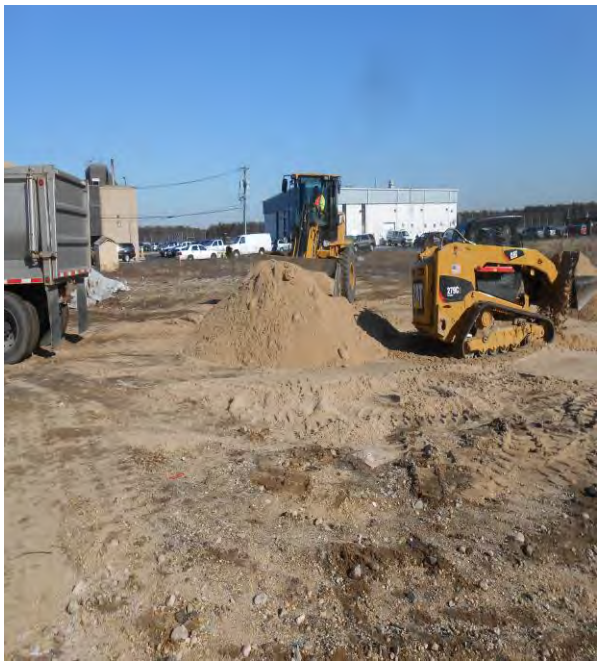
4. Remaining Stockpile at Completion of Soil Loadout Day 1

EnviroTrac
Environmental Services

Photographic Documentation – Parcel A Soil IRM
Backfilling Excavation, January 23, 2015

Former CAMCO Site
2125 Smithtown Avenue
Ronkonkoma, New York

1. Unloading Clean Fill



3. Backfilling the Excavation

2. Backfilling the Excavation

4. Backfilling Completed

EnviroTrac
Environmental Services

Photographic Documentation – Parcel A Soil IRM
Soil Loadout Day 2, March 20, 2015

Former CAMCO Site
2125 Smithtown Avenue
Ronkonkoma, New York

1. Stockpile Start of Soil Loadout Day 2

3. Loading Trucks

2. Uncovered Stockpile

4. Soil Loadout Complete

EnviroTrac
Environmental Services

APPENDIX D

Excavation Endpoint Sampling DUSR

EnviroTrac
Environmental Services

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
FORMER CAMCO SITE, RONKONKOMA, NEW YORK

Client: EnviroTrac Ltd., Yaphank, New York
SDG: L1428054
Laboratory: Alpha Analytical, Westborough, Massachusetts
Site: Former CAMCO, Ronkonkoma, New York
Date: January 9, 2015

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SIDEWALL 1	L1428054-01	Soil
1MS	SIDEWALL 1MS	L1428054-01MS	Soil
1MSD	SIDEWALL 1MSD	L1428054-01MSD	Soil
2	SIDEWALL 2	L1428054-02	Soil
3	SIDEWALL 3	L1428054-03	Soil
4	SIDEWALL 4	L1428054-04	Soil
5	SIDEWALL 5	L1428054-05	Soil
6	SIDEWALL 6	L1428054-06	Soil
7	SIDEWALL 7	L1428054-07	Soil
8	BOTTOM 1	L1428054-08	Soil
9	BOTTOM 2	L1428054-09	Soil

A Data Usability Summary Review was performed on the analytical data for nine soil samples collected November 19, 2014 by EnviroTrac at the Former CAMCO site in Ronkonkoma, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions"* and the *Standard Methods for the Examination of Water and Wastewater.*

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA SW-846 Method 8260C

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, October 2008: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the following deficiencies.

- Twenty compounds were qualified as estimated in one sample due to low and high matrix spike recoveries.
- Several compounds were qualified as estimated in all samples due to high continuing calibration %D values.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for soil samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier
1	Tetrachloroethene	66%/OK/OK	J/UJ
	1,2-Dichlorobenzene	243%/116%/OK	J
	1,3-Dichlorobenzene	60%/OK/OK	J/UJ
	1,4-Dichlorobenzene	OK/38%/OK	
	Vinyl acetate	44%/41%/OK	
	Bromobenzene	67%/OK/OK	
	n-Butylbenzene	64%/60%/OK	
	sec-Butylbenzene	57%/OK/OK	
	tert-Butylbenzene	60%/69%/OK	
	o-Chlorotoluene	64%/OK/OK	
	p-Chlorotoluene	61%/OK/OK	
	1,2-Dibromo-3-chloropropane	65%/OK/OK	
	Hexachlorobutadiene	28%/40%/OK	
	Isopropylbenzene	68%/OK/OK	
	p-Isopropyl toluene	65%/68%/OK	
	n-Propylbenzene	64%/OK/OK	
	1,2,3-Trichlorobenzene	41%/58%/OK	
	1,2,4-Trichlorobenzene	43%/58%/OK	
	1,4-Diethylbenzene	68%/OK/OK	
	trans-1,4-Dichloro-2-butene	67%/OK/OK	
	1,2,4-Trimethylbenzene	OK/OK/67	None for RPD Alone

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and/or correlation coefficients and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 20 percent deviation (%D) and/or RRF values <0.05 (<0.01 for poor performers) in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
11/24/14 (0740)	1,2-Dibromo-3-chloropropane	21%	J/UJ	2-5, 7
11/24/14 (0741)	Chloromethane	29%	J/UJ	6, 8, 9
	Carbon disulfide	32%	J/UJ	
	Acrylonitrile	28%	J/UJ	
	Vinyl acetate	21%	J/UJ	
	1,2-Dichloropropane	25%	J/UJ	
	1,2-Dibromo-3-chloropropane	25%	J/UJ	

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 1/12/15

Nancy Weaver
Senior Chemist

Data Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-01	Date Collected	: 11/19/14 09:35
Client ID	: SIDEWALL 1	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 14:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A19	Instrument ID	: VOA111.I
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	11	1.2	U
75-34-3	1,1-Dichloroethane	ND	1.7	0.10	U
67-66-3	Chloroform	ND	1.7	0.42	U
56-23-5	Carbon tetrachloride	ND	1.1	0.24	U
78-87-5	1,2-Dichloropropane	ND	4.0	0.26	U
124-48-1	Dibromochloromethane	ND	1.1	0.17	U
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.34	U
127-18-4	Tetrachloroethene	~~ND~~	1.1	0.16	~~U~~ UJ
108-90-7	Chlorobenzene	ND	1.1	0.40	U
75-69-4	Trichlorofluoromethane	ND	5.7	0.44	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	1.1	0.12	U
75-27-4	Bromodichloromethane	ND	1.1	0.20	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.14	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	0.13	U
542-75-6	1,3-Dichloropropene, Total	ND	1.1	0.13	U
563-58-6	1,1-Dichloropropene	ND	5.7	0.16	U
75-25-2	Bromoform	ND	4.5	0.27	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	0.11	U
71-43-2	Benzene	ND	1.1	0.13	U
108-88-3	Toluene	ND	1.7	0.22	U
100-41-4	Ethylbenzene	ND	1.1	0.14	U
74-87-3	Chloromethane	ND	5.7	0.33	U
74-83-9	Bromomethane	ND	2.3	0.38	U
75-01-4	Vinyl chloride	ND	2.3	0.13	U
75-00-3	Chloroethane	ND	2.3	0.36	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.30	U

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-01	Date Collected	: 11/19/14 09:35
Client ID	: SIDEWALL 1	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 14:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A19	Instrument ID	: VOA111.I
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.24	U
79-01-6	Trichloroethene	0.63	1.1	0.14	J
95-50-1	1,2-Dichlorobenzene	4.3	5.7	0.17	✗ J
541-73-1	1,3-Dichlorobenzene	~~ND~~	5.7	0.15	✗ UJ
106-46-7	1,4-Dichlorobenzene	0.70	5.7	0.16	✗ J
1634-04-4	Methyl tert butyl ether	ND	2.3	0.10	U
179601-23-1	p/m-Xylene	ND	2.3	0.22	U
95-47-6	o-Xylene	ND	2.3	0.20	U
1330-20-7	Xylene (Total)	ND	2.3	0.20	U
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.16	U
540-59-0	1,2-Dichloroethene (total)	ND	1.1	0.16	U
74-95-3	Dibromomethane	ND	11	0.18	U
100-42-5	Styrene	ND	2.3	0.46	U
75-71-8	Dichlorodifluoromethane	ND	11	0.22	U
67-64-1	Acetone	ND	11	1.2	U
75-15-0	Carbon disulfide	ND	11	1.2	U
78-93-3	2-Butanone	ND	11	0.31	U
108-05-4	Vinyl acetate	~~ND~~	11	0.15	✗ UJ
108-10-1	4-Methyl-2-pentanone	ND	11	0.28	U
96-18-4	1,2,3-Trichloropropane	ND	11	0.18	U
591-78-6	2-Hexanone	ND	11	0.76	U
74-97-5	Bromochloromethane	ND	5.7	0.31	U
594-20-7	2,2-Dichloropropane	ND	5.7	0.26	U
106-93-4	1,2-Dibromoethane	ND	4.5	0.20	U
142-28-9	1,3-Dichloropropane	ND	5.7	0.16	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.1	0.36	U
108-86-1	Bromobenzene	~~ND~~	5.7	0.24	✗ UJ

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-01	Date Collected	: 11/19/14 09:35
Client ID	: SIDEWALL 1	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 14:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A19	Instrument ID	: VOA111.I
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	~~ND~~	1.1	0.13	~~U~~ UJ
135-98-8	sec-Butylbenzene	~~ND~~	1.1	0.14	~~U~~ UJ
98-06-6	tert-Butylbenzene	~~ND~~	5.7	0.15	~~U~~ UJ
95-49-8	o-Chlorotoluene	~~ND~~	5.7	0.18	~~U~~ UJ
106-43-4	p-Chlorotoluene	~~ND~~	5.7	0.15	~~U~~ UJ
96-12-8	1,2-Dibromo-3-chloropropane	~~ND~~	5.7	0.45	~~U~~ UJ
87-68-3	Hexachlorobutadiene	~~ND~~	5.7	0.26	~~U~~ UJ
98-82-8	Isopropylbenzene	~~ND~~	1.1	0.12	~~U~~ UJ
99-87-6	p-Isopropyltoluene	~~ND~~	1.1	0.14	~~U~~ UJ
91-20-3	Naphthalene	0.43	5.7	0.16	J
107-13-1	Acrylonitrile	ND	11	0.58	U
103-65-1	n-Propylbenzene	~~ND~~	1.1	0.12	~~U~~ UJ
87-61-6	1,2,3-Trichlorobenzene	~~ND~~	5.7	0.17	~~U~~ UJ
120-82-1	1,2,4-Trichlorobenzene	~~ND~~	5.7	0.21	~~U~~ UJ
108-67-8	1,3,5-Trimethylbenzene	0.86	5.7	0.16	J
95-63-6	1,2,4-Trimethylbenzene	1.3	5.7	0.16	J
123-91-1	1,4-Dioxane	ND	110	16.	U
105-05-5	1,4-Diethylbenzene	0.97	4.5	0.18	~~U~~ J
622-96-8	4-Ethyltoluene	0.75	4.5	0.14	J
95-93-2	1,2,4,5-Tetramethylbenzene	0.30	4.5	0.15	J
60-29-7	Ethyl ether	ND	5.7	0.30	U
110-57-6	trans-1,4-Dichloro-2-butene	~~ND~~	5.7	0.44	~~U~~ UJ

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-02	Date Collected	: 11/19/14 10:10
Client ID	: SIDEWALL 2	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 16:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A22	Instrument ID	: VOA111.I
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	13	1.4	U
75-34-3	1,1-Dichloroethane	ND	1.9	0.11	U
67-66-3	Chloroform	ND	1.9	0.48	U
56-23-5	Carbon tetrachloride	ND	1.3	0.27	U
78-87-5	1,2-Dichloropropane	ND	4.5	0.29	U
124-48-1	Dibromochloromethane	ND	1.3	0.20	U
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.39	U
127-18-4	Tetrachloroethene	0.69	1.3	0.18	J
108-90-7	Chlorobenzene	ND	1.3	0.45	U
75-69-4	Trichlorofluoromethane	ND	6.4	0.50	U
107-06-2	1,2-Dichloroethane	ND	1.3	0.14	U
71-55-6	1,1,1-Trichloroethane	ND	1.3	0.14	U
75-27-4	Bromodichloromethane	ND	1.3	0.22	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.3	0.15	U
542-75-6	1,3-Dichloropropene, Total	ND	1.3	0.15	U
563-58-6	1,1-Dichloropropene	ND	6.4	0.18	U
75-25-2	Bromoform	ND	5.1	0.30	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.3	0.13	U
71-43-2	Benzene	ND	1.3	0.15	U
108-88-3	Toluene	0.29	1.9	0.25	J
100-41-4	Ethylbenzene	ND	1.3	0.16	U
74-87-3	Chloromethane	ND	6.4	0.38	U
74-83-9	Bromomethane	ND	2.6	0.43	U
75-01-4	Vinyl chloride	ND	2.6	0.15	U
75-00-3	Chloroethane	ND	2.6	0.40	U
75-35-4	1,1-Dichloroethene	ND	1.3	0.34	U

MW 11/9/15

Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-02	Date Collected	: 11/19/14 10:10
Client ID	: SIDEWALL 2	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 16:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A22	Instrument ID	: VOA111.I
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.27	U
79-01-6	Trichloroethene	ND	1.3	0.16	U
95-50-1	1,2-Dichlorobenzene	0.36	6.4	0.20	J
541-73-1	1,3-Dichlorobenzene	ND	6.4	0.17	U
106-46-7	1,4-Dichlorobenzene	ND	6.4	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.6	0.11	U
179601-23-1	p/m-Xylene	ND	2.6	0.25	U
95-47-6	o-Xylene	ND	2.6	0.22	U
1330-20-7	Xylene (Total)	ND	2.6	0.22	U
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.18	U
540-59-0	1,2-Dichloroethene (total)	ND	1.3	0.18	U
74-95-3	Dibromomethane	ND	13	0.21	U
100-42-5	Styrene	ND	2.6	0.52	U
75-71-8	Dichlorodifluoromethane	ND	13	0.24	U
67-64-1	Acetone	ND	13	1.3	U
75-15-0	Carbon disulfide	ND	13	1.4	U
78-93-3	2-Butanone	ND	13	0.35	U
108-05-4	Vinyl acetate	ND	13	0.17	U
108-10-1	4-Methyl-2-pentanone	ND	13	0.31	U
96-18-4	1,2,3-Trichloropropane	ND	13	0.21	U
591-78-6	2-Hexanone	ND	13	0.86	U
74-97-5	Bromochloromethane	ND	6.4	0.35	U
594-20-7	2,2-Dichloropropane	ND	6.4	0.29	U
106-93-4	1,2-Dibromoethane	ND	5.1	0.22	U
142-28-9	1,3-Dichloropropane	ND	6.4	0.19	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.3	0.41	U
108-86-1	Bromobenzene	ND	6.4	0.27	U

MJ 11/9/15

Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-02	Date Collected	: 11/19/14 10:10
Client ID	: SIDEWALL 2	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 16:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A22	Instrument ID	: VOA111.I
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.3	0.15	U
135-98-8	sec-Butylbenzene	ND	1.3	0.16	U
98-06-6	tert-Butylbenzene	ND	6.4	0.17	U
95-49-8	o-Chlorotoluene	ND	6.4	0.20	U
106-43-4	p-Chlorotoluene	ND	6.4	0.17	U
96-12-8	1,2-Dibromo-3-chloropropane	~~ND~~	6.4	0.51	~~U~~ UJ
87-68-3	Hexachlorobutadiene	ND	6.4	0.29	U
98-82-8	Isopropylbenzene	ND	1.3	0.13	U
99-87-6	p-Isopropyltoluene	ND	1.3	0.16	U
91-20-3	Naphthalene	0.37	6.4	0.18	J
107-13-1	Acrylonitrile	ND	13	0.66	U
103-65-1	n-Propylbenzene	ND	1.3	0.14	U
87-61-6	1,2,3-Trichlorobenzene	ND	6.4	0.19	U
120-82-1	1,2,4-Trichlorobenzene	ND	6.4	0.23	U
108-67-8	1,3,5-Trimethylbenzene	0.65	6.4	0.18	J
95-63-6	1,2,4-Trimethylbenzene	0.96	6.4	0.18	J
123-91-1	1,4-Dioxane	ND	130	18.	U
105-05-5	1,4-Diethylbenzene	1.3	5.1	0.20	J
622-96-8	4-Ethyltoluene	0.42	5.1	0.16	J
95-93-2	1,2,4,5-Tetramethylbenzene	0.30	5.1	0.17	J
60-29-7	Ethyl ether	ND	6.4	0.33	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	6.4	0.50	U

MW 1/9/15

Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-03	Date Collected	: 11/19/14 10:35
Client ID	: SIDEWALL 3	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 16:30
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A23	Instrument ID	: VOA111.I
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 90
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	9.8	1.1	U
75-34-3	1,1-Dichloroethane	ND	1.5	0.08	U
67-66-3	Chloroform	ND	1.5	0.36	U
56-23-5	Carbon tetrachloride	ND	0.98	0.20	U
78-87-5	1,2-Dichloropropane	ND	3.4	0.22	U
124-48-1	Dibromochloromethane	ND	0.98	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.30	U
127-18-4	Tetrachloroethene	ND	0.98	0.14	U
108-90-7	Chlorobenzene	ND	0.98	0.34	U
75-69-4	Trichlorofluoromethane	ND	4.9	0.38	U
107-06-2	1,2-Dichloroethane	ND	0.98	0.11	U
71-55-6	1,1,1-Trichloroethane	ND	0.98	0.11	U
75-27-4	Bromodichloromethane	ND	0.98	0.17	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.98	0.12	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.98	0.11	U
542-75-6	1,3-Dichloropropene, Total	ND	0.98	0.11	U
563-58-6	1,1-Dichloropropene	ND	4.9	0.14	U
75-25-2	Bromoform	ND	3.9	0.23	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.98	0.10	U
71-43-2	Benzene	ND	0.98	0.12	U
108-88-3	Toluene	ND	1.5	0.19	U
100-41-4	Ethylbenzene	ND	0.98	0.12	U
74-87-3	Chloromethane	ND	4.9	0.29	U
74-83-9	Bromomethane	ND	2.0	0.33	U
75-01-4	Vinyl chloride	ND	2.0	0.11	U
75-00-3	Chloroethane	ND	2.0	0.31	U
75-35-4	1,1-Dichloroethene	ND	0.98	0.26	U

MW 1/9/15

Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-03	Date Collected	: 11/19/14 10:35
Client ID	: SIDEWALL 3	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 16:30
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A23	Instrument ID	: VOA111.I
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 90
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.21	U
79-01-6	Trichloroethene	0.32	0.98	0.12	J
95-50-1	1,2-Dichlorobenzene	0.21	4.9	0.15	J
541-73-1	1,3-Dichlorobenzene	0.72	4.9	0.13	J
106-46-7	1,4-Dichlorobenzene	0.32	4.9	0.14	J
1634-04-4	Methyl tert butyl ether	ND	2.0	0.08	U
179601-23-1	p/m-Xylene	ND	2.0	0.19	U
95-47-6	o-Xylene	ND	2.0	0.17	U
1330-20-7	Xylene (Total)	ND	2.0	0.17	U
156-59-2	cis-1,2-Dichloroethene	ND	0.98	0.14	U
540-59-0	1,2-Dichloroethene (total)	ND	0.98	0.14	U
74-95-3	Dibromomethane	ND	9.8	0.16	U
100-42-5	Styrene	ND	2.0	0.39	U
75-71-8	Dichlorodifluoromethane	ND	9.8	0.19	U
67-64-1	Acetone	31	9.8	1.0	
75-15-0	Carbon disulfide	ND	9.8	1.1	U
78-93-3	2-Butanone	0.35	9.8	0.26	J
108-05-4	Vinyl acetate	ND	9.8	0.13	U
108-10-1	4-Methyl-2-pentanone	ND	9.8	0.24	U
96-18-4	1,2,3-Trichloropropane	ND	9.8	0.16	U
591-78-6	2-Hexanone	ND	9.8	0.65	U
74-97-5	Bromochloromethane	ND	4.9	0.27	U
594-20-7	2,2-Dichloropropane	ND	4.9	0.22	U
106-93-4	1,2-Dibromoethane	ND	3.9	0.17	U
142-28-9	1,3-Dichloropropane	ND	4.9	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.98	0.31	U
108-86-1	Bromobenzene	ND	4.9	0.20	U

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-03	Date Collected	: 11/19/14 10:35
Client ID	: SIDEWALL 3	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 16:30
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A23	Instrument ID	: VOA111.I
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 90
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	0.98	0.11	U
135-98-8	sec-Butylbenzene	ND	0.98	0.12	U
98-06-6	tert-Butylbenzene	ND	4.9	0.13	U
95-49-8	o-Chlorotoluene	ND	4.9	0.16	U
106-43-4	p-Chlorotoluene	ND	4.9	0.13	U
96-12-8	1,2-Dibromo-3-chloropropane	~~ND~~	4.9	0.39	~~U~~ UJ
87-68-3	Hexachlorobutadiene	ND	4.9	0.22	U
98-82-8	Isopropylbenzene	ND	0.98	0.10	U
99-87-6	p-Isopropyltoluene	ND	0.98	0.12	U
91-20-3	Naphthalene	ND	4.9	0.14	U
107-13-1	Acrylonitrile	ND	9.8	0.50	U
103-65-1	n-Propylbenzene	ND	0.98	0.11	U
87-61-6	1,2,3-Trichlorobenzene	ND	4.9	0.14	U
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.18	U
108-67-8	1,3,5-Trimethylbenzene	ND	4.9	0.14	U
95-63-6	1,2,4-Trimethylbenzene	ND	4.9	0.14	U
123-91-1	1,4-Dioxane	ND	98	14.	U
105-05-5	1,4-Diethylbenzene	ND	3.9	0.16	U
622-96-8	4-Ethyltoluene	ND	3.9	0.12	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	3.9	0.13	U
60-29-7	Ethyl ether	ND	4.9	0.25	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.9	0.38	U

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-04	Date Collected	: 11/19/14 10:55
Client ID	: SIDEWALL 4	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 16:56
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A24	Instrument ID	: VOA111.I
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 90
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	10	1.2	U
75-34-3	1,1-Dichloroethane	ND	1.6	0.09	U
67-66-3	Chloroform	ND	1.6	0.39	U
56-23-5	Carbon tetrachloride	ND	1.0	0.22	U
78-87-5	1,2-Dichloropropane	ND	3.7	0.24	U
124-48-1	Dibromochloromethane	ND	1.0	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.32	U
127-18-4	Tetrachloroethene	0.72	1.0	0.15	J
108-90-7	Chlorobenzene	ND	1.0	0.36	U
75-69-4	Trichlorofluoromethane	ND	5.2	0.41	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.12	U
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.12	U
75-27-4	Bromodichloromethane	ND	1.0	0.18	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.13	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.12	U
542-75-6	1,3-Dichloropropene, Total	ND	1.0	0.12	U
563-58-6	1,1-Dichloropropene	ND	5.2	0.15	U
75-25-2	Bromoform	ND	4.2	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.10	U
71-43-2	Benzene	ND	1.0	0.12	U
108-88-3	Toluene	ND	1.6	0.20	U
100-41-4	Ethylbenzene	ND	1.0	0.13	U
74-87-3	Chloromethane	ND	5.2	0.31	U
74-83-9	Bromomethane	ND	2.1	0.35	U
75-01-4	Vinyl chloride	ND	2.1	0.12	U
75-00-3	Chloroethane	ND	2.1	0.33	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.27	U

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-04	Date Collected	: 11/19/14 10:55
Client ID	: SIDEWALL 4	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 16:56
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A24	Instrument ID	: VOA111.I
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 90
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.22	U
79-01-6	Trichloroethene	1.5	1.0	0.13	
95-50-1	1,2-Dichlorobenzene	1.2	5.2	0.16	J
541-73-1	1,3-Dichlorobenzene	ND	5.2	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	5.2	0.14	U
1634-04-4	Methyl tert butyl ether	ND	2.1	0.09	U
179601-23-1	p/m-Xylene	ND	2.1	0.21	U
95-47-6	o-Xylene	ND	2.1	0.18	U
1330-20-7	Xylene (Total)	ND	2.1	0.18	U
156-59-2	cis-1,2-Dichloroethene	0.28	1.0	0.15	J
540-59-0	1,2-Dichloroethene (total)	0.28	1.0	0.15	J
74-95-3	Dibromomethane	ND	10	0.17	U
100-42-5	Styrene	ND	2.1	0.42	U
75-71-8	Dichlorodifluoromethane	ND	10	0.20	U
67-64-1	Acetone	ND	10	1.1	U
75-15-0	Carbon disulfide	ND	10	1.2	U
78-93-3	2-Butanone	ND	10	0.28	U
108-05-4	Vinyl acetate	ND	10	0.14	U
108-10-1	4-Methyl-2-pentanone	ND	10	0.26	U
96-18-4	1,2,3-Trichloropropane	ND	10	0.17	U
591-78-6	2-Hexanone	ND	10	0.70	U
74-97-5	Bromochloromethane	ND	5.2	0.29	U
594-20-7	2,2-Dichloropropane	ND	5.2	0.24	U
106-93-4	1,2-Dibromoethane	ND	4.2	0.18	U
142-28-9	1,3-Dichloropropane	ND	5.2	0.15	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.33	U
108-86-1	Bromobenzene	ND	5.2	0.22	U

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-04	Date Collected	: 11/19/14 10:55
Client ID	: SIDEWALL 4	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 16:56
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A24	Instrument ID	: VOA111.I
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 90
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.0	0.12	U
135-98-8	sec-Butylbenzene	ND	1.0	0.13	U
98-06-6	tert-Butylbenzene	ND	5.2	0.14	U
95-49-8	o-Chlorotoluene	ND	5.2	0.17	U
106-43-4	p-Chlorotoluene	ND	5.2	0.14	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.2	0.42	V UJ
87-68-3	Hexachlorobutadiene	ND	5.2	0.24	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.13	U
91-20-3	Naphthalene	ND	5.2	0.14	U
107-13-1	Acrylonitrile	ND	10	0.54	U
103-65-1	n-Propylbenzene	ND	1.0	0.11	U
87-61-6	1,2,3-Trichlorobenzene	ND	5.2	0.15	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	0.19	U
108-67-8	1,3,5-Trimethylbenzene	ND	5.2	0.15	U
95-63-6	1,2,4-Trimethylbenzene	ND	5.2	0.15	U
123-91-1	1,4-Dioxane	ND	100	15.	U
105-05-5	1,4-Diethylbenzene	ND	4.2	0.17	U
622-96-8	4-Ethyltoluene	ND	4.2	0.13	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	4.2	0.14	U
60-29-7	Ethyl ether	ND	5.2	0.27	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.2	0.41	U

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-05	Date Collected	: 11/19/14 13:15
Client ID	: SIDEWALL 5	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 17:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A25	Instrument ID	: VOA111.I
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 89
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	9.6	1.0	U
75-34-3	1,1-Dichloroethane	ND	1.4	0.08	U
67-66-3	Chloroform	ND	1.4	0.35	U
56-23-5	Carbon tetrachloride	ND	0.96	0.20	U
78-87-5	1,2-Dichloropropane	ND	3.3	0.22	U
124-48-1	Dibromochloromethane	ND	0.96	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.4	0.29	U
127-18-4	Tetrachloroethene	0.70	0.96	0.13	J
108-90-7	Chlorobenzene	4.7	0.96	0.33	
75-69-4	Trichlorofluoromethane	ND	4.8	0.37	U
107-06-2	1,2-Dichloroethane	ND	0.96	0.11	U
71-55-6	1,1,1-Trichloroethane	ND	0.96	0.10	U
75-27-4	Bromodichloromethane	ND	0.96	0.16	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.96	0.12	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.96	0.11	U
542-75-6	1,3-Dichloropropene, Total	ND	0.96	0.11	U
563-58-6	1,1-Dichloropropene	ND	4.8	0.14	U
75-25-2	Bromoform	ND	3.8	0.22	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.96	0.10	U
71-43-2	Benzene	ND	0.96	0.11	U
108-88-3	Toluene	0.53	1.4	0.19	J
100-41-4	Ethylbenzene	0.85	0.96	0.12	J
74-87-3	Chloromethane	ND	4.8	0.28	U
74-83-9	Bromomethane	ND	1.9	0.32	U
75-01-4	Vinyl chloride	ND	1.9	0.11	U
75-00-3	Chloroethane	ND	1.9	0.30	U
75-35-4	1,1-Dichloroethene	ND	0.96	0.25	U

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-05	Date Collected	: 11/19/14 13:15
Client ID	: SIDEWALL 5	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 17:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A25	Instrument ID	: VOA111.I
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 89
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.20	U
79-01-6	Trichloroethene	3.0	0.96	0.12	
95-50-1	1,2-Dichlorobenzene	3.0	4.8	0.15	J
541-73-1	1,3-Dichlorobenzene	0.48	4.8	0.13	J
106-46-7	1,4-Dichlorobenzene	2.5	4.8	0.13	J
1634-04-4	Methyl tert butyl ether	ND	1.9	0.08	U
179601-23-1	p/m-Xylene	4.0	1.9	0.19	
95-47-6	o-Xylene	2.2	1.9	0.16	
1330-20-7	Xylene (Total)	6.2	1.9	0.16	
156-59-2	cis-1,2-Dichloroethene	0.19	0.96	0.14	J
540-59-0	1,2-Dichloroethene (total)	0.19	0.96	0.14	J
74-95-3	Dibromomethane	ND	9.6	0.16	U
100-42-5	Styrene	ND	1.9	0.38	U
75-71-8	Dichlorodifluoromethane	ND	9.6	0.18	U
67-64-1	Acetone	ND	9.6	0.99	U
75-15-0	Carbon disulfide	ND	9.6	1.0	U
78-93-3	2-Butanone	ND	9.6	0.26	U
108-05-4	Vinyl acetate	ND	9.6	0.13	U
108-10-1	4-Methyl-2-pentanone	ND	9.6	0.23	U
96-18-4	1,2,3-Trichloropropane	ND	9.6	0.16	U
591-78-6	2-Hexanone	ND	9.6	0.64	U
74-97-5	Bromochloromethane	ND	4.8	0.26	U
594-20-7	2,2-Dichloropropane	ND	4.8	0.22	U
106-93-4	1,2-Dibromoethane	ND	3.8	0.17	U
142-28-9	1,3-Dichloropropane	ND	4.8	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.96	0.30	U
108-86-1	Bromobenzene	ND	4.8	0.20	U

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-05	Date Collected	: 11/19/14 13:15
Client ID	: SIDEWALL 5	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 17:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A25	Instrument ID	: VOA111.I
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 89
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	0.96	0.11	U
135-98-8	sec-Butylbenzene	3.1	0.96	0.12	
98-06-6	tert-Butylbenzene	0.85	4.8	0.13	J
95-49-8	o-Chlorotoluene	ND	4.8	0.15	U
106-43-4	p-Chlorotoluene	ND	4.8	0.13	U
96-12-8	1,2-Dibromo-3-chloropropane	~~ND~~	4.8	0.38	~~U~~ UJ
87-68-3	Hexachlorobutadiene	ND	4.8	0.22	U
98-82-8	Isopropylbenzene	1.2	0.96	0.10	
99-87-6	p-Isopropyltoluene	7.3	0.96	0.12	
91-20-3	Naphthalene	6.3	4.8	0.13	
107-13-1	Acrylonitrile	ND	9.6	0.49	U
103-65-1	n-Propylbenzene	3.1	0.96	0.10	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	0.14	U
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.17	U
108-67-8	1,3,5-Trimethylbenzene	36	4.8	0.14	
95-63-6	1,2,4-Trimethylbenzene	71	4.8	0.14	
123-91-1	1,4-Dioxane	ND	96	14.	U
105-05-5	1,4-Diethylbenzene	43	3.8	0.15	
622-96-8	4-Ethyltoluene	30	3.8	0.12	
95-93-2	1,2,4,5-Tetramethylbenzene	7.8	3.8	0.12	
60-29-7	Ethyl ether	ND	4.8	0.25	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.8	0.37	U

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-06	Date Collected	: 11/19/14 11:40
Client ID	: SIDEWALL 6	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 15:10
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A19	Instrument ID	: VOA110.I
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 89
Extract Volume (MeOH)	: 5	Injection Volume	: 0.1 ml

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	610	67.	U
75-34-3	1,1-Dichloroethane	ND	91	5.2	U
67-66-3	Chloroform	ND	91	22.	U
56-23-5	Carbon tetrachloride	ND	61	13.	U
78-87-5	1,2-Dichloropropane	ND	210	14.	~~U~~ UJ
124-48-1	Dibromochloromethane	ND	61	9.3	U
79-00-5	1,1,2-Trichloroethane	ND	91	18.	U
127-18-4	Tetrachloroethene	ND	61	8.5	U
108-90-7	Chlorobenzene	61	61	21.	
75-69-4	Trichlorofluoromethane	ND	300	24.	U
107-06-2	1,2-Dichloroethane	ND	61	6.9	U
71-55-6	1,1,1-Trichloroethane	ND	61	6.7	U
75-27-4	Bromodichloromethane	ND	61	10.	U
10061-02-6	trans-1,3-Dichloropropene	ND	61	7.3	U
10061-01-5	cis-1,3-Dichloropropene	ND	61	7.1	U
542-75-6	1,3-Dichloropropene, Total	ND	61	7.1	U
563-58-6	1,1-Dichloropropene	ND	300	8.6	U
75-25-2	Bromoform	ND	240	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	61	6.1	U
71-43-2	Benzene	ND	61	7.2	U
108-88-3	Toluene	ND	91	12.	U
100-41-4	Ethylbenzene	ND	61	7.7	U
74-87-3	Chloromethane	ND	300	18.	~~U~~ UJ
74-83-9	Bromomethane	ND	120	20.	U
75-01-4	Vinyl chloride	ND	120	7.1	U
75-00-3	Chloroethane	ND	120	19.	U
75-35-4	1,1-Dichloroethene	ND	61	16.	U

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-06	Date Collected	: 11/19/14 11:40
Client ID	: SIDEWALL 6	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 15:10
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A19	Instrument ID	: VOA110.I
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 89
Extract Volume (MeOH)	: 5	Injection Volume	: 0.1 ml

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	91	13.	U
79-01-6	Trichloroethene	ND	61	7.6	U
95-50-1	1,2-Dichlorobenzene	38	300	9.3	J
541-73-1	1,3-Dichlorobenzene	150	300	8.2	J
106-46-7	1,4-Dichlorobenzene	46	300	8.4	J
1634-04-4	Methyl tert butyl ether	ND	120	5.1	U
179601-23-1	p/m-Xylene	ND	120	12.	U
95-47-6	o-Xylene	ND	120	10.	U
1330-20-7	Xylene (Total)	ND	120	10.	U
156-59-2	cis-1,2-Dichloroethene	ND	61	8.7	U
540-59-0	1,2-Dichloroethene (total)	ND	61	8.7	U
74-95-3	Dibromomethane	ND	610	9.9	U
100-42-5	Styrene	ND	120	24.	U
75-71-8	Dichlorodifluoromethane	ND	610	12.	U
67-64-1	Acetone	ND	610	63.	U
75-15-0	Carbon disulfide	ND	610	67.	~~U~~ UJ
78-93-3	2-Butanone	ND	610	16.	U
108-05-4	Vinyl acetate	ND	610	8.0	~~U~~ UJ
108-10-1	4-Methyl-2-pentanone	ND	610	15.	U
96-18-4	1,2,3-Trichloropropane	ND	610	9.9	U
591-78-6	2-Hexanone	ND	610	40.	U
74-97-5	Bromochloromethane	ND	300	17.	U
594-20-7	2,2-Dichloropropane	ND	300	14.	U
106-93-4	1,2-Dibromoethane	ND	240	10.	U
142-28-9	1,3-Dichloropropane	ND	300	8.8	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	61	19.	U
108-86-1	Bromobenzene	ND	300	13.	U

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-06	Date Collected	: 11/19/14 11:40
Client ID	: SIDEWALL 6	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 15:10
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A19	Instrument ID	: VOA110.I
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 89
Extract Volume (MeOH)	: 5	Injection Volume	: 0.1 ml

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	52	61	7.0	J
135-98-8	sec-Butylbenzene	38	61	7.4	J
98-06-6	tert-Butylbenzene	ND	300	8.2	U
95-49-8	o-Chlorotoluene	ND	300	9.7	U
106-43-4	p-Chlorotoluene	ND	300	8.1	U
96-12-8	1,2-Dibromo-3-chloropropane	~~ND~~	300	24.	~~U~~ UJ
87-68-3	Hexachlorobutadiene	ND	300	14.	U
98-82-8	Isopropylbenzene	ND	61	6.3	U
99-87-6	p-Isopropyltoluene	60	61	7.6	J
91-20-3	Naphthalene	75	300	8.4	J
107-13-1	Acrylonitrile	~~ND~~	610	31.	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	61	6.6	U
87-61-6	1,2,3-Trichlorobenzene	160	300	9.0	J
120-82-1	1,2,4-Trichlorobenzene	570	300	11.	
108-67-8	1,3,5-Trimethylbenzene	210	300	8.7	J
95-63-6	1,2,4-Trimethylbenzene	450	300	8.6	
123-91-1	1,4-Dioxane	ND	6100	880	U
105-05-5	1,4-Diethylbenzene	440	240	9.7	
622-96-8	4-Ethyltoluene	150	240	7.5	J
95-93-2	1,2,4,5-Tetramethylbenzene	90	240	7.9	J
60-29-7	Ethyl ether	ND	300	16.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	300	24.	U

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-07	Date Collected	: 11/19/14 09:50
Client ID	: SIDEWALL 7	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 17:47
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A26	Instrument ID	: VOA111.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	12	1.3	U
75-34-3	1,1-Dichloroethane	ND	1.7	0.10	U
67-66-3	Chloroform	ND	1.7	0.43	U
56-23-5	Carbon tetrachloride	ND	1.2	0.24	U
78-87-5	1,2-Dichloropropane	ND	4.1	0.26	U
124-48-1	Dibromochloromethane	ND	1.2	0.18	U
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.35	U
127-18-4	Tetrachloroethene	ND	1.2	0.16	U
108-90-7	Chlorobenzene	ND	1.2	0.40	U
75-69-4	Trichlorofluoromethane	ND	5.8	0.45	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	1.2	0.13	U
75-27-4	Bromodichloromethane	ND	1.2	0.20	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.14	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.2	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	1.2	0.14	U
563-58-6	1,1-Dichloropropene	ND	5.8	0.16	U
75-25-2	Bromoform	ND	4.6	0.27	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.2	0.12	U
71-43-2	Benzene	ND	1.2	0.14	U
108-88-3	Toluene	0.31	1.7	0.23	J
100-41-4	Ethylbenzene	ND	1.2	0.15	U
74-87-3	Chloromethane	ND	5.8	0.34	U
74-83-9	Bromomethane	ND	2.3	0.39	U
75-01-4	Vinyl chloride	ND	2.3	0.14	U
75-00-3	Chloroethane	ND	2.3	0.37	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.30	U

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-07	Date Collected	: 11/19/14 09:50
Client ID	: SIDEWALL 7	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 17:47
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A26	Instrument ID	: VOA111.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.25	U
79-01-6	Trichloroethene	0.30	1.2	0.14	J
95-50-1	1,2-Dichlorobenzene	3.1	5.8	0.18	J
541-73-1	1,3-Dichlorobenzene	ND	5.8	0.16	U
106-46-7	1,4-Dichlorobenzene	0.49	5.8	0.16	J
1634-04-4	Methyl tert butyl ether	ND	2.3	0.10	U
179601-23-1	p/m-Xylene	ND	2.3	0.23	U
95-47-6	o-Xylene	ND	2.3	0.20	U
1330-20-7	Xylene (Total)	ND	2.3	0.20	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.16	U
540-59-0	1,2-Dichloroethene (total)	ND	1.2	0.16	U
74-95-3	Dibromomethane	ND	12	0.19	U
100-42-5	Styrene	ND	2.3	0.47	U
75-71-8	Dichlorodifluoromethane	ND	12	0.22	U
67-64-1	Acetone	ND	12	1.2	U
75-15-0	Carbon disulfide	ND	12	1.3	U
78-93-3	2-Butanone	ND	12	0.32	U
108-05-4	Vinyl acetate	ND	12	0.15	U
108-10-1	4-Methyl-2-pentanone	ND	12	0.28	U
96-18-4	1,2,3-Trichloropropane	ND	12	0.19	U
591-78-6	2-Hexanone	ND	12	0.77	U
74-97-5	Bromochloromethane	ND	5.8	0.32	U
594-20-7	2,2-Dichloropropane	ND	5.8	0.26	U
106-93-4	1,2-Dibromoethane	ND	4.6	0.20	U
142-28-9	1,3-Dichloropropane	ND	5.8	0.17	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.2	0.37	U
108-86-1	Bromobenzene	ND	5.8	0.24	U

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-07	Date Collected	: 11/19/14 09:50
Client ID	: SIDEWALL 7	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 17:47
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A26	Instrument ID	: VOA111.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.2	0.13	U
135-98-8	sec-Butylbenzene	ND	1.2	0.14	U
98-06-6	tert-Butylbenzene	ND	5.8	0.16	U
95-49-8	o-Chlorotoluene	ND	5.8	0.18	U
106-43-4	p-Chlorotoluene	ND	5.8	0.15	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.8	0.46	~~U~~ UJ
87-68-3	Hexachlorobutadiene	ND	5.8	0.26	U
98-82-8	Isopropylbenzene	ND	1.2	0.12	U
99-87-6	p-Isopropyltoluene	ND	1.2	0.14	U
91-20-3	Naphthalene	0.30	5.8	0.16	J
107-13-1	Acrylonitrile	ND	12	0.60	U
103-65-1	n-Propylbenzene	ND	1.2	0.13	U
87-61-6	1,2,3-Trichlorobenzene	ND	5.8	0.17	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.8	0.21	U
108-67-8	1,3,5-Trimethylbenzene	0.40	5.8	0.17	J
95-63-6	1,2,4-Trimethylbenzene	0.89	5.8	0.16	J
123-91-1	1,4-Dioxane	ND	120	17.	U
105-05-5	1,4-Diethylbenzene	1.2	4.6	0.18	J
622-96-8	4-Ethyltoluene	0.39	4.6	0.14	J
95-93-2	1,2,4,5-Tetramethylbenzene	0.28	4.6	0.15	J
60-29-7	Ethyl ether	ND	5.8	0.30	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.8	0.46	U

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-08	Date Collected	: 11/19/14 12:05
Client ID	: BOTTOM 1	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 15:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A20	Instrument ID	: VOA110.I
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 79
Extract Volume (MeOH)	: 5	Injection Volume	: 0.1 ml

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	680	75.	U
75-34-3	1,1-Dichloroethane	ND	100	5.8	U
67-66-3	Chloroform	ND	100	25.	U
56-23-5	Carbon tetrachloride	ND	68	14.	U
78-87-5	1,2-Dichloropropane	~~ND~~	240	16.	~~U~~ UJ
124-48-1	Dibromochloromethane	ND	68	10.	U
79-00-5	1,1,2-Trichloroethane	ND	100	21.	U
127-18-4	Tetrachloroethene	ND	68	9.6	U
108-90-7	Chlorobenzene	120	68	24.	
75-69-4	Trichlorofluoromethane	ND	340	26.	U
107-06-2	1,2-Dichloroethane	ND	68	7.7	U
71-55-6	1,1,1-Trichloroethane	ND	68	7.6	U
75-27-4	Bromodichloromethane	ND	68	12.	U
10061-02-6	trans-1,3-Dichloropropene	ND	68	8.2	U
10061-01-5	cis-1,3-Dichloropropene	ND	68	8.0	U
542-75-6	1,3-Dichloropropene, Total	ND	68	8.0	U
563-58-6	1,1-Dichloropropene	ND	340	9.6	U
75-25-2	Bromoform	ND	270	16.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	68	6.9	U
71-43-2	Benzene	ND	68	8.0	U
108-88-3	Toluene	63	100	13.	J
100-41-4	Ethylbenzene	ND	68	8.7	U
74-87-3	Chloromethane	~~ND~~	340	20.	~~U~~ UJ
74-83-9	Bromomethane	ND	140	23.	U
75-01-4	Vinyl chloride	ND	140	8.0	U
75-00-3	Chloroethane	ND	140	22.	U
75-35-4	1,1-Dichloroethene	ND	68	18.	U

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-08	Date Collected	: 11/19/14 12:05
Client ID	: BOTTOM 1	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 15:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A20	Instrument ID	: VOA110.I
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 79
Extract Volume (MeOH)	: 5	Injection Volume	: 0.1 ml

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	100	14.	U
79-01-6	Trichloroethene	ND	68	8.5	U
95-50-1	1,2-Dichlorobenzene	100	340	10.	J
541-73-1	1,3-Dichlorobenzene	ND	340	9.2	U
106-46-7	1,4-Dichlorobenzene	53	340	9.4	J
1634-04-4	Methyl tert butyl ether	ND	140	5.8	U
179601-23-1	p/m-Xylene	120	140	13.	J
95-47-6	o-Xylene	72	140	12.	J
1330-20-7	Xylene (Total)	190	140	12.	J
156-59-2	cis-1,2-Dichloroethene	ND	68	9.7	U
540-59-0	1,2-Dichloroethene (total)	ND	68	9.7	U
74-95-3	Dibromomethane	ND	680	11.	U
100-42-5	Styrene	ND	140	27.	U
75-71-8	Dichlorodifluoromethane	ND	680	13.	U
67-64-1	Acetone	ND	680	71.	U
75-15-0	Carbon disulfide	~~ND~~	680	75.	~~U~~ UJ
78-93-3	2-Butanone	ND	680	18.	U
108-05-4	Vinyl acetate	~~ND~~	680	9.0	~~U~~ UJ
108-10-1	4-Methyl-2-pentanone	ND	680	17.	U
96-18-4	1,2,3-Trichloropropane	ND	680	11.	U
591-78-6	2-Hexanone	ND	680	45.	U
74-97-5	Bromochloromethane	ND	340	19.	U
594-20-7	2,2-Dichloropropane	ND	340	15.	U
106-93-4	1,2-Dibromoethane	ND	270	12.	U
142-28-9	1,3-Dichloropropane	ND	340	9.9	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	68	22.	U
108-86-1	Bromobenzene	ND	340	14.	U

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-08	Date Collected	: 11/19/14 12:05
Client ID	: BOTTOM 1	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 15:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A20	Instrument ID	: VOA110.I
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 79
Extract Volume (MeOH)	: 5	Injection Volume	: 0.1 ml

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	280	68	7.8	
135-98-8	sec-Butylbenzene	210	68	8.3	
98-06-6	tert-Butylbenzene	ND	340	9.2	U
95-49-8	o-Chlorotoluene	ND	340	11.	U
106-43-4	p-Chlorotoluene	ND	340	9.0	U
96-12-8	1,2-Dibromo-3-chloropropane	~~ND~~	340	27.	~~U~~ UJ
87-68-3	Hexachlorobutadiene	ND	340	16.	U
98-82-8	Isopropylbenzene	66	68	7.1	J
99-87-6	p-Isopropyltoluene	290	68	8.5	
91-20-3	Naphthalene	180	340	9.4	J
107-13-1	Acrylonitrile	~~ND~~	680	35.	~~U~~ UJ
103-65-1	n-Propylbenzene	230	68	7.4	
87-61-6	1,2,3-Trichlorobenzene	ND	340	10.	U
120-82-1	1,2,4-Trichlorobenzene	ND	340	12.	U
108-67-8	1,3,5-Trimethylbenzene	1200	340	9.8	
95-63-6	1,2,4-Trimethylbenzene	2500	340	9.6	
123-91-1	1,4-Dioxane	ND	6800	980	U
105-05-5	1,4-Diethylbenzene	1800	270	11.	
622-96-8	4-Ethyltoluene	1100	270	8.4	
95-93-2	1,2,4,5-Tetramethylbenzene	330	270	8.9	
60-29-7	Ethyl ether	19	340	18.	J
110-57-6	trans-1,4-Dichloro-2-butene	ND	340	27.	U

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Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-09	Date Collected	: 11/19/14 14:10
Client ID	: BOTTOM 2	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 16:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A21	Instrument ID	: VOA110.I
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 92
Extract Volume (MeOH)	: 5	Injection Volume	: 0.1 ml

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	500	55.	U
75-34-3	1,1-Dichloroethane	ND	75	4.3	U
67-66-3	Chloroform	ND	75	18.	U
56-23-5	Carbon tetrachloride	ND	50	10.	U
78-87-5	1,2-Dichloropropane	~~ND~~	170	11.	U UJ
124-48-1	Dibromochloromethane	ND	50	7.7	U
79-00-5	1,1,2-Trichloroethane	ND	75	15.	U
127-18-4	Tetrachloroethene	ND	50	7.0	U
108-90-7	Chlorobenzene	110	50	17.	
75-69-4	Trichlorofluoromethane	ND	250	19.	U
107-06-2	1,2-Dichloroethane	ND	50	5.7	U
71-55-6	1,1,1-Trichloroethane	ND	50	5.5	U
75-27-4	Bromodichloromethane	ND	50	8.6	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	6.0	U
10061-01-5	cis-1,3-Dichloropropene	ND	50	5.9	U
542-75-6	1,3-Dichloropropene, Total	ND	50	5.9	U
563-58-6	1,1-Dichloropropene	ND	250	7.1	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	5.0	U
71-43-2	Benzene	ND	50	5.9	U
108-88-3	Toluene	ND	75	9.7	U
100-41-4	Ethylbenzene	ND	50	6.4	U
74-87-3	Chloromethane	~~ND~~	250	15.	U UJ
74-83-9	Bromomethane	ND	100	17.	U
75-01-4	Vinyl chloride	ND	100	5.9	U
75-00-3	Chloroethane	ND	100	16.	U
75-35-4	1,1-Dichloroethene	ND	50	13.	U

12/1/15

Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-09	Date Collected	: 11/19/14 14:10
Client ID	: BOTTOM 2	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 16:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A21	Instrument ID	: VOA110.I
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 92
Extract Volume (MeOH)	: 5	Injection Volume	: 0.1 ml

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	75	10.	U
79-01-6	Trichloroethene	ND	50	6.2	U
95-50-1	1,2-Dichlorobenzene	410	250	7.6	
541-73-1	1,3-Dichlorobenzene	ND	250	6.7	U
106-46-7	1,4-Dichlorobenzene	120	250	6.9	J
1634-04-4	Methyl tert butyl ether	ND	100	4.2	U
179601-23-1	p/m-Xylene	84	100	9.9	J
95-47-6	o-Xylene	55	100	8.6	J
1330-20-7	Xylene (Total)	140	100	8.6	J
156-59-2	cis-1,2-Dichloroethene	ND	50	7.1	U
540-59-0	1,2-Dichloroethene (total)	ND	50	7.1	U
74-95-3	Dibromomethane	ND	500	8.2	U
100-42-5	Styrene	ND	100	20.	U
75-71-8	Dichlorodifluoromethane	ND	500	9.5	U
67-64-1	Acetone	ND	500	52.	U
75-15-0	Carbon disulfide	~~ND~~	500	55.	~~U~~ UJ
78-93-3	2-Butanone	ND	500	14.	U
108-05-4	Vinyl acetate	~~ND~~	500	6.6	~~U~~ UJ
108-10-1	4-Methyl-2-pentanone	ND	500	12.	U
96-18-4	1,2,3-Trichloropropane	ND	500	8.1	U
591-78-6	2-Hexanone	ND	500	33.	U
74-97-5	Bromochloromethane	ND	250	14.	U
594-20-7	2,2-Dichloropropane	ND	250	11.	U
106-93-4	1,2-Dibromoethane	ND	200	8.7	U
142-28-9	1,3-Dichloropropane	ND	250	7.2	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	16.	U
108-86-1	Bromobenzene	ND	250	10.	U

ALPHA ANALYTICAL

MW 11/9/15

Form 1
Volatile Organics

Client	: Envirotrac Ltd.	Lab Number	: L1428054
Project Name	: TOWN OF ISLIP DEPT OF AVIATION	Project Number	: SITE #152206
Lab ID	: L1428054-09	Date Collected	: 11/19/14 14:10
Client ID	: BOTTOM 2	Date Received	: 11/20/14
Sample Location	: 2125 SMITHTOWN AVE., RONK	Date Analyzed	: 11/24/14 16:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1124A21	Instrument ID	: VOA110.I
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 92
Extract Volume (MeOH)	: 5	Injection Volume	: 0.1 ml

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	330	50	5.7	
135-98-8	sec-Butylbenzene	220	50	6.1	
98-06-6	tert-Butylbenzene	ND	250	6.8	U
95-49-8	o-Chlorotoluene	ND	250	8.0	U
106-43-4	p-Chlorotoluene	ND	250	6.6	U
96-12-8	1,2-Dibromo-3-chloropropane	~~ND~~	250	20.	UJ
87-68-3	Hexachlorobutadiene	ND	250	11.	U
98-82-8	Isopropylbenzene	64	50	5.2	
99-87-6	p-Isopropyltoluene	310	50	6.2	
91-20-3	Naphthalene	200	250	6.9	J
107-13-1	Acrylonitrile	~~ND~~	500	26.	UJ
103-65-1	n-Propylbenzene	230	50	5.4	
87-61-6	1,2,3-Trichlorobenzene	ND	250	7.4	U
120-82-1	1,2,4-Trichlorobenzene	ND	250	9.1	U
108-67-8	1,3,5-Trimethylbenzene	1200	250	7.2	
95-63-6	1,2,4-Trimethylbenzene	2600	250	7.1	
123-91-1	1,4-Dioxane	ND	5000	720	U
105-05-5	1,4-Diethylbenzene	1800	200	8.0	
622-96-8	4-Ethyltoluene	1100	200	6.2	
95-93-2	1,2,4,5-Tetramethylbenzene	370	200	6.5	
60-29-7	Ethyl ether	ND	250	13.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	20.	U

12/1/9/15

APPENDIX E

Imported Fill Documentation

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

November 18, 2014

John Szymanski
Envirotrac
5 Old Dock Road
Yaphank, NY 11980
TEL: (631) 924-3001
FAX (631) 924-5001

RE: Camco Order No.: 1411047

Dear John Szymanski:

American Analytical Laboratories, LLC. received 6 sample(s) on 11/7/2014 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report. The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified either on the sample results or in the QC section of the report. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director
American Analytical Laboratories, LLC.

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

Workorder Sample Summary

WO#: **1411047**

18-Nov-14

CLIENT: Envirotrac
Project: Camco

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
1411047-001A	Fill D1		11/7/2014 10:00:00 AM	11/7/2014 12:18:00 PM	Soil
1411047-002A	Fill D2		11/7/2014 10:05:00 AM	11/7/2014 12:18:00 PM	Soil
1411047-003A	Fill D3		11/7/2014 10:10:00 AM	11/7/2014 12:18:00 PM	Soil
1411047-004A	Fill D4		11/7/2014 10:15:00 AM	11/7/2014 12:18:00 PM	Soil
1411047-005A	Fill C1		11/7/2014 10:20:00 AM	11/7/2014 12:18:00 PM	Soil
1411047-006A	Fill C2		11/7/2014 10:25:00 AM	11/7/2014 12:18:00 PM	Soil

CHAIN OF CUSTODY

AMERICAN ANALYTICAL LABORATORIES

56 Toledo Street, Farmingdale NY 11735
(T) 631-454-6100 (F) 631-454-8027
www.american-analytical.com

CERTIFICATIONS
NY ELAP - 11418 PA DEP - 68-00573
NJ DEP - NY050 CT DOH - PH-0205

Client Information

Company Name: EnviroTrac Ltd.
Address: 5 Old Dock Road
City: Yaphank State: NY Zip: 11980
Project Contact: John Szymanski
Phone #: 631.774-3116
E-mail: JohnS@EnviroTrac.com

Project Information

Project Name: CAMCO
Street:
City: State: Zip:
Project #:
Sampler's Name / Company: John Szymanski
Sampler's Signature:

Analytical Information

VOC (Dark 375 Cleo VOC)

LAB SAMPLE # (LAB USE ONLY)	Client Sample ID	Sample Type	Matrix Code	Date	Time	Glass / Plastic	Total # of bottles	Number of Each Preserved Bottle: NONE	HCl	NaOH	HNO_3	H_2SO_4	$NaHSO_4$	MeOH	OTHER	VOC	Dark 375 Cleo VOC
1411047-001	Fill D1	G	S	11/7/14	1000		4									X	
002	Fill D2	G			1005		4									X	
003	Fill D3	G			1010		4									X	
004	Fill D4	G			1015		4									X	
005	Fill C1	C			1020		1										X
006	Fill C2	C			1025		1										X

Turnaround Time (Business Days)

Standard
7-10 Business Days
5 Day *RUSH*
4 Day *RUSH*
3 Day *RUSH*
2 Day *RUSH*
1 Day *RUSH*

SAMPLE TYPE

G = Grab
C = Composite
B = Blank

MATRIX CODES

L = Liquid PC = Paint Chip
S = Soil SL = Sludge
O = Oil SD = Solid
W = Wipe M = Miscellaneous

Comments / Remarks

Cooler Temp: 0.8°C

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
	11/7/14 12:18	John Szymanski		11/7/14 12:18	LORI B
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

American Analytical Laboratories, LLC.
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Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

Sample Log-In Check List

Client Name: **ENVIROTRAC** Work Order Number: **1411047** RcptNo: **1**

Logged by:	**Lori Beyer**	**11/7/2014 12:18:00 PM**	Lori Beyer
Completed By:	**Lori Beyer**	**11/7/2014 1:33:27 PM**	Lori Beyer
Reviewed By:	**Karen Kelly**	**11/7/2014**	Karen Kelly

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Client		

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
	Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
	No. Seal Date:	Signed By:		
5.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
6.	Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
7.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
8.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
9.	Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
10.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
11.	Is the headspace in the VOA vials less than 1/4 inch or 6 mm?	Yes ☐	No ☐	No VOA Vials ☑
12.	Were any sample containers received broken?	Yes ☐	No ☑	
13.	Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
14.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
15.	Is it clear what analyses were requested?	Yes ☑	No ☐	
16.	Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

18. Additional remarks:

Cooler Information

Cooler No	Temp ºC	Condition	Seal Intact	Seal No	Seal Date	Signed By

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Case Narrative

WO#: **1411047**
Date: **11/18/2014**

CLIENT: Envirotrac
Project: Camco

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846 and additional methods as detailed throughout the text of the report. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives with exceptions notated in this Narrative discussion and/or in the QC Summary Section of the lab report with appropriate qualifiers. Additional quality control information such as surrogate recovery values for organic testing is provided as part of the analytical results.

Soil samples for Volatile Organics were collected per Method 5035A utilizing Terracore samplers and pre-preserved containers in the field.

Volatile LCS are analyzed with preservatives - HCL/NaHSO4/Methanol depending on level of analysis (high/low) similar to sample analysis. Outliers can be attributed to the presence of chemical preservatives. 2-Chloroethyl vinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Pesticide/PCB/Herbicide analysis are analyzed on two distinct columns. Once a target compound is qualitatively confirmed by detection on both columns and quantitation is determined to be >40% between the two columns, AAL's policy is to report the lower of the values as suggested by SW846 Method 8000C in cases where no interference exists. If in the professional judgment of the laboratory, the higher value must be utilized this is explained in the lab report.

The following parameters (if included in this report) are not offered by NY ELAP: VOA 8260 Soil; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Diisopropyl ether, Ethanol, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl Acetate, n-Butyl Acetate, n-Propyl Acetate. VOA 8260 Liquid; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl acetate, n-Butyl Acetate, n-Propyl Acetate. Pesticides 8081 Soil; DBCP. Herbicides 8151 Soil; 3,5-Dichlorobenzoic Acid, 4-Nitrophenol, Acifluorfen, Bentazon, Chloramben, DCPA, Picloram .Lachat 10-107-6-1B Ammonia in Soil, SM 2540G Total Volatile Solids, Soil TKN, Soil Organic Nitrogen, Percent Moisture, SM 4500-SO3 B Sulfite in Liquid, Total Sulfur in Soil, Acid Soluble Chloride by ASTMC1152, Water Soluble Chloride by ASTMC1218, Chlorine Demand by SM 2350 B, Total Residual Chlorine in Liquid and Nitrate-Nitrite, Nitrogen in non-potable water and Reactivity to Sulfide and Reactivity to Cyanide.

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Case Narrative

WO#: **1411047**
Date: **11/18/2014**

CLIENT: Envirotrac
Project: Camco

The test results meet the requirements of the NYSDOH and NELAC standards, except where noted. The information contained in this analytical report is the sole property of American Analytical Laboratories, LLC. or the client for which this report was issued. The results contained in this report are only representative of the samples received. The sample receipt checklist is included as part of this lab report. Conditions can vary at different times and at different sampling conditions. American Analytical is not responsible for the use or interpretation of the data included herein.

American Analytical Laboratories, LLC.
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Farmingdale, New York 11735
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Website: www.American-Analytical.com

Definition Only

WO#: **1411047**
Date: **11/18/2014**

Definitions:

Sample Result and QC Summary Qualifiers - Level I and Level II Reports
ND - Not detected at the reporting limit/Limit of Quantitation

B - The analyte was detected in the associated method blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <5x the blank value as artifact.

E - The value is above the quantitation range

D - Analyte concentration was obtained from diluted analysis or from analysis using reduced sample volume.

J - The analyte was detected below the limit of quantitation but greater than the established Limit of Detection (LOD). There is greater uncertainty associated with these results and data should be considered as estimated.

U - The compound was analyzed for but not detected.

H - Holding time for preparation or analysis has been exceeded.

S - Spike recovery is outside accepted recovery limits.

R - RPD is outside accepted recovery range.

P - Secondary column exceeds 40% difference for GC test.

* - Calibration exceeds method requirement. Due to the large number of analytes for organic testing, the method allows 10% of analytes to have %RSD and/or %D to be >20%.

LOD - Limit of Detection; the lowest level the analyte can be determined to be statistically different from a blank.

LOQ - Limit of Quantitation; the lowest amount of analyte in a sample that can be quantitatively determined with suitable precision and accurary.
m - Analyte was manually integrated for GC/MS.
+ - Concentration exceeds regulatory level for TCLP

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Fill D1
Lab Order:	1411047	**Collection Date:**	11/7/2014 10:00:00 AM
Project:	Camco	**Matrix:**	SOIL
Lab ID:	1411047-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PERCENT MOISTURE			**D2216**				Analyst: **KK**
Percent Moisture	5.63	0	1.00		wt%	1	11/11/2014 5:20:44 PM
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
1,1,1,2-Tetrachloroethane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,1,1-Trichloroethane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,1,2,2-Tetrachloroethane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,1,2-Trichloroethane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,1-Dichloroethane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,1-Dichloroethene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,1-Dichloropropene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,2,3-Trichlorobenzene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,2,3-Trichloropropane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,2,4,5-Tetramethylbenzene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,2,4-Trichlorobenzene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,2,4-Trimethylbenzene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,2-Dibromo-3-chloropropane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,2-Dibromoethane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,2-Dichlorobenzene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,2-Dichloroethane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,2-Dichloropropane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,3,5-Trimethylbenzene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,3-Dichlorobenzene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,3-dichloropropane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,4-Dichlorobenzene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
1,4-Dioxane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
2,2-Dichloropropane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
2-Butanone	ND	2.10	4.2	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
2-Chloroethyl vinyl ether	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
2-Chlorotoluene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
2-Hexanone	ND	2.10	4.2	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
2-Propanol	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
4-Chlorotoluene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT: Envirotrac
Lab Order: 1411047
Project: Camco
Lab ID: 1411047-001A

Client Sample ID: Fill D1
Collection Date: 11/7/2014 10:00:00 AM
Matrix: SOIL

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
4-Isopropyltoluene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
4-Methyl-2-pentanone	ND	2.10	4.2	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Acetone	2.2	2.10	4.2	J*	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Benzene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Bromobenzene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Bromochloromethane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Bromodichloromethane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Bromoform	ND	0.42	2.1	U*	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Bromomethane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Carbon disulfide	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Carbon tetrachloride	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Chlorobenzene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Chlorodifluoromethane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Chloroethane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Chloroform	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Chloromethane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
cis-1,2-Dichloroethene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
cis-1,3-Dichloropropene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Cyclohexane	ND	0.84	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Dibromochloromethane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Dibromomethane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Dichlorodifluoromethane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Diisopropyl ether	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Ethanol	ND	4.21	8.4	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Ethylbenzene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Freon-114	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Hexachlorobutadiene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Isopropylbenzene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
m,p-Xylene	ND	0.84	4.2	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Methyl Acetate	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Methyl tert-butyl ether	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Methylene chloride	2.2	2.10	4.2	BJ*	µg/Kg-dry	1	11/10/2014 9:04:00 PM
n-Butylbenzene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Fill D1
Lab Order:	1411047	**Collection Date:**	11/7/2014 10:00:00 AM
Project:	Camco	**Matrix:**	SOIL
Lab ID:	1411047-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
n-Propylbenzene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Naphthalene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
o-Xylene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
p-Diethylbenzene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
p-Ethyltoluene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
sec-Butylbenzene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Styrene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
t-Butyl alcohol	ND	1.05	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
tert-Butylbenzene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Tetrachloroethene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Toluene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
trans-1,2-Dichloroethene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
trans-1,3-Dichloropropene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Trichloroethene	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Trichlorofluoromethane	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Vinyl acetate	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Vinyl chloride	ND	0.42	2.1	U	µg/Kg-dry	1	11/10/2014 9:04:00 PM
Surr: 4-Bromofluorobenzene	99.6	0	50-139		%REC	1	11/10/2014 9:04:00 PM
Surr: Dibromofluoromethane	110	0	50-138		%REC	1	11/10/2014 9:04:00 PM
Surr: Toluene-d8	101	0	71-120		%REC	1	11/10/2014 9:04:00 PM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Fill D2
Lab Order:	1411047	**Collection Date:**	11/7/2014 10:05:00 AM
Project:	Camco	**Matrix:**	SOIL
Lab ID:	1411047-002A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PERCENT MOISTURE			**D2216**				Analyst: **KK**
Percent Moisture	5.92	0	1.00		wt%	1	11/11/2014 5:20:44 PM
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
1,1,1,2-Tetrachloroethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,1,1-Trichloroethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,1,2,2-Tetrachloroethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,1,2-Trichloroethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,1-Dichloroethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,1-Dichloroethene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,1-Dichloropropene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,2,3-Trichlorobenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,2,3-Trichloropropane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,2,4,5-Tetramethylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,2,4-Trichlorobenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,2,4-Trimethylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,2-Dibromo-3-chloropropane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,2-Dibromoethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,2-Dichlorobenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,2-Dichloroethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,2-Dichloropropane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,3,5-Trimethylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,3-Dichlorobenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,3-dichloropropane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,4-Dichlorobenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
1,4-Dioxane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
2,2-Dichloropropane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
2-Butanone	ND	1.95	3.9	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
2-Chloroethyl vinyl ether	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
2-Chlorotoluene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
2-Hexanone	ND	1.95	3.9	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
2-Propanol	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
4-Chlorotoluene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT: Envirotrac
Lab Order: 1411047
Project: Camco
Lab ID: 1411047-002A

Client Sample ID: Fill D2
Collection Date: 11/7/2014 10:05:00 AM
Matrix: SOIL

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
4-Isopropyltoluene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
4-Methyl-2-pentanone	ND	1.95	3.9	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Acetone	2.1	1.95	3.9	J*	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Benzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Bromobenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Bromochloromethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Bromodichloromethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Bromoform	ND	0.39	2.0	U*	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Bromomethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Carbon disulfide	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Carbon tetrachloride	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Chlorobenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Chlorodifluoromethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Chloroethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Chloroform	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Chloromethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
cis-1,2-Dichloroethene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
cis-1,3-Dichloropropene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Cyclohexane	ND	0.78	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Dibromochloromethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Dibromomethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Dichlorodifluoromethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Diisopropyl ether	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Ethanol	ND	3.91	7.8	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Ethylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Freon-114	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Hexachlorobutadiene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Isopropylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
m,p-Xylene	ND	0.78	3.9	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Methyl Acetate	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Methyl tert-butyl ether	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Methylene chloride	2.4	1.95	3.9	BJ*	µg/Kg-dry	1	11/10/2014 9:32:00 PM
n-Butylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Fill D2
Lab Order:	1411047	**Collection Date:**	11/7/2014 10:05:00 AM
Project:	Camco	**Matrix:**	SOIL
Lab ID:	1411047-002A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
n-Propylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Naphthalene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
o-Xylene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
p-Diethylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
p-Ethyltoluene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
sec-Butylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Styrene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
t-Butyl alcohol	ND	0.98	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
tert-Butylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Tetrachloroethene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Toluene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
trans-1,2-Dichloroethene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
trans-1,3-Dichloropropene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Trichloroethene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Trichlorofluoromethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Vinyl acetate	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Vinyl chloride	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 9:32:00 PM
Surr: 4-Bromofluorobenzene	101	0	50-139		%REC	1	11/10/2014 9:32:00 PM
Surr: Dibromofluoromethane	110	0	50-138		%REC	1	11/10/2014 9:32:00 PM
Surr: Toluene-d8	102	0	71-120		%REC	1	11/10/2014 9:32:00 PM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Fill D3
Lab Order:	1411047	**Collection Date:**	11/7/2014 10:10:00 AM
Project:	Camco	**Matrix:**	SOIL
Lab ID:	1411047-003A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PERCENT MOISTURE			**D2216**				Analyst: **KK**
Percent Moisture	6.07	0	1.00		wt%	1	11/11/2014 5:20:44 PM
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
1,1,1,2-Tetrachloroethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,1,1-Trichloroethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,1,2,2-Tetrachloroethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,1,2-Trichloroethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,1-Dichloroethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,1-Dichloroethene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,1-Dichloropropene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,2,3-Trichlorobenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,2,3-Trichloropropane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,2,4,5-Tetramethylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,2,4-Trichlorobenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,2,4-Trimethylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,2-Dibromo-3-chloropropane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,2-Dibromoethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,2-Dichlorobenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,2-Dichloroethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,2-Dichloropropane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,3,5-Trimethylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,3-Dichlorobenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,3-dichloropropane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,4-Dichlorobenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
1,4-Dioxane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
2,2-Dichloropropane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
2-Butanone	ND	1.97	3.9	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
2-Chloroethyl vinyl ether	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
2-Chlorotoluene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
2-Hexanone	ND	1.97	3.9	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
2-Propanol	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
4-Chlorotoluene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Fill D3
Lab Order:	1411047	**Collection Date:**	11/7/2014 10:10:00 AM
Project:	Camco	**Matrix:**	SOIL
Lab ID:	1411047-003A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
4-Isopropyltoluene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
4-Methyl-2-pentanone	ND	1.97	3.9	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Acetone	ND	1.97	3.9	U*	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Benzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Bromobenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Bromochloromethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Bromodichloromethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Bromoform	ND	0.39	2.0	U*	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Bromomethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Carbon disulfide	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Carbon tetrachloride	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Chlorobenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Chlorodifluoromethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Chloroethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Chloroform	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Chloromethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
cis-1,2-Dichloroethene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
cis-1,3-Dichloropropene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Cyclohexane	ND	0.79	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Dibromochloromethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Dibromomethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Dichlorodifluoromethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Diisopropyl ether	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Ethanol	ND	3.95	7.9	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Ethylbenzene	ND	0.39	2.0	Um	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Freon-114	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Hexachlorobutadiene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Isopropylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
m,p-Xylene	ND	0.79	3.9	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Methyl Acetate	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Methyl tert-butyl ether	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Methylene chloride	2.3	1.97	3.9	BJ*	µg/Kg-dry	1	11/10/2014 10:00:00 PM
n-Butylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Fill D3
Lab Order:	1411047	**Collection Date:**	11/7/2014 10:10:00 AM
Project:	Camco	**Matrix:**	SOIL
Lab ID:	1411047-003A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
n-Propylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Naphthalene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
o-Xylene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
p-Diethylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
p-Ethyltoluene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
sec-Butylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Styrene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
t-Butyl alcohol	ND	0.99	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
tert-Butylbenzene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Tetrachloroethene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Toluene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
trans-1,2-Dichloroethene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
trans-1,3-Dichloropropene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Trichloroethene	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Trichlorofluoromethane	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Vinyl acetate	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Vinyl chloride	ND	0.39	2.0	U	µg/Kg-dry	1	11/10/2014 10:00:00 PM
Surr: 4-Bromofluorobenzene	101	0	50-139		%REC	1	11/10/2014 10:00:00 PM
Surr: Dibromofluoromethane	109	0	50-138		%REC	1	11/10/2014 10:00:00 PM
Surr: Toluene-d8	100	0	71-120		%REC	1	11/10/2014 10:00:00 PM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Fill D4
Lab Order:	1411047	**Collection Date:**	11/7/2014 10:15:00 AM
Project:	Camco	**Matrix:**	SOIL
Lab ID:	1411047-004A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PERCENT MOISTURE			**D2216**				Analyst: **KK**
Percent Moisture	5.67	0	1.00		wt%	1	11/11/2014 5:20:44 PM
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
1,1,1,2-Tetrachloroethane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,1,1-Trichloroethane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,1,2,2-Tetrachloroethane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,1,2-Trichloroethane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,1-Dichloroethane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,1-Dichloroethene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,1-Dichloropropene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,2,3-Trichlorobenzene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,2,3-Trichloropropane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,2,4,5-Tetramethylbenzene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,2,4-Trichlorobenzene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,2,4-Trimethylbenzene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,2-Dibromo-3-chloropropane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,2-Dibromoethane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,2-Dichlorobenzene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,2-Dichloroethane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,2-Dichloropropane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,3,5-Trimethylbenzene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,3-Dichlorobenzene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,3-dichloropropane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,4-Dichlorobenzene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
1,4-Dioxane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
2,2-Dichloropropane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
2-Butanone	ND	5.24	10	U*	µg/Kg-dry	1	11/12/2014 10:24:00 PM
2-Chloroethyl vinyl ether	ND	1.05	5.2	U*	µg/Kg-dry	1	11/12/2014 10:24:00 PM
2-Chlorotoluene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
2-Hexanone	ND	5.24	10	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
2-Propanol	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
4-Chlorotoluene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT: Envirotrac
Lab Order: 1411047
Project: Camco
Lab ID: 1411047-004A

Client Sample ID: Fill D4
Collection Date: 11/7/2014 10:15:00 AM
Matrix: SOIL

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
4-Isopropyltoluene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
4-Methyl-2-pentanone	ND	5.24	10	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Acetone	ND	5.24	10	U*	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Benzene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Bromobenzene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Bromochloromethane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Bromodichloromethane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Bromoform	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Bromomethane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Carbon disulfide	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Carbon tetrachloride	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Chlorobenzene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Chlorodifluoromethane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Chloroethane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Chloroform	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Chloromethane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
cis-1,2-Dichloroethene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
cis-1,3-Dichloropropene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Cyclohexane	ND	2.1	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Dibromochloromethane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Dibromomethane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Dichlorodifluoromethane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Diisopropyl ether	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Ethanol	ND	10.5	21	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Ethylbenzene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Freon-114	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Hexachlorobutadiene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Isopropylbenzene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
m,p-Xylene	ND	2.1	10	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Methyl Acetate	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Methyl tert-butyl ether	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Methylene chloride	ND	5.24	10	U*	µg/Kg-dry	1	11/12/2014 10:24:00 PM
n-Butylbenzene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM

CLIENT:	Envirotrac	**Client Sample ID:**	Fill D4
Lab Order:	1411047	**Collection Date:**	11/7/2014 10:15:00 AM
Project:	Camco	**Matrix:**	SOIL
Lab ID:	1411047-004A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
n-Propylbenzene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Naphthalene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
o-Xylene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
p-Diethylbenzene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
p-Ethyltoluene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
sec-Butylbenzene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Styrene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
t-Butyl alcohol	ND	2.62	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
tert-Butylbenzene	ND	1.05	5.2	U*	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Tetrachloroethene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Toluene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
trans-1,2-Dichloroethene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
trans-1,3-Dichloropropene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Trichloroethene	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Trichlorofluoromethane	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Vinyl acetate	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Vinyl chloride	ND	1.05	5.2	U	µg/Kg-dry	1	11/12/2014 10:24:00 PM
Surr: 4-Bromofluorobenzene	97.9	0	50-139		%REC	1	11/12/2014 10:24:00 PM
Surr: Dibromofluoromethane	93.6	0	50-138		%REC	1	11/12/2014 10:24:00 PM
Surr: Toluene-d8	98.7	0	71-120		%REC	1	11/12/2014 10:24:00 PM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Fill C1
Lab Order:	1411047	**Collection Date:**	11/7/2014 10:20:00 AM
Project:	Camco	**Matrix:**	SOIL
Lab ID:	1411047-005A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	ND	0.009	0.0128	U	mg/Kg-dry	1	11/11/2014 9:33:47 AM
HERBICIDES SW-846 8151			**SW8151A**		**SW8151A**		Analyst: **SB**
2,4,5-T	ND	1.06	3.2	U	µg/Kg-dry	1	11/12/2014 1:28:00 PM
2,4,5-TP	ND	1.06	3.2	U	µg/Kg-dry	1	11/12/2014 1:28:00 PM
2,4-D	ND	1.06	3.2	U	µg/Kg-dry	1	11/12/2014 1:28:00 PM
Dicamba	ND	1.06	3.2	U	µg/Kg-dry	1	11/12/2014 1:28:00 PM
Surr: 2,4-DCAA	99.8	0	16-152		%REC	1	11/12/2014 1:28:00 PM
Surr: 2,4-DCAA	119	0	16-152		%REC	1	11/12/2014 1:28:00 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	ND	10.5	21	U	µg/Kg-dry	1	11/13/2014 8:57:00 PM
Aroclor 1221	ND	10.5	21	U	µg/Kg-dry	1	11/13/2014 8:57:00 PM
Aroclor 1232	ND	10.5	21	U	µg/Kg-dry	1	11/13/2014 8:57:00 PM
Aroclor 1242	ND	10.5	21	U	µg/Kg-dry	1	11/13/2014 8:57:00 PM
Aroclor 1248	ND	10.5	21	U	µg/Kg-dry	1	11/13/2014 8:57:00 PM
Aroclor 1254	ND	10.5	21	U	µg/Kg-dry	1	11/13/2014 8:57:00 PM
Aroclor 1260	ND	10.5	21	U	µg/Kg-dry	1	11/13/2014 8:57:00 PM
Aroclor 1262	ND	10.5	21	U	µg/Kg-dry	1	11/13/2014 8:57:00 PM
Aroclor 1268	ND	10.5	21	U	µg/Kg-dry	1	11/13/2014 8:57:00 PM
Surr: DCB	70.6	0	12-151	P	%REC	1	11/13/2014 8:57:00 PM
Surr: DCB	47.9	0	12-151	P	%REC	1	11/13/2014 8:57:00 PM
Surr: TCX	67.9	0	18-147		%REC	1	11/13/2014 8:57:00 PM
Surr: TCX	81.3	0	18-147		%REC	1	11/13/2014 8:57:00 PM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
4,4´-DDE	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
4,4´-DDT	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
Aldrin	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
alpha-BHC	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
alpha-Chlordane	ND	6.31	11	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
beta-BHC	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
Chlorobenzilate	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT: Envirotrac
Lab Order: 1411047
Project: Camco
Lab ID: 1411047-005A

Client Sample ID: Fill C1
Collection Date: 11/7/2014 10:20:00 AM
Matrix: SOIL

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
DBCP	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
delta-BHC	1.1	1.05	2.6	J	µg/Kg-dry	1	11/12/2014 2:25:00 AM
Dieldrin	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
Endosulfan I	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
Endosulfan II	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
Endosulfan sulfate	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
Endrin	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
Endrin aldehyde	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
Endrin ketone	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
gamma-BHC	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
gamma-Chlordane	ND	6.31	11	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
Heptachlor	ND	2.10	3.2	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
Heptachlor epoxide	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
Hexachlorobenzene	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
Hexachlorocyclopentadiene	ND	3.15	3.2	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
Methoxychlor	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
Toxaphene	ND	13.1	26	U	µg/Kg-dry	1	11/12/2014 2:25:00 AM
Surr: TCX	64.3	0	19-145		%REC	1	11/12/2014 2:25:00 AM
Surr: TCX	72.1	0	19-145		%REC	1	11/12/2014 2:25:00 AM
Surr: DCB	133	0	16-148	P	%REC	1	11/12/2014 2:25:00 AM
Surr: DCB	69.1	0	16-148	P	%REC	1	11/12/2014 2:25:00 AM
PERCENT MOISTURE			**D2216**				Analyst: **KK**
Percent Moisture	5.93	0	1.00		wt%	1	11/11/2014 5:20:44 PM
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	1320	0.11	0.425		mg/Kg-dry	1	11/11/2014 10:10:00 AM
Antimony	ND	0.21	0.532	U	mg/Kg-dry	1	11/11/2014 10:10:00 AM
Arsenic	0.519	0.21	0.532	J	mg/Kg-dry	1	11/11/2014 10:10:00 AM
Barium	5.85	0.21	0.425		mg/Kg-dry	1	11/11/2014 10:10:00 AM
Beryllium	ND	0.11	0.425	U	mg/Kg-dry	1	11/11/2014 10:10:00 AM
Cadmium	ND	0.11	0.425	U	mg/Kg-dry	1	11/11/2014 10:10:00 AM
Calcium	222	0.21	0.532		mg/Kg-dry	1	11/11/2014 10:10:00 AM
Chromium	3.58	0.11	0.425		mg/Kg-dry	1	11/11/2014 10:10:00 AM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Fill C1
Lab Order:	1411047	**Collection Date:**	11/7/2014 10:20:00 AM
Project:	Camco	**Matrix:**	SOIL
Lab ID:	1411047-005A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Cobalt	ND	0.11	0.425	U	mg/Kg-dry	1	11/11/2014 10:10:00 AM
Copper	1.51	0.11	0.425		mg/Kg-dry	1	11/11/2014 10:10:00 AM
Iron	1850	0.21	0.425		mg/Kg-dry	1	11/11/2014 10:10:00 AM
Lead	1.60	0.21	0.425		mg/Kg-dry	1	11/11/2014 10:10:00 AM
Magnesium	320	0.11	0.425		mg/Kg-dry	1	11/11/2014 10:10:00 AM
Manganese	42.1	0.11	0.425		mg/Kg-dry	1	11/11/2014 10:10:00 AM
Nickel	1.50	0.11	0.425		mg/Kg-dry	1	11/11/2014 10:10:00 AM
Potassium	176	0.21	0.532		mg/Kg-dry	1	11/11/2014 10:10:00 AM
Selenium	ND	0.21	0.532	U	mg/Kg-dry	1	11/11/2014 10:10:00 AM
Silver	ND	0.11	0.425	U	mg/Kg-dry	1	11/11/2014 10:10:00 AM
Sodium	14.3	0.21	0.532		mg/Kg-dry	1	11/11/2014 10:10:00 AM
Thallium	ND	0.32	0.532	U	mg/Kg-dry	1	11/11/2014 10:10:00 AM
Vanadium	5.06	0.11	0.425		mg/Kg-dry	1	11/11/2014 10:10:00 AM
Zinc	5.71	0.11	0.425		mg/Kg-dry	1	11/11/2014 10:10:00 AM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Biphenyl	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
1,2,4-Trichlorobenzene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
1,2-Dichlorobenzene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
1,3-Dichlorobenzene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
1,4-Dichlorobenzene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
2,4,5-Trichlorophenol	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
2,4,6-Trichlorophenol	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
2,4-Dichlorophenol	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
2,4-Dimethylphenol	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
2,4-Dinitrophenol	ND	52.6	530	U*	µg/Kg-dry	1	11/12/2014 1:03:00 PM
2,4-Dinitrotoluene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
2,6-Dinitrotoluene	ND	52.6	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
2-Chloronaphthalene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
2-Chlorophenol	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
2-Methylnaphthalene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
2-Methylphenol	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
2-Nitroaniline	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT: Envirotrac
Lab Order: 1411047
Project: Camco
Lab ID: 1411047-005A

Client Sample ID: Fill C1
Collection Date: 11/7/2014 10:20:00 AM
Matrix: SOIL

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
2-Nitrophenol	ND	52.6	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
3+4-Methylphenol	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
3,3´-Dichlorobenzidine	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
3-Nitroaniline	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
4,6-Dinitro-2-methylphenol	ND	52.6	530	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
4-Bromophenyl phenyl ether	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
4-Chloro-3-methylphenol	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
4-Chloroaniline	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
4-Chlorophenyl phenyl ether	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
4-Nitroaniline	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
4-Nitrophenol	ND	52.6	530	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Acenaphthene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Acenaphthylene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Acetophenone	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Aniline	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Anthracene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Atrazine	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Azobenzene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Benzaldehyde	ND	52.6	530	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Benzidine	ND	52.6	530	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Benzo(a)anthracene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Benzo(a)pyrene	ND	26.3	160	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Benzo(b)fluoranthene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Benzo(g,h,i)perylene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Benzo(k)fluoranthene	ND	26.3	260	Um	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Benzoic acid	ND	52.6	530	U*	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Benzyl alcohol	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Bis(2-chloroethoxy)methane	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Bis(2-chloroethyl)ether	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Bis(2-chloroisopropyl)ether	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Bis(2-ethylhexyl)phthalate	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Butyl benzyl phthalate	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Caprolactam	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Fill C1
Lab Order:	1411047	**Collection Date:**	11/7/2014 10:20:00 AM
Project:	Camco	**Matrix:**	SOIL
Lab ID:	1411047-005A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Carbazole	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Chrysene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Di-n-butyl phthalate	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Di-n-octyl phthalate	ND	52.6	530	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Dibenzo(a,h)anthracene	ND	26.3	160	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Dibenzofuran	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Diethyl phthalate	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Dimethyl phthalate	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Fluoranthene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Fluorene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Hexachlorobenzene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Hexachlorobutadiene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Hexachlorocyclopentadiene	ND	52.6	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Hexachloroethane	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Indeno(1,2,3-c,d)pyrene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Isophorone	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
N-Nitrosodi-n-propylamine	ND	26.3	160	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
N-Nitrosodimethylamine	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
N-Nitrosodiphenylamine	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Naphthalene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Nitrobenzene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Parathion	ND	52.6	530	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Pentachlorophenol	ND	52.6	530	U*	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Phenanthrene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Phenol	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Pyrene	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Pyridine	ND	26.3	260	U	µg/Kg-dry	1	11/12/2014 1:03:00 PM
Surr: 2,4,6-Tribromophenol	80.7	0	14-144		%REC	1	11/12/2014 1:03:00 PM
Surr: 2-Fluorobiphenyl	88.9	0	17-129		%REC	1	11/12/2014 1:03:00 PM
Surr: 2-Fluorophenol	84.3	0	21-149		%REC	1	11/12/2014 1:03:00 PM
Surr: 4-Terphenyl-d14	107	0	18-134		%REC	1	11/12/2014 1:03:00 PM
Surr: Nitrobenzene-d5	84.2	0	18-125		%REC	1	11/12/2014 1:03:00 PM
Surr: Phenol-d6	84.7	0	20-147		%REC	1	11/12/2014 1:03:00 PM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Fill C1
Lab Order:	1411047	**Collection Date:**	11/7/2014 10:20:00 AM
Project:	Camco	**Matrix:**	SOIL
Lab ID:	1411047-005A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
CYANIDE, TOTAL			**SW9012B**		**SW9012B**		Analyst: **STP**
Cyanide, Total & Amenable: Auto Colorimetric	0.0688	0.05	0.106	J	mg/Kg-dry	1	11/7/2014 4:27:28 PM
TRIVALENT CHROMIUM			**SW6010C**				Analyst: **PAV**
Chromium, Trivalent	3.58	0.1	0.400		mg/Kg-dry	1	11/11/2014 11:04:54 AM
HEXAVALENT CHROMIUM			**SW7196A**		**SW3060A**		Analyst: **PAV**
Chromium, Hexavalent	ND	0.21	0.527	U	mg/Kg-dry	1	11/10/2014 12:00:00 PM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT: Envirotrac
Lab Order: 1411047
Project: Camco
Lab ID: 1411047-006A

Client Sample ID: Fill C2
Collection Date: 11/7/2014 10:25:00 AM
Matrix: SOIL

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	ND	0.008	0.0127	U	mg/Kg-dry	1	11/18/2014 1:16:05 PM
HERBICIDES SW-846 8151			**SW8151A**		**SW8151A**		Analyst: **SB**
2,4,5-T	ND	1.05	3.2	U	µg/Kg-dry	1	11/12/2014 1:42:00 PM
2,4,5-TP	ND	1.05	3.2	U	µg/Kg-dry	1	11/12/2014 1:42:00 PM
2,4-D	ND	1.05	3.2	U	µg/Kg-dry	1	11/12/2014 1:42:00 PM
Dicamba	2.9	1.05	3.2	J	µg/Kg-dry	1	11/12/2014 1:42:00 PM
Surr: 2,4-DCAA	61.9	0	16-152	P	%REC	1	11/12/2014 1:42:00 PM
Surr: 2,4-DCAA	93.8	0	16-152	P	%REC	1	11/12/2014 1:42:00 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	ND	10.5	21	U	µg/Kg-dry	1	11/13/2014 9:22:00 PM
Aroclor 1221	ND	10.5	21	U	µg/Kg-dry	1	11/13/2014 9:22:00 PM
Aroclor 1232	ND	10.5	21	U	µg/Kg-dry	1	11/13/2014 9:22:00 PM
Aroclor 1242	ND	10.5	21	U	µg/Kg-dry	1	11/13/2014 9:22:00 PM
Aroclor 1248	ND	10.5	21	U	µg/Kg-dry	1	11/13/2014 9:22:00 PM
Aroclor 1254	ND	10.5	21	U	µg/Kg-dry	1	11/13/2014 9:22:00 PM
Aroclor 1260	ND	10.5	21	U	µg/Kg-dry	1	11/13/2014 9:22:00 PM
Aroclor 1262	ND	10.5	21	U	µg/Kg-dry	1	11/13/2014 9:22:00 PM
Aroclor 1268	ND	10.5	21	U	µg/Kg-dry	1	11/13/2014 9:22:00 PM
Surr: DCB	90.5	0	12-151	P	%REC	1	11/13/2014 9:22:00 PM
Surr: DCB	59.8	0	12-151	P	%REC	1	11/13/2014 9:22:00 PM
Surr: TCX	89.5	0	18-147		%REC	1	11/13/2014 9:22:00 PM
Surr: TCX	73.9	0	18-147		%REC	1	11/13/2014 9:22:00 PM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	1.6	1.05	2.6	JP	µg/Kg-dry	1	11/12/2014 2:40:00 AM
4,4´-DDE	1.7	1.05	2.6	J	µg/Kg-dry	1	11/12/2014 2:40:00 AM
4,4´-DDT	1.4	1.05	2.6	JP	µg/Kg-dry	1	11/12/2014 2:40:00 AM
Aldrin	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
alpha-BHC	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
alpha-Chlordane	ND	6.3	10	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
beta-BHC	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
Chlorobenzilate	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Fill C2
Lab Order:	1411047	**Collection Date:**	11/7/2014 10:25:00 AM
Project:	Camco	**Matrix:**	SOIL
Lab ID:	1411047-006A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
DBCP	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
delta-BHC	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
Dieldrin	1.6	1.05	2.6	J	µg/Kg-dry	1	11/12/2014 2:40:00 AM
Endosulfan I	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
Endosulfan II	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
Endosulfan sulfate	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
Endrin	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
Endrin aldehyde	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
Endrin ketone	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
gamma-BHC	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
gamma-Chlordane	ND	6.3	10	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
Heptachlor	ND	2.1	3.1	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
Heptachlor epoxide	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
Hexachlorobenzene	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
Hexachlorocyclopentadiene	ND	3.15	3.1	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
Methoxychlor	ND	1.05	2.6	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
Toxaphene	ND	13.1	26	U	µg/Kg-dry	1	11/12/2014 2:40:00 AM
Surr: TCX	56.3	0	19-145		%REC	1	11/12/2014 2:40:00 AM
Surr: TCX	62.7	0	19-145		%REC	1	11/12/2014 2:40:00 AM
Surr: DCB	74.9	0	16-148	P	%REC	1	11/12/2014 2:40:00 AM
Surr: DCB	132	0	16-148	P	%REC	1	11/12/2014 2:40:00 AM
PERCENT MOISTURE			**D2216**				Analyst: **KK**
Percent Moisture	5.40	0	1.00		wt%	1	11/11/2014 5:20:44 PM
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	1290	0.10	0.418		mg/Kg-dry	1	11/11/2014 10:12:02 AM
Antimony	ND	0.21	0.522	U	mg/Kg-dry	1	11/11/2014 10:12:02 AM
Arsenic	0.537	0.21	0.522		mg/Kg-dry	1	11/11/2014 10:12:02 AM
Barium	5.88	0.21	0.418		mg/Kg-dry	1	11/11/2014 10:12:02 AM
Beryllium	ND	0.10	0.418	U	mg/Kg-dry	1	11/11/2014 10:12:02 AM
Cadmium	ND	0.10	0.418	U	mg/Kg-dry	1	11/11/2014 10:12:02 AM
Calcium	214	0.21	0.522		mg/Kg-dry	1	11/11/2014 10:12:02 AM
Chromium	2.42	0.10	0.418		mg/Kg-dry	1	11/11/2014 10:12:02 AM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Fill C2
Lab Order:	1411047	**Collection Date:**	11/7/2014 10:25:00 AM
Project:	Camco	**Matrix:**	SOIL
Lab ID:	1411047-006A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Cobalt	ND	0.10	0.418	U	mg/Kg-dry	1	11/11/2014 10:12:02 AM
Copper	1.47	0.10	0.418		mg/Kg-dry	1	11/11/2014 10:12:02 AM
Iron	1900	0.21	0.418		mg/Kg-dry	1	11/11/2014 10:12:02 AM
Lead	1.61	0.21	0.418		mg/Kg-dry	1	11/11/2014 10:12:02 AM
Magnesium	341	0.10	0.418		mg/Kg-dry	1	11/11/2014 10:12:02 AM
Manganese	42.7	0.10	0.418		mg/Kg-dry	1	11/11/2014 10:12:02 AM
Nickel	1.61	0.10	0.418		mg/Kg-dry	1	11/11/2014 10:12:02 AM
Potassium	173	0.21	0.522		mg/Kg-dry	1	11/11/2014 10:12:02 AM
Selenium	ND	0.21	0.522	U	mg/Kg-dry	1	11/11/2014 10:12:02 AM
Silver	ND	0.10	0.418	U	mg/Kg-dry	1	11/11/2014 10:12:02 AM
Sodium	11.1	0.21	0.522		mg/Kg-dry	1	11/11/2014 10:12:02 AM
Thallium	ND	0.31	0.522	U	mg/Kg-dry	1	11/11/2014 10:12:02 AM
Vanadium	3.92	0.10	0.418		mg/Kg-dry	1	11/11/2014 10:12:02 AM
Zinc	5.00	0.10	0.418		mg/Kg-dry	1	11/11/2014 10:12:02 AM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Biphenyl	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
1,2,4-Trichlorobenzene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
1,2-Dichlorobenzene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
1,3-Dichlorobenzene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
1,4-Dichlorobenzene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
2,4,5-Trichlorophenol	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
2,4,6-Trichlorophenol	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
2,4-Dichlorophenol	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
2,4-Dimethylphenol	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
2,4-Dinitrophenol	ND	52.5	520	U*	µg/Kg-dry	1	11/12/2014 1:34:00 PM
2,4-Dinitrotoluene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
2,6-Dinitrotoluene	ND	52.5	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
2-Chloronaphthalene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
2-Chlorophenol	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
2-Methylnaphthalene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
2-Methylphenol	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
2-Nitroaniline	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT: Envirotrac
Lab Order: 1411047
Project: Camco
Lab ID: 1411047-006A

Client Sample ID: Fill C2
Collection Date: 11/7/2014 10:25:00 AM
Matrix: SOIL

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
2-Nitrophenol	ND	52.5	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
3+4-Methylphenol	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
3,3´-Dichlorobenzidine	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
3-Nitroaniline	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
4,6-Dinitro-2-methylphenol	ND	52.5	520	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
4-Bromophenyl phenyl ether	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
4-Chloro-3-methylphenol	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
4-Chloroaniline	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
4-Chlorophenyl phenyl ether	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
4-Nitroaniline	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
4-Nitrophenol	ND	52.5	520	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Acenaphthene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Acenaphthylene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Acetophenone	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Aniline	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Anthracene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Atrazine	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Azobenzene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Benzaldehyde	ND	52.5	520	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Benzidine	ND	52.5	520	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Benzo(a)anthracene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Benzo(a)pyrene	ND	26.2	160	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Benzo(b)fluoranthene	ND	26.2	260	Um	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Benzo(g,h,i)perylene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Benzo(k)fluoranthene	ND	26.2	260	Um	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Benzoic acid	ND	52.5	520	U*	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Benzyl alcohol	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Bis(2-chloroethoxy)methane	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Bis(2-chloroethyl)ether	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Bis(2-chloroisopropyl)ether	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Bis(2-ethylhexyl)phthalate	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Butyl benzyl phthalate	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Caprolactam	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Fill C2
Lab Order:	1411047	**Collection Date:**	11/7/2014 10:25:00 AM
Project:	Camco	**Matrix:**	SOIL
Lab ID:	1411047-006A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Carbazole	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Chrysene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Di-n-butyl phthalate	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Di-n-octyl phthalate	ND	52.5	520	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Dibenzo(a,h)anthracene	ND	26.2	160	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Dibenzofuran	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Diethyl phthalate	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Dimethyl phthalate	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Fluoranthene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Fluorene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Hexachlorobenzene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Hexachlorobutadiene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Hexachlorocyclopentadiene	ND	52.5	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Hexachloroethane	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Indeno(1,2,3-c,d)pyrene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Isophorone	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
N-Nitrosodi-n-propylamine	ND	26.2	160	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
N-Nitrosodimethylamine	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
N-Nitrosodiphenylamine	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Naphthalene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Nitrobenzene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Parathion	ND	52.5	520	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Pentachlorophenol	ND	52.5	520	U*	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Phenanthrene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Phenol	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Pyrene	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Pyridine	ND	26.2	260	U	µg/Kg-dry	1	11/12/2014 1:34:00 PM
Surr: 2,4,6-Tribromophenol	78.9	0	14-144		%REC	1	11/12/2014 1:34:00 PM
Surr: 2-Fluorobiphenyl	87.8	0	17-129		%REC	1	11/12/2014 1:34:00 PM
Surr: 2-Fluorophenol	81.9	0	21-149		%REC	1	11/12/2014 1:34:00 PM
Surr: 4-Terphenyl-d14	99.4	0	18-134		%REC	1	11/12/2014 1:34:00 PM
Surr: Nitrobenzene-d5	80.2	0	18-125		%REC	1	11/12/2014 1:34:00 PM
Surr: Phenol-d6	82.2	0	20-147		%REC	1	11/12/2014 1:34:00 PM

American Analytical Laboratories, LLC.

Date: *18-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Fill C2
Lab Order:	1411047	**Collection Date:**	11/7/2014 10:25:00 AM
Project:	Camco	**Matrix:**	SOIL
Lab ID:	1411047-006A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
CYANIDE, TOTAL			**SW9012B**		**SW9012B**		Analyst: **STP**
Cyanide, Total & Amenable: Auto Colorimetric	0.402	0.05	0.106		mg/Kg-dry	1	11/7/2014 4:33:43 PM
TRIVALENT CHROMIUM			**SW6010C**				Analyst: **PAV**
Chromium, Trivalent	2.42	0.1	0.400		mg/Kg-dry	1	11/11/2014 11:04:54 AM
HEXAVALENT CHROMIUM			**SW7196A**		**SW3060A**		Analyst: **PAV**
Chromium, Hexavalent	ND	0.21	0.529	U	mg/Kg-dry	1	11/10/2014 12:00:00 PM

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2869**

Sample ID **MB-2869**	SampType: **MBLK**	TestCode: **8151_S**	Units: **%REC**	Prep Date: **11/7/2014**	RunNo: **4849**
Client ID: **PBS**	Batch ID: **2869**	TestNo: **SW8151A**	**SW8151A**	Analysis Date: **11/10/2014**	SeqNo: **89946**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4-DCAA	20		16.66		121	16	152				P

Sample ID **LCS-2869**	SampType: **LCS**	TestCode: **8151_S**	Units: **%REC**	Prep Date: **11/7/2014**	RunNo: **4849**
Client ID: **LCSS**	Batch ID: **2869**	TestNo: **SW8151A**	**SW8151A**	Analysis Date: **11/10/2014**	SeqNo: **89947**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4-DCAA	19		16.66		117	16	152				P

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2869**

Sample ID **MB-2869**	SampType: **MBLK**	TestCode: **8151_S**	Units: **µg/Kg**	Prep Date: **11/7/2014**	RunNo: **4848**
Client ID: **PBS**	Batch ID: **2869**	TestNo: **SW8151A**	**SW8151A**	Analysis Date: **11/10/2014**	SeqNo: **89960**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	ND	3.0									U
2,4,5-TP	ND	3.0									U
2,4-D	ND	3.0									U
Dicamba	ND	3.0									U
Surr: 2,4-DCAA	10		16.66		62.3	16	152				P

Sample ID **LCS-2869**	SampType: **LCS**	TestCode: **8151_S**	Units: **µg/Kg**	Prep Date: **11/7/2014**	RunNo: **4848**
Client ID: **LCSS**	Batch ID: **2869**	TestNo: **SW8151A**	**SW8151A**	Analysis Date: **11/10/2014**	SeqNo: **89961**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	27	3.0	33.33	0	79.5	20	131				
2,4,5-TP	18	3.0	33.33	0	54.6	23	137				
2,4-D	27	3.0	33.33	0	81.2	25	139				
Dicamba	18	3.0	33.33	0	53.1	20	138				
Surr: 2,4-DCAA	11		16.66		63.3	16	152				P

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2872**

Sample ID **BL**	SampType: **MBLK**	TestCode: **CN_S**	Units: **mg/Kg**	Prep Date: **11/7/2014**	RunNo: **4806**
Client ID: **PBS**	Batch ID: **2872**	TestNo: **SW9012B**	**SW9012B**	Analysis Date: **11/7/2014**	SeqNo: **89280**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total & Amenable: Auto Colorimetric	ND	0.100									U

Sample ID **LCS**	SampType: **LCS**	TestCode: **CN_S**	Units: **mg/Kg**	Prep Date: **11/7/2014**	RunNo: **4806**
Client ID: **LCSS**	Batch ID: **2872**	TestNo: **SW9012B**	**SW9012B**	Analysis Date: **11/7/2014**	SeqNo: **89281**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total & Amenable: Auto Colorimetric	1.81	0.100	2.000	0	90.5	80	120				

Sample ID **1411032-016BMS**	SampType: **MS**	TestCode: **CN_S**	Units: **mg/Kg-dry**	Prep Date: **11/7/2014**	RunNo: **4806**
Client ID: **BatchQC**	Batch ID: **2872**	TestNo: **SW9012B**	**SW9012B**	Analysis Date: **11/7/2014**	SeqNo: **89293**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total & Amenable: Auto Colorimetric	2.25	0.110	2.207	0.1324	96.0	63	123				

Sample ID **1411032-016BMSD**	SampType: **MSD**	TestCode: **CN_S**	Units: **mg/Kg-dry**	Prep Date: **11/7/2014**	RunNo: **4806**
Client ID: **BatchQC**	Batch ID: **2872**	TestNo: **SW9012B**	**SW9012B**	Analysis Date: **11/7/2014**	SeqNo: **89294**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total & Amenable: Auto Colorimetric	2.35	0.110	2.207	0.1324	101	63	123	2.251	4.32	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2872**

Sample ID	**1411032-016BMSD**	SampType:	**MSD**	TestCode:	**CN_S**	Units:	**mg/Kg-dry**	Prep Date:	**11/7/2014**	RunNo:	**4806**
Client ID:	**BatchQC**	Batch ID:	**2872**	TestNo:	**SW9012B**	**SW9012B**		Analysis Date:	**11/7/2014**	SeqNo:	**89294**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	**BLB**	SampType:	**MBLK**	TestCode:	**CN_S**	Units:	**mg/Kg**	Prep Date:	**11/7/2014**	RunNo:	**4806**
Client ID:	**PBS**	Batch ID:	**2872**	TestNo:	**SW9012B**	**SW9012B**		Analysis Date:	**11/7/2014**	SeqNo:	**89304**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total & Amenable: Auto Colorimetric	ND	0.100									U

Sample ID	**LCSB**	SampType:	**LCS**	TestCode:	**CN_S**	Units:	**mg/Kg**	Prep Date:	**11/7/2014**	RunNo:	**4806**
Client ID:	**LCSS**	Batch ID:	**2872**	TestNo:	**SW9012B**	**SW9012B**		Analysis Date:	**11/7/2014**	SeqNo:	**89305**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total & Amenable: Auto Colorimetric	1.99	0.100	2.000	0	99.5	80	120				

Sample ID	**1411046-004AMS**	SampType:	**MS**	TestCode:	**CN_S**	Units:	**mg/Kg-dry**	Prep Date:	**11/7/2014**	RunNo:	**4806**
Client ID:	**BatchQC**	Batch ID:	**2872**	TestNo:	**SW9012B**	**SW9012B**		Analysis Date:	**11/7/2014**	SeqNo:	**89322**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total & Amenable: Auto Colorimetric	2.36	0.103	2.059	0.1853	106	63	123				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac

Project: Camco

BatchID: **2872**

Sample ID **1411046-004AMSD** SampType: **MSD** TestCode: **CN_S** Units: **mg/Kg-dry** Prep Date: **11/7/2014** RunNo: **4806**

Client ID: **BatchQC** Batch ID: **2872** TestNo: **SW9012B** **SW9012B** Analysis Date: **11/7/2014** SeqNo: **89323**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total & Amenable: Auto Colorimetric	2.38	0.103	2.059	0.1853	107	63	123	2.358	0.870	20	

Qualifiers:

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2875**

Sample ID	**MBS111014A**	SampType:	**MBLK**	TestCode:	**Cr6_S**	Units:	**mg/Kg**	Prep Date:	**11/10/2014**	RunNo:	**4822**
Client ID:	**PBS**	Batch ID:	**2875**	TestNo:	**SW7196A**	**SW3060A**		Analysis Date:	**11/10/2014**	SeqNo:	**89569**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	ND	0.500									U

Sample ID	**LCSS111014A**	SampType:	**LCS**	TestCode:	**Cr6_S**	Units:	**mg/Kg**	Prep Date:	**11/10/2014**	RunNo:	**4822**
Client ID:	**LCSS**	Batch ID:	**2875**	TestNo:	**SW7196A**	**SW3060A**		Analysis Date:	**11/10/2014**	SeqNo:	**89570**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	9.60	0.500	10.00	0	96.0	80	120				

Sample ID	**1411047-006AMS**	SampType:	**MS**	TestCode:	**Cr6_S**	Units:	**mg/Kg-dry**	Prep Date:	**11/10/2014**	RunNo:	**4822**
Client ID:	**Fill C2**	Batch ID:	**2875**	TestNo:	**SW7196A**	**SW3060A**		Analysis Date:	**11/10/2014**	SeqNo:	**89581**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	9.64	0.529	10.57	0	91.2	75	125				

Sample ID	**1411047-006AMSD**	SampType:	**MSD**	TestCode:	**Cr6_S**	Units:	**mg/Kg-dry**	Prep Date:	**11/10/2014**	RunNo:	**4822**
Client ID:	**Fill C2**	Batch ID:	**2875**	TestNo:	**SW7196A**	**SW3060A**		Analysis Date:	**11/10/2014**	SeqNo:	**89582**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	9.51	0.529	10.57	0	90.0	75	125	9.641	1.32	0	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2878**

Sample ID **MB-2878** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **11/10/2014** RunNo: **4864**
Client ID: **PBS** Batch ID: **2878** TestNo: **SW8082A** **SW3546** Analysis Date: **11/11/2014** SeqNo: **90208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	20									U
Aroclor 1221	ND	20									U
Aroclor 1232	ND	20									U
Aroclor 1242	ND	20									U
Aroclor 1248	ND	20									U
Aroclor 1254	ND	20									U
Aroclor 1260	ND	20									U
Aroclor 1262	ND	20									U
Aroclor 1268	ND	20									U
Surr: DCB	15		25.00		60.9	12	151				P
Surr: TCX	19		25.00		75.2	18	147				

Sample ID **LCS-2878** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **11/10/2014** RunNo: **4864**
Client ID: **LCSS** Batch ID: **2878** TestNo: **SW8082A** **SW3546** Analysis Date: **11/11/2014** SeqNo: **90353**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1232	220	20	250.0	0	86.1	30	140				
Aroclor 1268	180	20	250.0	0	71.6	35	135				
Surr: DCB	24		25.00		97.4	12	151				P
Surr: TCX	20		25.00		79.4	18	147				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2878**

Sample ID **LCSD-2878** SampType: **LCSD** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **11/10/2014** RunNo: **4864**
Client ID: **LCSS02** Batch ID: **2878** TestNo: **SW8082A** **SW3546** Analysis Date: **11/12/2014** SeqNo: **91388**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1232	210	20	250.0	0	83.0	30	140	215.2	3.57	20	
Aroclor 1268	170	20	250.0	0	67.2	35	135	178.9	6.33	20	P
Surr: DCB	24		25.00		96.0	12	151		0	0	P
Surr: TCX	19		25.00		75.4	18	147		0	0	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2878**

Sample ID **MB-2878**	SampType: **MBLK**	TestCode: **8082_S**	Units: **%REC**	Prep Date: **11/10/2014**	RunNo: **4865**
Client ID: **PBS**	Batch ID: **2878**	TestNo: **SW8082A**	**SW3546**	Analysis Date: **11/11/2014**	SeqNo: **90205**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	24		25.00		96.3	12	151				P
Surr: TCX	23		25.00		92.0	18	147				

Sample ID **LCS-2878**	SampType: **LCS**	TestCode: **8082_S**	Units: **%REC**	Prep Date: **11/10/2014**	RunNo: **4865**
Client ID: **LCSS**	Batch ID: **2878**	TestNo: **SW8082A**	**SW3546**	Analysis Date: **11/11/2014**	SeqNo: **90357**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	35		25.00		141	12	151				P
Surr: TCX	23		25.00		92.7	18	147				

Sample ID **LCSD-2878**	SampType: **LCSD**	TestCode: **8082_S**	Units: **%REC**	Prep Date: **11/10/2014**	RunNo: **4865**
Client ID: **LCSS02**	Batch ID: **2878**	TestNo: **SW8082A**	**SW3546**	Analysis Date: **11/12/2014**	SeqNo: **91393**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	36		25.00		144	12	151		0	0	P
Surr: TCX	22		25.00		88.5	18	147		0	0	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2879**

Sample ID **LCS-2879**	SampType: **LCS**	TestCode: **8081_S**	Units: **µg/Kg**	Prep Date: **11/10/2014**	RunNo: **4867**
Client ID: **LCSS**	Batch ID: **2879**	TestNo: **SW8081B**	**SW3546**	Analysis Date: **11/11/2014**	SeqNo: **90673**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobenzene	4.5	2.5	10.00	0	44.6	13	151				
Surr: TCX	18		25.00		72.0	19	145				
Surr: DCB	22		25.00		89.9	16	148				

Sample ID **MB-2879**	SampType: **MBLK**	TestCode: **8081_S**	Units: **µg/Kg**	Prep Date: **11/10/2014**	RunNo: **4867**
Client ID: **PBS**	Batch ID: **2879**	TestNo: **SW8081B**	**SW3546**	Analysis Date: **11/11/2014**	SeqNo: **91103**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Heptachlor	ND	3.0									U
Hexachlorobenzene	ND	2.5									U
Methoxychlor	ND	2.5									U
Surr: TCX	22		25.00		89.1	19	145				
Surr: DCB	25		25.00		101	16	148				

Sample ID **LCSD-2879**	SampType: **LCSD**	TestCode: **8081_S**	Units: **%REC**	Prep Date: **11/10/2014**	RunNo: **4867**
Client ID: **LCSS02**	Batch ID: **2879**	TestNo: **SW8081B**	**SW3546**	Analysis Date: **11/12/2014**	SeqNo: **91123**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: TCX	20		25.00		81.2	19	145		0	20	
Surr: DCB	20		25.00		81.6	16	148		0	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2879**

Sample ID **LCS-2879**	SampType: **LCS**	TestCode: **8081_S**	Units: **µg/Kg**	Prep Date: **11/10/2014**	RunNo: **4866**
Client ID: **LCSS**	Batch ID: **2879**	TestNo: **SW8081B**	**SW3546**	Analysis Date: **11/11/2014**	SeqNo: **90659**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DBCP	8.6	2.5	10.00	0	86.5	11	146				
Hexachlorocyclopentadiene	8.8	3.0	10.00	0	87.9	23	148				
Toxaphene	240	25	350.0	0	69.4	30	145				
Surr: TCX	16		25.00		65.3	19	145				
Surr: DCB	21		25.00		85.7	16	148				

Sample ID **MB-2879**	SampType: **MBLK**	TestCode: **8081_S**	Units: **µg/Kg**	Prep Date: **11/10/2014**	RunNo: **4866**
Client ID: **PBS**	Batch ID: **2879**	TestNo: **SW8081B**	**SW3546**	Analysis Date: **11/11/2014**	SeqNo: **91072**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.5									U
4,4´-DDE	ND	2.5									U
4,4´-DDT	ND	2.5									U
Aldrin	ND	2.5									U
alpha-BHC	ND	2.5									U
alpha-Chlordane	ND	10									U
beta-BHC	ND	2.5									U
Chlorobenzilate	ND	2.5									U
DBCP	ND	2.5									U
delta-BHC	ND	2.5									U
Dieldrin	ND	2.5									U
Endosulfan I	ND	2.5									U
Endosulfan II	ND	2.5									U
Endosulfan sulfate	ND	2.5									U
Endrin	ND	2.5									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2879**

Sample ID **MB-2879** SampType: **MBLK** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **11/10/2014** RunNo: **4866**
Client ID: **PBS** Batch ID: **2879** TestNo: **SW8081B** **SW3546** Analysis Date: **11/11/2014** SeqNo: **91072**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endrin aldehyde	ND	2.5									U
Endrin ketone	ND	2.5									U
gamma-BHC	ND	2.5									U
gamma-Chlordane	ND	10									U
Heptachlor epoxide	ND	2.5									U
Hexachlorocyclopentadiene	ND	3.0									U
Toxaphene	ND	25									U
Surr: TCX	20		25.00		80.7	19	145				
Surr: DCB	26		25.00		103	16	148				

Sample ID **LCSD-2879** SampType: **LCSD** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **11/10/2014** RunNo: **4866**
Client ID: **LCSS02** Batch ID: **2879** TestNo: **SW8081B** **SW3546** Analysis Date: **11/12/2014** SeqNo: **91092**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DBCP	9.9	2.5	10.00	0	99.0	11	146	8.650	13.5	20	
Hexachlorobenzene	3.7	2.5	10.00	0	36.6	13	151	3.659	0.0273	20	P
Hexachlorocyclopentadiene	11	3.0	10.00	0	111	23	148	8.785	23.7	20	R
Toxaphene	190	25	350.0	0	54.3	30	145	242.8	24.3	20	PR
Surr: TCX	17		25.00		68.8	19	145		0	20	
Surr: DCB	15		25.00		60.5	16	148		0	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2880**

Sample ID **LCS-2880**	SampType: **LCS**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/10/2014**	RunNo: **4917**				
Client ID: **LCSS**	Batch ID: **2880**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/10/2014**	SeqNo: **91693**				

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	52	5.0	50.00	0	104	42	139				
1,1,2,2-Tetrachloroethane	56	5.0	50.00	0	111	44	138				
1,1,2-Trichloroethane	54	5.0	50.00	0	108	43	134				
1,1-Dichloroethane	51	5.0	50.00	0	102	41	142				
1,1-Dichloroethene	53	5.0	50.00	0	106	33	144				
1,2-Dichlorobenzene	43	5.0	50.00	0	86.9	45	128				
1,2-Dichloroethane	56	5.0	50.00	0	111	34	145				
1,2-Dichloropropane	50	5.0	50.00	0	101	44	135				
1,3-Dichlorobenzene	43	5.0	50.00	0	85.6	40	135				
1,4-Dichlorobenzene	42	5.0	50.00	0	84.1	42	129				
2-Chloroethyl vinyl ether	ND	5.0	50.00	0	0	30	146				SU
Benzene	51	5.0	50.00	0	102	46	137				
Bromodichloromethane	52	5.0	50.00	0	103	44	133				
Bromoform	60	5.0	50.00	0	119	39	147				*
Bromomethane	38	5.0	50.00	0	76.2	22	140				
Carbon tetrachloride	54	5.0	50.00	0	109	40	144				
Chlorobenzene	46	5.0	50.00	0	91.6	45	131				
Chloroethane	48	5.0	50.00	0	96.2	43	147				
Chloroform	51	5.0	50.00	0	103	40	138				
Chloromethane	56	5.0	50.00	0	112	32	151				
cis-1,3-Dichloropropene	49	5.0	50.00	0	97.4	44	137				
Dibromochloromethane	55	5.0	50.00	0	110	43	139				
Ethylbenzene	47	5.0	50.00	0	93.4	52	138				
Methylene chloride	23	10	50.00	0	46.0	20	120				B*
Tetrachloroethene	45	5.0	50.00	0	89.7	34	123				
Toluene	49	5.0	50.00	0	97.0	48	135				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2880**

Sample ID **LCS-2880** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/10/2014** RunNo: **4917**
Client ID: **LCSS** Batch ID: **2880** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/10/2014** SeqNo: **91693**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	50	5.0	50.00	0	101	43	137				
trans-1,3-Dichloropropene	54	5.0	50.00	0	108	48	135				
Trichloroethene	48	5.0	50.00	0	95.8	44	135				
Trichlorofluoromethane	52	5.0	50.00	0	104	52	149				
Vinyl chloride	58	5.0	50.00	0	116	49	154				
Surr: 4-Bromofluorobenzene	50		50.00		101	50	139				
Surr: Dibromofluoromethane	54		50.00		108	50	139				
Surr: Toluene-d8	51		50.00		102	71	120				

Sample ID **MB-2880** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/10/2014** RunNo: **4917**
Client ID: **PBS** Batch ID: **2880** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/10/2014** SeqNo: **91694**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									U
1,1,1-Trichloroethane	ND	5.0									U
1,1,2,2-Tetrachloroethane	ND	5.0									U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									U
1,1,2-Trichloroethane	ND	5.0									U
1,1-Dichloroethane	ND	5.0									U
1,1-Dichloroethene	ND	5.0									U
1,1-Dichloropropene	ND	5.0									U
1,2,3-Trichlorobenzene	ND	5.0									U
1,2,3-Trichloropropane	ND	5.0									U
1,2,4,5-Tetramethylbenzene	ND	5.0									U
1,2,4-Trichlorobenzene	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2880**

Sample ID **MB-2880** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/10/2014** RunNo: **4917**
Client ID: **PBS** Batch ID: **2880** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/10/2014** SeqNo: **91694**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	ND	5.0									U
1,2-Dibromo-3-chloropropane	ND	5.0									U
1,2-Dibromoethane	ND	5.0									U
1,2-Dichlorobenzene	ND	5.0									U
1,2-Dichloroethane	ND	5.0									U
1,2-Dichloropropane	ND	5.0									U
1,3,5-Trimethylbenzene	ND	5.0									U
1,3-Dichlorobenzene	ND	5.0									U
1,3-dichloropropane	ND	5.0									U
1,4-Dichlorobenzene	ND	5.0									U
1,4-Dioxane	ND	5.0									U
2,2-Dichloropropane	ND	5.0									U
2-Butanone	ND	10									U
2-Chloroethyl vinyl ether	ND	5.0									U
2-Chlorotoluene	ND	5.0									U
2-Hexanone	ND	10									U
2-Propanol	ND	5.0									U
4-Chlorotoluene	ND	5.0									U
4-Isopropyltoluene	ND	5.0									U
4-Methyl-2-pentanone	ND	10									U
Acetone	ND	10									U*
Benzene	ND	5.0									U
Bromobenzene	ND	5.0									U
Bromochloromethane	ND	5.0									U
Bromodichloromethane	ND	5.0									U
Bromoform	ND	5.0									U*

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2880**

Sample ID **MB-2880**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/10/2014**	RunNo: **4917**
Client ID: **PBS**	Batch ID: **2880**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/10/2014**	SeqNo: **91694**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	ND	5.0									U
Carbon disulfide	ND	5.0									U
Carbon tetrachloride	ND	5.0									U
Chlorobenzene	ND	5.0									U
Chlorodifluoromethane	ND	5.0									U
Chloroethane	ND	5.0									U
Chloroform	ND	5.0									U
Chloromethane	ND	5.0									U
cis-1,2-Dichloroethene	ND	5.0									U
cis-1,3-Dichloropropene	ND	5.0									U
Cyclohexane	ND	5.0									U
Dibromochloromethane	ND	5.0									U
Dibromomethane	ND	5.0									U
Dichlorodifluoromethane	ND	5.0									U
Diisopropyl ether	ND	5.0									U
Ethanol	ND	20									U
Ethylbenzene	ND	5.0									U
Freon-114	ND	5.0									U
Hexachlorobutadiene	ND	5.0									U
Isopropylbenzene	ND	5.0									U
m,p-Xylene	ND	10									U
Methyl Acetate	ND	5.0									U
Methyl tert-butyl ether	ND	5.0									U
Methylene chloride	5.7	10									J*
n-Butylbenzene	ND	5.0									U
n-Propylbenzene	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2880**

Sample ID **MB-2880**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/10/2014**	RunNo: **4917**
Client ID: **PBS**	Batch ID: **2880**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/10/2014**	SeqNo: **91694**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	5.0									U
o-Xylene	ND	5.0									U
p-Diethylbenzene	ND	5.0									U
p-Ethyltoluene	ND	5.0									U
sec-Butylbenzene	ND	5.0									U
Styrene	ND	5.0									U
t-Butyl alcohol	ND	5.0									U
tert-Butylbenzene	ND	5.0									U
Tetrachloroethene	ND	5.0									U
Toluene	ND	5.0									U
trans-1,2-Dichloroethene	ND	5.0									U
trans-1,3-Dichloropropene	ND	5.0									U
Trichloroethene	ND	5.0									U
Trichlorofluoromethane	ND	5.0									U
Vinyl acetate	ND	5.0									U
Vinyl chloride	ND	5.0									U
Surr: 4-Bromofluorobenzene	49		50.00		97.7	50	139				
Surr: Dibromofluoromethane	53		50.00		106	50	138				
Surr: Toluene-d8	51		50.00		102	71	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2880**

Sample ID **LCS-2880**	SampType: **LCS**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/10/2014**	RunNo: **4897**
Client ID: **LCSS**	Batch ID: **2880**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/10/2014**	SeqNo: **91321**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	52	5.0	50.00	0	104	42	139				
1,1,2,2-Tetrachloroethane	56	5.0	50.00	0	111	44	138				
1,1,2-Trichloroethane	54	5.0	50.00	0	108	43	134				
1,1-Dichloroethane	51	5.0	50.00	0	102	41	142				
1,1-Dichloroethene	53	5.0	50.00	0	106	33	144				
1,2-Dichlorobenzene	43	5.0	50.00	0	86.9	45	128				
1,2-Dichloroethane	56	5.0	50.00	0	111	34	145				
1,2-Dichloropropane	50	5.0	50.00	0	101	44	135				
1,3-Dichlorobenzene	43	5.0	50.00	0	85.6	40	135				
1,4-Dichlorobenzene	42	5.0	50.00	0	84.1	42	129				
2-Chloroethyl vinyl ether	ND	5.0	50.00	0	0	30	146				SU
Benzene	51	5.0	50.00	0	102	46	137				
Bromodichloromethane	52	5.0	50.00	0	103	44	133				
Bromoform	60	5.0	50.00	0	119	39	147				*
Bromomethane	38	5.0	50.00	0	76.2	22	140				
Carbon tetrachloride	54	5.0	50.00	0	109	40	144				
Chlorobenzene	46	5.0	50.00	0	91.6	45	131				
Chloroethane	48	5.0	50.00	0	96.2	43	147				
Chloroform	51	5.0	50.00	0	103	40	138				
Chloromethane	56	5.0	50.00	0	112	32	151				
cis-1,3-Dichloropropene	49	5.0	50.00	0	97.4	44	137				
Dibromochloromethane	55	5.0	50.00	0	110	43	139				
Ethylbenzene	47	5.0	50.00	0	93.4	52	138				
Methylene chloride	23	10	50.00	0	46.0	20	120				B*
Tetrachloroethene	45	5.0	50.00	0	89.7	34	123				
Toluene	49	5.0	50.00	0	97.0	48	135				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2880**

Sample ID **LCS-2880** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/10/2014** RunNo: **4897**
Client ID: **LCSS** Batch ID: **2880** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/10/2014** SeqNo: **91321**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	50	5.0	50.00	0	101	43	137				
trans-1,3-Dichloropropene	54	5.0	50.00	0	108	48	135				
Trichloroethene	48	5.0	50.00	0	95.8	44	135				
Trichlorofluoromethane	52	5.0	50.00	0	104	52	149				
Vinyl chloride	58	5.0	50.00	0	116	49	154				
Surr: 4-Bromofluorobenzene	50		50.00		101	50	139				
Surr: Dibromofluoromethane	54		50.00		108	50	139				
Surr: Toluene-d8	51		50.00		102	71	120				

Sample ID **MB-2880** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/10/2014** RunNo: **4897**
Client ID: **PBS** Batch ID: **2880** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/10/2014** SeqNo: **91322**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									U
1,1,1-Trichloroethane	ND	5.0									U
1,1,2,2-Tetrachloroethane	ND	5.0									U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									U
1,1,2-Trichloroethane	ND	5.0									U
1,1-Dichloroethane	ND	5.0									U
1,1-Dichloroethene	ND	5.0									U
1,1-Dichloropropene	ND	5.0									U
1,2,3-Trichlorobenzene	ND	5.0									U
1,2,3-Trichloropropane	ND	5.0									U
1,2,4,5-Tetramethylbenzene	ND	5.0									U
1,2,4-Trichlorobenzene	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2880**

Sample ID **MB-2880** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/10/2014** RunNo: **4897**
Client ID: **PBS** Batch ID: **2880** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/10/2014** SeqNo: **91322**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	ND	5.0									U
1,2-Dibromo-3-chloropropane	ND	5.0									U
1,2-Dibromoethane	ND	5.0									U
1,2-Dichlorobenzene	ND	5.0									U
1,2-Dichloroethane	ND	5.0									U
1,2-Dichloropropane	ND	5.0									U
1,3,5-Trimethylbenzene	ND	5.0									U
1,3-Dichlorobenzene	ND	5.0									U
1,3-dichloropropane	ND	5.0									U
1,4-Dichlorobenzene	ND	5.0									U
1,4-Dioxane	ND	5.0									U
2,2-Dichloropropane	ND	5.0									U
2-Butanone	ND	10									U
2-Chloroethyl vinyl ether	ND	5.0									U
2-Chlorotoluene	ND	5.0									U
2-Hexanone	ND	10									U
2-Propanol	ND	5.0									U
4-Chlorotoluene	ND	5.0									U
4-Isopropyltoluene	ND	5.0									U
4-Methyl-2-pentanone	ND	10									U
Acetone	ND	10									U*
Benzene	ND	5.0									U
Bromobenzene	ND	5.0									U
Bromochloromethane	ND	5.0									U
Bromodichloromethane	ND	5.0									U
Bromoform	ND	5.0									U*

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2880**

Sample ID **MB-2880** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/10/2014** RunNo: **4897**
Client ID: **PBS** Batch ID: **2880** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/10/2014** SeqNo: **91322**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	ND	5.0									U
Carbon disulfide	ND	5.0									U
Carbon tetrachloride	ND	5.0									U
Chlorobenzene	ND	5.0									U
Chlorodifluoromethane	ND	5.0									U
Chloroethane	ND	5.0									U
Chloroform	ND	5.0									U
Chloromethane	ND	5.0									U
cis-1,2-Dichloroethene	ND	5.0									U
cis-1,3-Dichloropropene	ND	5.0									U
Cyclohexane	ND	5.0									U
Dibromochloromethane	ND	5.0									U
Dibromomethane	ND	5.0									U
Dichlorodifluoromethane	ND	5.0									U
Diisopropyl ether	ND	5.0									U
Ethanol	ND	20									U
Ethylbenzene	ND	5.0									U
Freon-114	ND	5.0									U
Hexachlorobutadiene	ND	5.0									U
Isopropylbenzene	ND	5.0									U
m,p-Xylene	ND	10									U
Methyl Acetate	ND	5.0									U
Methyl tert-butyl ether	ND	5.0									U
Methylene chloride	5.7	10									J*
n-Butylbenzene	ND	5.0									U
n-Propylbenzene	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2880**

Sample ID **MB-2880** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/10/2014** RunNo: **4897**
Client ID: **PBS** Batch ID: **2880** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/10/2014** SeqNo: **91322**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	5.0									U
o-Xylene	ND	5.0									U
p-Diethylbenzene	ND	5.0									U
p-Ethyltoluene	ND	5.0									U
sec-Butylbenzene	ND	5.0									U
Styrene	ND	5.0									U
t-Butyl alcohol	ND	5.0									U
tert-Butylbenzene	ND	5.0									U
Tetrachloroethene	ND	5.0									U
Toluene	ND	5.0									U
trans-1,2-Dichloroethene	ND	5.0									U
trans-1,3-Dichloropropene	ND	5.0									U
Trichloroethene	ND	5.0									U
Trichlorofluoromethane	ND	5.0									U
Vinyl acetate	ND	5.0									U
Vinyl chloride	ND	5.0									U
Surr: 4-Bromofluorobenzene	49		50.00		97.7	50	139				
Surr: Dibromofluoromethane	53		50.00		106	50	138				
Surr: Toluene-d8	51		50.00		102	71	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2884**

Sample ID **MB-2884** SampType: **MBLK** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **11/10/2014** RunNo: **4854**
Client ID: **PBS** Batch ID: **2884** TestNo: **SW8270D** **SW3546** Analysis Date: **11/11/2014** SeqNo: **90108**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biphenyl	ND	250									U
1,2,4-Trichlorobenzene	ND	250									U
1,2-Dichlorobenzene	ND	250									U
1,3-Dichlorobenzene	ND	250									U
1,4-Dichlorobenzene	ND	250									U
2,4,5-Trichlorophenol	ND	250									U
2,4,6-Trichlorophenol	ND	250									U
2,4-Dichlorophenol	ND	250									U
2,4-Dimethylphenol	ND	250									U
2,4-Dinitrophenol	ND	500									U*
2,4-Dinitrotoluene	ND	250									U
2,6-Dinitrotoluene	ND	250									U
2-Chloronaphthalene	ND	250									U
2-Chlorophenol	ND	250									U
2-Methylnaphthalene	ND	250									U
2-Methylphenol	ND	250									U
2-Nitroaniline	ND	250									U*
2-Nitrophenol	ND	250									U
3+4-Methylphenol	ND	250									U
3-Nitroaniline	ND	250									U
4,6-Dinitro-2-methylphenol	ND	500									U*
4-Bromophenyl phenyl ether	ND	250									U
4-Chloro-3-methylphenol	ND	250									U
4-Chloroaniline	ND	250									U
4-Chlorophenyl phenyl ether	ND	250									U
4-Nitroaniline	ND	250									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2884**

Sample ID **MB-2884**	SampType: **MBLK**	TestCode: **8270_S**	Units: **µg/Kg**	Prep Date: **11/10/2014**	RunNo: **4854**
Client ID: **PBS**	Batch ID: **2884**	TestNo: **SW8270D**	**SW3546**	Analysis Date: **11/11/2014**	SeqNo: **90108**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	ND	500									U
Acenaphthene	ND	250									U
Acenaphthylene	ND	250									U
Acetophenone	ND	250									U
Aniline	ND	250									U
Anthracene	ND	250									U
Azobenzene	ND	250									U
Benzo(a)anthracene	ND	250									U
Benzo(a)pyrene	ND	150									U
Benzo(b)fluoranthene	ND	250									U
Benzo(g,h,i)perylene	ND	250									U
Benzo(k)fluoranthene	ND	250									U
Benzoic acid	ND	500									U
Benzyl alcohol	ND	250									U
Bis(2-chloroethoxy)methane	ND	250									U
Bis(2-chloroethyl)ether	ND	250									U
Bis(2-chloroisopropyl)ether	ND	250									U
Bis(2-ethylhexyl)phthalate	200	250									J
Butyl benzyl phthalate	ND	250									U
Carbazole	ND	250									U
Chrysene	ND	250									U
Di-n-butyl phthalate	ND	250									U
Di-n-octyl phthalate	ND	500									U
Dibenzo(a,h)anthracene	ND	150									U
Dibenzofuran	ND	250									U
Diethyl phthalate	ND	250									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2884**

Sample ID **MB-2884** SampType: **MBLK** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **11/10/2014** RunNo: **4854**
Client ID: **PBS** Batch ID: **2884** TestNo: **SW8270D** **SW3546** Analysis Date: **11/11/2014** SeqNo: **90108**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dimethyl phthalate	ND	250									U
Fluoranthene	ND	250									U
Fluorene	ND	250									U
Hexachlorobenzene	ND	250									U
Hexachlorobutadiene	ND	250									U
Hexachlorocyclopentadiene	ND	250									U
Hexachloroethane	ND	250									U
Indeno(1,2,3-c,d)pyrene	ND	250									U
Isophorone	ND	250									U
N-Nitrosodi-n-propylamine	ND	150									U
N-Nitrosodimethylamine	ND	250									U
N-Nitrosodiphenylamine	ND	250									U
Naphthalene	ND	250									U
Nitrobenzene	ND	250									U
Parathion	ND	500									U*
Pentachlorophenol	ND	500									U
Phenanthrene	ND	250									U
Phenol	ND	250									U
Pyrene	ND	250									U
Pyridine	ND	250									U
Surr: 2,4,6-Tribromophenol	1300		2000		67.3	14	144				
Surr: 2-Fluorobiphenyl	910		1000		90.9	17	129				
Surr: 2-Fluorophenol	1600		2000		79.2	21	149				
Surr: 4-Terphenyl-d14	1000		1000		104	18	134				
Surr: Nitrobenzene-d5	730		1000		73.1	18	125				
Surr: Phenol-d6	1600		2000		79.5	20	147				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2884**

Sample ID	**MB-2884**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**11/10/2014**	RunNo:	**4854**
Client ID:	**PBS**	Batch ID:	**2884**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**11/11/2014**	SeqNo:	**90108**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	**LCS-2884**	SampType:	**LCS**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**11/10/2014**	RunNo:	**4854**
Client ID:	**LCSS**	Batch ID:	**2884**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**11/11/2014**	SeqNo:	**90109**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biphenyl	1500	250	2000	0	76.2	28	126				
1,2,4-Trichlorobenzene	1400	250	2000	0	69.7	20	126				
1,2-Dichlorobenzene	1400	250	2000	0	68.3	23	128				
1,3-Dichlorobenzene	1300	250	2000	0	67.3	22	121				
1,4-Dichlorobenzene	1300	250	2000	0	66.3	20	128				
2,4,5-Trichlorophenol	ND	250		0	0	23	135				U
2,4,6-Trichlorophenol	1400	250	2000	0	70.3	20	128				
2,4-Dichlorophenol	1400	250	2000	0	67.5	20	125				
2,4-Dimethylphenol	1300	250	2000	0	66.6	16	122				
2,4-Dinitrophenol	680	500	2000	0	33.8	1	112				*
2,4-Dinitrotoluene	1200	250	2000	0	57.9	20	127				
2,6-Dinitrotoluene	990	250	2000	0	49.7	12	125				
2-Chloronaphthalene	1600	250	2000	0	80.1	21	124				
2-Chlorophenol	1400	250	2000	0	68.8	23	133				
2-Methylnaphthalene	ND	250		0	0	22	120				U
2-Methylphenol	ND	250		0	0	24	130				U
2-Nitroaniline	ND	250		0	0	14	115				U*
2-Nitrophenol	1100	250	2000	0	57.3	15	129				
3+4-Methylphenol	ND	250		0	0	18	140				U
3-Nitroaniline	ND	250		0	0	14	120				U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2884**

Sample ID **LCS-2884** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **11/10/2014** RunNo: **4854**
Client ID: **LCSS** Batch ID: **2884** TestNo: **SW8270D** **SW3546** Analysis Date: **11/11/2014** SeqNo: **90109**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,6-Dinitro-2-methylphenol	790	500	2000	0	39.6	10	120				*
4-Bromophenyl phenyl ether	1500	250	2000	0	76.8	21	134				
4-Chloro-3-methylphenol	1300	250	2000	0	67.1	16	132				
4-Chloroaniline	ND	250		0	0	10	101				U
4-Chlorophenyl phenyl ether	1500	250	2000	0	72.7	20	127				
4-Nitroaniline	ND	250		0	0	20	133				U
4-Nitrophenol	1100	500	2000	0	54.0	5	125				
Acenaphthene	1500	250	2000	0	73.0	14	132				
Acenaphthylene	1500	250	2000	0	72.5	17	130				
Acetophenone	1400	250	2000	0	70.8	34	129				
Aniline	ND	250		0	0	5	105				U
Anthracene	1500	250	2000	0	72.9	20	132				
Azobenzene	ND	250		0	0	26	144				U
Benzo(a)anthracene	1600	250	2000	0	78.0	20	138				
Benzo(a)pyrene	1500	150	2000	0	74.0	14	130				
Benzo(b)fluoranthene	1500	250	2000	0	74.6	20	130				
Benzo(g,h,i)perylene	1500	250	2000	0	75.4	10	142				
Benzo(k)fluoranthene	1600	250	2000	0	82.2	20	137				m
Benzoic acid	ND	500		0	0	1	114				U
Benzyl alcohol	ND	250		0	0	20	130				U
Bis(2-chloroethoxy)methane	1400	250	2000	0	70.0	19	128				
Bis(2-chloroethyl)ether	1400	250	2000	0	71.3	20	139				
Bis(2-chloroisopropyl)ether	1400	250	2000	0	68.7	11	134				
Bis(2-ethylhexyl)phthalate	1400	250	2000	0	70.6	18	143				
Butyl benzyl phthalate	1500	250	2000	0	72.7	20	148				
Carbazole	ND	250		0	0	21	135				U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2884**

Sample ID **LCS-2884** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **11/10/2014** RunNo: **4854**
Client ID: **LCSS** Batch ID: **2884** TestNo: **SW8270D** **SW3546** Analysis Date: **11/11/2014** SeqNo: **90109**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	1600	250	2000	0	78.2	20	136				
Di-n-butyl phthalate	1500	250	2000	0	75.4	20	141				
Di-n-octyl phthalate	1300	500	2000	0	66.0	16	142				
Dibenzo(a,h)anthracene	1500	150	2000	0	75.0	11	140				
Dibenzofuran	ND	250		0	0	21	131				U
Diethyl phthalate	1400	250	2000	0	71.6	20	138				
Dimethyl phthalate	1400	250	2000	0	70.8	20	130				
Fluoranthene	1400	250	2000	0	72.4	16	130				
Fluorene	1400	250	2000	0	72.5	20	131				
Hexachlorobenzene	1500	250	2000	0	74.4	20	132				
Hexachlorobutadiene	1400	250	2000	0	71.9	20	126				
Hexachlorocyclopentadiene	1300	250	2000	0	65.2	14	128				
Hexachloroethane	1300	250	2000	0	67.0	20	132				
Indeno(1,2,3-c,d)pyrene	1500	250	2000	0	75.6	20	137				m
Isophorone	1400	250	2000	0	67.6	20	134				
N-Nitrosodi-n-propylamine	1300	150	2000	0	65.8	20	142				
N-Nitrosodimethylamine	1200	250	2000	0	59.6	15	138				
N-Nitrosodiphenylamine	1400	250	2000	0	69.8	5	100				
Naphthalene	1400	250	2000	0	69.9	20	131				
Nitrobenzene	1400	250	2000	0	68.7	21	131				
Parathion	ND	500		0	0	21	130				U*
Pentachlorophenol	1200	500	2000	0	57.6	10	128				
Phenanthrene	1500	250	2000	0	74.0	11	133				
Phenol	1300	250	2000	0	66.2	22	132				
Pyrene	1600	250	2000	0	80.6	11	137				
Pyridine	ND	250		0	0	1	101				U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2884**

Sample ID **LCS-2884** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **11/10/2014** RunNo: **4854**
Client ID: **LCSS** Batch ID: **2884** TestNo: **SW8270D** **SW3546** Analysis Date: **11/11/2014** SeqNo: **90109**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1700		2000		84.4	14	144				
Surr: 2-Fluorobiphenyl	910		1000		91.4	17	129				
Surr: 2-Fluorophenol	1600		2000		81.7	21	149				
Surr: 4-Terphenyl-d14	980		1000		98.3	18	134				
Surr: Nitrobenzene-d5	820		1000		81.5	18	125				
Surr: Phenol-d6	1600		2000		81.2	20	147				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2884**

Sample ID **MB-2884**	SampType: **MBLK**	TestCode: **8270_S**	Units: **µg/Kg**	Prep Date: **11/10/2014**	RunNo: **4855**
Client ID: **PBS**	Batch ID: **2884**	TestNo: **SW8270D**	**SW3546**	Analysis Date: **11/11/2014**	SeqNo: **90111**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3,3´-Dichlorobenzidine	ND	250									U
Atrazine	ND	250									U
Benzaldehyde	ND	500									U
Benzidine	ND	500									U
Caprolactam	ND	250									U

Sample ID **LCS-2884**	SampType: **LCS**	TestCode: **8270_S**	Units: **µg/Kg**	Prep Date: **11/10/2014**	RunNo: **4855**
Client ID: **LCSS**	Batch ID: **2884**	TestNo: **SW8270D**	**SW3546**	Analysis Date: **11/11/2014**	SeqNo: **90112**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3,3´-Dichlorobenzidine	ND	250		0	0	10	106				U
Atrazine	1600	250	2000	0	78.6	20	130				
Benzaldehyde	1500	500	2000	0	72.5	20	130				
Benzidine	ND	500		0	0	1	100				U
Caprolactam	1300	250	2000	0	64.9	20	130				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2886**

Sample ID **MBS111014B** SampType: **MBLK** TestCode: **ICPSCAN_S** Units: **mg/Kg** Prep Date: **11/10/2014** RunNo: **4852**
Client ID: **PBS** Batch ID: **2886** TestNo: **SW6010C** **SW3050B** Analysis Date: **11/11/2014** SeqNo: **90089**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.400									U
Antimony	ND	0.500									U
Arsenic	ND	0.500									U
Barium	ND	0.400									U
Beryllium	ND	0.400									U
Boron	ND	0.400									U
Cadmium	ND	0.400									U
Calcium	ND	0.500									U
Chromium	ND	0.400									U
Cobalt	ND	0.400									U
Copper	ND	0.400									U
Iron	ND	0.400									U
Lead	ND	0.400									U
Magnesium	ND	0.400									U
Manganese	ND	0.400									U
Molybdenum	ND	0.400									U
Nickel	ND	0.400									U
Potassium	ND	0.500									U
Selenium	ND	0.500									U
Silicon	ND	0.500									U
Silver	ND	0.400									U
Sodium	ND	0.500									U
Thallium	ND	0.500									U
Tin	ND	0.400									U
Titanium	ND	0.400									U
Vanadium	ND	0.400									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2886**

Sample ID **MBS111014B** SampType: **MBLK** TestCode: **ICPSCAN_S** Units: **mg/Kg** Prep Date: **11/10/2014** RunNo: **4852**
Client ID: **PBS** Batch ID: **2886** TestNo: **SW6010C** **SW3050B** Analysis Date: **11/11/2014** SeqNo: **90089**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	ND	0.400									U

Sample ID **LCSS111014B** SampType: **LCS** TestCode: **ICPSCAN_S** Units: **mg/Kg** Prep Date: **11/10/2014** RunNo: **4852**
Client ID: **LCSS** Batch ID: **2886** TestNo: **SW6010C** **SW3050B** Analysis Date: **11/11/2014** SeqNo: **90090**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	39.8	0.400	40.00	0	99.4	80	120				
Antimony	40.8	0.500	40.00	0	102	80	120				
Arsenic	40.3	0.500	40.00	0	101	80	120				
Barium	39.3	0.400	40.00	0	98.3	80	120				
Beryllium	40.6	0.400	40.00	0	101	80	120				
Cadmium	39.3	0.400	40.00	0	98.2	80	120				
Calcium	35.6	0.500	40.00	0	89.0	80	120				
Chromium	41.5	0.400	40.00	0	104	80	120				
Cobalt	41.1	0.400	40.00	0	103	80	120				
Copper	39.6	0.400	40.00	0	99.0	80	120				
Iron	38.6	0.400	40.00	0	96.5	80	120				
Lead	41.0	0.400	40.00	0	102	80	120				
Magnesium	39.4	0.400	40.00	0	98.6	80	120				
Manganese	39.0	0.400	40.00	0	97.5	80	120				
Molybdenum	40.8	0.400	40.00	0	102	80	120				
Nickel	41.1	0.400	40.00	0	103	80	120				
Potassium	391	0.500	400.0	0	97.8	80	120				
Selenium	40.8	0.500	40.00	0	102	80	120				
Silver	39.7	0.400	40.00	0	99.3	80	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2886**

Sample ID **LCSS111014B** SampType: **LCS** TestCode: **ICPSCAN_S** Units: **mg/Kg** Prep Date: **11/10/2014** RunNo: **4852**
Client ID: **LCSS** Batch ID: **2886** TestNo: **SW6010C** **SW3050B** Analysis Date: **11/11/2014** SeqNo: **90090**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sodium	42.0	0.500	40.00	0	105	80	120				
Thallium	38.4	0.500	40.00	0	96.1	80	120				
Vanadium	40.0	0.400	40.00	0	100	80	120				
Zinc	41.0	0.400	40.00	0	103	80	120				

Sample ID **1411039-004AMS** SampType: **MS** TestCode: **ICPSCAN_S** Units: **mg/Kg-dry** Prep Date: **11/10/2014** RunNo: **4852**
Client ID: **BatchQC** Batch ID: **2886** TestNo: **SW6010C** **SW3050B** Analysis Date: **11/11/2014** SeqNo: **90097**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4460	0.453	22.66	4520	-249	75	125				S
Antimony	20.1	0.566	22.66	0	88.7	75	125				
Arsenic	26.2	0.566	22.66	5.287	92.5	75	125				
Barium	129	0.453	22.66	112.3	72.2	75	125				S
Beryllium	20.8	0.453	22.66	0	91.6	75	125				
Cadmium	20.5	0.453	22.66	0.3511	89.0	75	125				
Calcium	9280	0.566	22.66	9434	-694	75	125				S
Chromium	31.6	0.453	22.66	11.63	87.9	75	125				
Cobalt	15.6	0.453	22.66	0	68.7	75	125				S
Copper	61.3	0.453	22.66	41.09	89.0	75	125				
Iron	5580	0.453	22.66	5614	-166	75	125				S
Lead	116	0.453	22.66	99.34	71.5	75	125				S
Magnesium	3920	0.453	22.66	3986	-293	75	125				S
Manganese	166	0.453	22.66	151.0	68.0	75	125				S
Molybdenum	20.6	0.453	22.66	0.4130	89.3	75	125				
Nickel	29.5	0.453	22.66	10.99	81.5	75	125				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2886**

Sample ID **1411039-004AMS** SampType: **MS** TestCode: **ICPSCAN_S** Units: **mg/Kg-dry** Prep Date: **11/10/2014** RunNo: **4852**
Client ID: **BatchQC** Batch ID: **2886** TestNo: **SW6010C** **SW3050B** Analysis Date: **11/11/2014** SeqNo: **90097**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Potassium	1240	0.566	226.6	973.7	117	75	125				
Selenium	20.5	0.566	22.66	0	90.5	75	125				
Silver	21.8	0.453	22.66	0.3421	94.7	75	125				
Sodium	174	0.566	22.66	153.6	91.6	75	125				
Thallium	19.4	0.566	22.66	0.4903	83.6	75	125				
Vanadium	37.8	0.453	22.66	18.39	85.7	75	125				
Zinc	127	0.453	22.66	108.9	78.3	75	125				

Sample ID **1411039-004AMSD** SampType: **MSD** TestCode: **ICPSCAN_S** Units: **mg/Kg-dry** Prep Date: **11/10/2014** RunNo: **4852**
Client ID: **BatchQC** Batch ID: **2886** TestNo: **SW6010C** **SW3050B** Analysis Date: **11/11/2014** SeqNo: **90098**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4440	0.451	22.57	4520	-343	75	125	4463	0.475	20	S
Antimony	19.9	0.564	22.57	0	88.4	75	125	20.09	0.701	20	
Arsenic	26.2	0.564	22.57	5.287	92.8	75	125	26.24	0.0769	20	
Barium	128	0.451	22.57	112.3	69.2	75	125	128.7	0.575	20	S
Beryllium	20.7	0.451	22.57	0	91.7	75	125	20.77	0.295	20	
Cadmium	20.4	0.451	22.57	0.3511	88.8	75	125	20.53	0.704	20	
Calcium	9220	0.564	22.57	9434	-943	75	125	9276	0.602	20	S
Chromium	31.4	0.451	22.57	11.63	87.4	75	125	31.56	0.645	20	
Cobalt	15.5	0.451	22.57	0	68.5	75	125	15.56	0.593	20	S
Copper	61.1	0.451	22.57	41.09	88.5	75	125	61.27	0.310	20	
Iron	5530	0.451	22.57	5614	-361	75	125	5576	0.788	20	S
Lead	115	0.451	22.57	99.34	68.9	75	125	115.5	0.563	20	S
Magnesium	3910	0.451	22.57	3986	-320	75	125	3920	0.153	20	S

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac

Project: Camco

BatchID: **2886**

Sample ID **1411039-004AMSD** SampType: **MSD** TestCode: **ICPSCAN_S** Units: **mg/Kg-dry** Prep Date: **11/10/2014** RunNo: **4852**

Client ID: **BatchQC** Batch ID: **2886** TestNo: **SW6010C** **SW3050B** Analysis Date: **11/11/2014** SeqNo: **90098**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Manganese	165	0.451	22.57	151.0	63.8	75	125	166.4	0.614	20	S
Molybdenum	20.6	0.451	22.57	0.4130	89.3	75	125	20.65	0.401	20	
Nickel	29.3	0.451	22.57	10.99	81.2	75	125	29.46	0.497	20	
Potassium	1240	0.564	225.7	973.7	117	75	125	1239	0.176	20	
Selenium	20.3	0.564	22.57	0	90.1	75	125	20.52	0.856	20	
Silver	21.7	0.451	22.57	0.3421	94.5	75	125	21.79	0.573	20	
Sodium	174	0.564	22.57	153.6	89.3	75	125	174.3	0.348	20	
Thallium	19.3	0.564	22.57	0.4903	83.2	75	125	19.44	0.935	20	
Vanadium	37.6	0.451	22.57	18.39	85.2	75	125	37.82	0.503	20	
Zinc	126	0.451	22.57	108.9	76.0	75	125	126.6	0.477	20	

Qualifiers:

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2888**

Sample ID	**MBS111014B**	SampType:	**MBLK**	TestCode:	**HG_S**	Units:	**mg/Kg**	Prep Date:	**11/10/2014**	RunNo:	**4853**
Client ID:	**PBS**	Batch ID:	**2888**	TestNo:	**SW7471B**	**SW7471B**		Analysis Date:	**11/11/2014**	SeqNo:	**90038**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.0120									U

Sample ID	**1411039-004AMS**	SampType:	**MS**	TestCode:	**HG_S**	Units:	**mg/Kg-dry**	Prep Date:	**11/10/2014**	RunNo:	**4853**
Client ID:	**BatchQC**	Batch ID:	**2888**	TestNo:	**SW7471B**	**SW7471B**		Analysis Date:	**11/11/2014**	SeqNo:	**90045**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.215	0.0130	0.2167	0	99.3	80	120				

Sample ID	**1411039-004AMSD**	SampType:	**MSD**	TestCode:	**HG_S**	Units:	**mg/Kg-dry**	Prep Date:	**11/10/2014**	RunNo:	**4853**
Client ID:	**BatchQC**	Batch ID:	**2888**	TestNo:	**SW7471B**	**SW7471B**		Analysis Date:	**11/11/2014**	SeqNo:	**90046**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.220	0.0129	0.2146	0	103	80	120	0.2150	2.27	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2913**

Sample ID **LCS-2913**	SampType: **LCS**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/12/2014**	RunNo: **4898**
Client ID: **LCSS**	Batch ID: **2913**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/12/2014**	SeqNo: **91328**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	47	5.0	50.00	0	94.2	42	139				
1,1,2,2-Tetrachloroethane	39	5.0	50.00	0	78.0	44	138				
1,1,2-Trichloroethane	45	5.0	50.00	0	90.2	43	134				
1,1-Dichloroethane	45	5.0	50.00	0	90.4	41	142				
1,1-Dichloroethene	45	5.0	50.00	0	90.8	33	144				
1,2-Dichlorobenzene	43	5.0	50.00	0	86.6	45	128				
1,2-Dichloroethane	45	5.0	50.00	0	89.4	34	145				
1,2-Dichloropropane	46	5.0	50.00	0	91.9	44	135				
1,3-Dichlorobenzene	43	5.0	50.00	0	86.8	40	135				
1,4-Dichlorobenzene	42	5.0	50.00	0	84.6	42	129				
2-Chloroethyl vinyl ether	51	5.0	50.00	0	103	30	146				*
Benzene	46	5.0	50.00	0	92.6	46	137				
Bromodichloromethane	47	5.0	50.00	0	93.6	44	133				
Bromoform	46	5.0	50.00	0	92.9	39	147				
Bromomethane	42	5.0	50.00	0	84.7	22	140				
Carbon tetrachloride	49	5.0	50.00	0	97.7	40	144				
Chlorobenzene	46	5.0	50.00	0	91.4	45	131				
Chloroethane	46	5.0	50.00	0	92.6	43	147				
Chloroform	46	5.0	50.00	0	91.7	40	138				
Chloromethane	49	5.0	50.00	0	98.9	32	151				
cis-1,3-Dichloropropene	45	5.0	50.00	0	90.8	44	137				
Dibromochloromethane	47	5.0	50.00	0	93.8	43	139				
Ethylbenzene	46	5.0	50.00	0	91.7	52	138				
Methylene chloride	18	10	50.00	0	35.2	20	120				*
Tetrachloroethene	44	5.0	50.00	0	89.0	34	123				*
Toluene	46	5.0	50.00	0	91.8	48	135				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2913**

Sample ID **LCS-2913** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/12/2014** RunNo: **4898**
Client ID: **LCSS** Batch ID: **2913** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/12/2014** SeqNo: **91328**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	47	5.0	50.00	0	93.0	43	137				
trans-1,3-Dichloropropene	47	5.0	50.00	0	94.7	48	135				
Trichloroethene	49	5.0	50.00	0	97.4	44	135				
Trichlorofluoromethane	48	5.0	50.00	0	95.8	52	149				
Vinyl chloride	52	5.0	50.00	0	103	49	154				
Surr: 4-Bromofluorobenzene	50		50.00		100	50	139				
Surr: Dibromofluoromethane	50		50.00		100	50	139				
Surr: Toluene-d8	50		50.00		99.2	71	120				

Sample ID **MB-2913** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/12/2014** RunNo: **4898**
Client ID: **PBS** Batch ID: **2913** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/12/2014** SeqNo: **91329**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									U
1,1,1-Trichloroethane	ND	5.0									U
1,1,2,2-Tetrachloroethane	ND	5.0									U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									U
1,1,2-Trichloroethane	ND	5.0									U
1,1-Dichloroethane	ND	5.0									U
1,1-Dichloroethene	ND	5.0									U
1,1-Dichloropropene	ND	5.0									U
1,2,3-Trichlorobenzene	ND	5.0									U
1,2,3-Trichloropropane	ND	5.0									U
1,2,4,5-Tetramethylbenzene	ND	5.0									U
1,2,4-Trichlorobenzene	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2913**

Sample ID **MB-2913** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/12/2014** RunNo: **4898**
Client ID: **PBS** Batch ID: **2913** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/12/2014** SeqNo: **91329**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	ND	5.0									U
1,2-Dibromo-3-chloropropane	ND	5.0									U
1,2-Dibromoethane	ND	5.0									U
1,2-Dichlorobenzene	ND	5.0									U
1,2-Dichloroethane	ND	5.0									U
1,2-Dichloropropane	ND	5.0									U
1,3,5-Trimethylbenzene	ND	5.0									U
1,3-Dichlorobenzene	ND	5.0									U
1,3-dichloropropane	ND	5.0									U
1,4-Dichlorobenzene	ND	5.0									U
1,4-Dioxane	ND	5.0									U
2,2-Dichloropropane	ND	5.0									U
2-Butanone	ND	10									U*
2-Chloroethyl vinyl ether	ND	5.0									U*
2-Chlorotoluene	ND	5.0									U
2-Hexanone	ND	10									U
2-Propanol	ND	5.0									U
4-Chlorotoluene	ND	5.0									U
4-Isopropyltoluene	ND	5.0									U
4-Methyl-2-pentanone	ND	10									U
Acetone	ND	10									U*
Benzene	ND	5.0									U
Bromobenzene	ND	5.0									U
Bromochloromethane	ND	5.0									U
Bromodichloromethane	ND	5.0									U
Bromoform	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2913**

Sample ID **MB-2913** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/12/2014** RunNo: **4898**
Client ID: **PBS** Batch ID: **2913** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/12/2014** SeqNo: **91329**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	ND	5.0									U
Carbon disulfide	ND	5.0									U
Carbon tetrachloride	ND	5.0									U
Chlorobenzene	ND	5.0									U
Chlorodifluoromethane	ND	5.0									U
Chloroethane	ND	5.0									U
Chloroform	ND	5.0									U
Chloromethane	ND	5.0									U
cis-1,2-Dichloroethene	ND	5.0									U
cis-1,3-Dichloropropene	ND	5.0									U
Cyclohexane	ND	5.0									U
Dibromochloromethane	ND	5.0									U
Dibromomethane	ND	5.0									U
Dichlorodifluoromethane	ND	5.0									U
Diisopropyl ether	ND	5.0									U
Ethanol	ND	20									U
Ethylbenzene	ND	5.0									U
Freon-114	ND	5.0									U
Hexachlorobutadiene	ND	5.0									U
Isopropylbenzene	ND	5.0									U
m,p-Xylene	ND	10									U
Methyl Acetate	ND	5.0									U
Methyl tert-butyl ether	ND	5.0									U
Methylene chloride	ND	10									U*
n-Butylbenzene	ND	5.0									U
n-Propylbenzene	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2913**

Sample ID **MB-2913**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/12/2014**	RunNo: **4898**
Client ID: **PBS**	Batch ID: **2913**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/12/2014**	SeqNo: **91329**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	5.0									U
o-Xylene	ND	5.0									U
p-Diethylbenzene	ND	5.0									U
p-Ethyltoluene	ND	5.0									U
sec-Butylbenzene	ND	5.0									U
Styrene	ND	5.0									U
t-Butyl alcohol	ND	5.0									U
tert-Butylbenzene	ND	5.0									U*
Tetrachloroethene	ND	5.0									U
Toluene	ND	5.0									U
trans-1,2-Dichloroethene	ND	5.0									U
trans-1,3-Dichloropropene	ND	5.0									U
Trichloroethene	ND	5.0									U
Trichlorofluoromethane	ND	5.0									U
Vinyl acetate	ND	5.0									U
Vinyl chloride	ND	5.0									U
Surr: 4-Bromofluorobenzene	50		50.00		101	50	139				
Surr: Dibromofluoromethane	49		50.00		98.7	50	138				
Surr: Toluene-d8	50		50.00		99.8	71	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2913**

Sample ID **LCS-2913** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/12/2014** RunNo: **4927**
Client ID: **LCSS** Batch ID: **2913** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/12/2014** SeqNo: **91915**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	47	5.0	50.00	0	94.2	42	139				
1,1,2,2-Tetrachloroethane	39	5.0	50.00	0	78.0	44	138				
1,1,2-Trichloroethane	45	5.0	50.00	0	90.2	43	134				
1,1-Dichloroethane	45	5.0	50.00	0	90.4	41	142				
1,1-Dichloroethene	45	5.0	50.00	0	90.8	33	144				
1,2-Dichlorobenzene	43	5.0	50.00	0	86.6	45	128				
1,2-Dichloroethane	45	5.0	50.00	0	89.4	34	145				
1,2-Dichloropropane	46	5.0	50.00	0	91.9	44	135				
1,3-Dichlorobenzene	43	5.0	50.00	0	86.8	40	135				
1,4-Dichlorobenzene	42	5.0	50.00	0	84.6	42	129				
2-Chloroethyl vinyl ether	51	5.0	50.00	0	103	30	146				
Benzene	46	5.0	50.00	0	92.6	46	137				
Bromodichloromethane	47	5.0	50.00	0	93.6	44	133				
Bromoform	46	5.0	50.00	0	92.9	39	147				
Bromomethane	42	5.0	50.00	0	84.7	22	140				
Carbon tetrachloride	49	5.0	50.00	0	97.7	40	144				
Chlorobenzene	46	5.0	50.00	0	91.4	45	131				
Chloroethane	46	5.0	50.00	0	92.6	43	147				
Chloroform	46	5.0	50.00	0	91.7	40	138				
Chloromethane	49	5.0	50.00	0	98.9	32	151				
cis-1,3-Dichloropropene	45	5.0	50.00	0	90.8	44	137				
Dibromochloromethane	47	5.0	50.00	0	93.8	43	139				
Ethylbenzene	46	5.0	50.00	0	91.7	52	138				
Methylene chloride	18	10	50.00	0	35.2	20	120				
Tetrachloroethene	44	5.0	50.00	0	89.0	34	123				
Toluene	46	5.0	50.00	0	91.8	48	135				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2913**

Sample ID **LCS-2913** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/12/2014** RunNo: **4927**
Client ID: **LCSS** Batch ID: **2913** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/12/2014** SeqNo: **91915**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	47	5.0	50.00	0	93.0	43	137				
trans-1,3-Dichloropropene	47	5.0	50.00	0	94.7	48	135				
Trichloroethene	49	5.0	50.00	0	97.4	44	135				
Trichlorofluoromethane	48	5.0	50.00	0	95.8	52	149				
Vinyl chloride	52	5.0	50.00	0	103	49	154				
Surr: 4-Bromofluorobenzene	50		50.00		100	50	139				
Surr: Dibromofluoromethane	50		50.00		100	50	139				
Surr: Toluene-d8	50		50.00		99.2	71	120				

Sample ID **MB-2913** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/12/2014** RunNo: **4927**
Client ID: **PBS** Batch ID: **2913** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/12/2014** SeqNo: **91916**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									U
1,1,1-Trichloroethane	ND	5.0									U
1,1,2,2-Tetrachloroethane	ND	5.0									U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									U
1,1,2-Trichloroethane	ND	5.0									U
1,1-Dichloroethane	ND	5.0									U
1,1-Dichloroethene	ND	5.0									U
1,1-Dichloropropene	ND	5.0									U
1,2,3-Trichlorobenzene	ND	5.0									U
1,2,3-Trichloropropane	ND	5.0									U
1,2,4,5-Tetramethylbenzene	ND	5.0									U
1,2,4-Trichlorobenzene	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2913**

Sample ID **MB-2913**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/12/2014**	RunNo: **4927**
Client ID: **PBS**	Batch ID: **2913**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/12/2014**	SeqNo: **91916**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	ND	5.0									U
1,2-Dibromo-3-chloropropane	ND	5.0									U
1,2-Dibromoethane	ND	5.0									U
1,2-Dichlorobenzene	ND	5.0									U
1,2-Dichloroethane	ND	5.0									U
1,2-Dichloropropane	ND	5.0									U
1,3,5-Trimethylbenzene	ND	5.0									U
1,3-Dichlorobenzene	ND	5.0									U
1,3-dichloropropane	ND	5.0									U
1,4-Dichlorobenzene	ND	5.0									U
1,4-Dioxane	ND	5.0									U
2,2-Dichloropropane	ND	5.0									U
2-Butanone	ND	10									U
2-Chloroethyl vinyl ether	ND	5.0									U
2-Chlorotoluene	ND	5.0									U
2-Hexanone	ND	10									U
2-Propanol	ND	5.0									U
4-Chlorotoluene	ND	5.0									U
4-Isopropyltoluene	ND	5.0									U
4-Methyl-2-pentanone	ND	10									U
Acetone	ND	10									U
Benzene	ND	5.0									U
Bromobenzene	ND	5.0									U
Bromochloromethane	ND	5.0									U
Bromodichloromethane	ND	5.0									U
Bromoform	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2913**

Sample ID **MB-2913** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/12/2014** RunNo: **4927**
Client ID: **PBS** Batch ID: **2913** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/12/2014** SeqNo: **91916**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	ND	5.0									U
Carbon disulfide	ND	5.0									U
Carbon tetrachloride	ND	5.0									U
Chlorobenzene	ND	5.0									U
Chlorodifluoromethane	ND	5.0									U
Chloroethane	ND	5.0									U
Chloroform	ND	5.0									U
Chloromethane	ND	5.0									U
cis-1,2-Dichloroethene	ND	5.0									U
cis-1,3-Dichloropropene	ND	5.0									U
Cyclohexane	ND	5.0									U
Dibromochloromethane	ND	5.0									U
Dibromomethane	ND	5.0									U
Dichlorodifluoromethane	ND	5.0									U
Diisopropyl ether	ND	5.0									U
Ethanol	ND	20									U
Ethylbenzene	ND	5.0									U
Freon-114	ND	5.0									U
Hexachlorobutadiene	ND	5.0									U
Isopropylbenzene	ND	5.0									U
m,p-Xylene	ND	10									U
Methyl Acetate	ND	5.0									U
Methyl tert-butyl ether	ND	5.0									U
Methylene chloride	ND	10									U
n-Butylbenzene	ND	5.0									U
n-Propylbenzene	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2913**

Sample ID **MB-2913** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/12/2014** RunNo: **4927**
Client ID: **PBS** Batch ID: **2913** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/12/2014** SeqNo: **91916**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	5.0									U
o-Xylene	ND	5.0									U
p-Diethylbenzene	ND	5.0									U
p-Ethyltoluene	ND	5.0									U
sec-Butylbenzene	ND	5.0									U
Styrene	ND	5.0									U
t-Butyl alcohol	ND	5.0									U
tert-Butylbenzene	ND	5.0									U
Tetrachloroethene	ND	5.0									U
Toluene	ND	5.0									U
trans-1,2-Dichloroethene	ND	5.0									U
trans-1,3-Dichloropropene	ND	5.0									U
Trichloroethene	ND	5.0									U
Trichlorofluoromethane	ND	5.0									U
Vinyl acetate	ND	5.0									U
Vinyl chloride	ND	5.0									U
Surr: 4-Bromofluorobenzene	50		50.00		101	50	139				
Surr: Dibromofluoromethane	49		50.00		98.7	50	138				
Surr: Toluene-d8	50		50.00		99.8	71	120				

Sample ID **1411066-003AMS** SampType: **MS** TestCode: **8260_S** Units: **µg/Kg-dry** Prep Date: **11/12/2014** RunNo: **4927**
Client ID: **BatchQC** Batch ID: **2913** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/13/2014** SeqNo: **91920**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	46	5.2	51.63	0	88.6	22	144				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2913**

Sample ID **1411066-003AMS** SampType: **MS** TestCode: **8260_S** Units: **µg/Kg-dry** Prep Date: **11/12/2014** RunNo: **4927**
Client ID: **BatchQC** Batch ID: **2913** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/13/2014** SeqNo: **91920**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	36	5.2	51.63	0	69.6	21	133				
1,1,2-Trichloroethane	42	5.2	51.63	0	82.1	24	130				
1,1-Dichloroethane	44	5.2	51.63	0	84.4	29	138				
1,1-Dichloroethene	44	5.2	51.63	0	86.1	25	143				
1,2-Dichlorobenzene	40	5.2	51.63	0	78.3	14	130				
1,2-Dichloroethane	44	5.2	51.63	0	84.9	24	137				
1,2-Dichloropropane	43	5.2	51.63	0	83.1	30	132				
1,3-Dichlorobenzene	42	5.2	51.63	0	80.9	14	131				
1,4-Dichlorobenzene	40	5.2	51.63	0	77.0	19	128				
2-Chloroethyl vinyl ether	43	5.2	51.63	0	84.2	13	123				
Benzene	44	5.2	51.63	0	86.1	20	142				
Bromodichloromethane	44	5.2	51.63	0	86.1	24	126				
Bromoform	42	5.2	51.63	0	80.8	20	135				
Bromomethane	40	5.2	51.63	0	78.0	21	137				
Carbon tetrachloride	47	5.2	51.63	0	91.8	20	143				
Chlorobenzene	43	5.2	51.63	0	83.2	21	129				
Chloroethane	44	5.2	51.63	0	84.6	25	147				
Chloroform	45	5.2	51.63	0	86.3	34	133				
Chloromethane	45	5.2	51.63	0	87.8	30	148				
cis-1,3-Dichloropropene	43	5.2	51.63	0	82.4	20	130				
Dibromochloromethane	45	5.2	51.63	0	86.6	20	130				
Ethylbenzene	43	5.2	51.63	0	83.7	20	130				
Methylene chloride	17	10	51.63	3.776	25.5	20	130				
Tetrachloroethene	43	5.2	51.63	0	83.2	20	120				
Toluene	43	5.2	51.63	0	83.9	21	142				
trans-1,2-Dichloroethene	45	5.2	51.63	0	87.9	28	132				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2913**

Sample ID **1411066-003AMS** SampType: **MS** TestCode: **8260_S** Units: **µg/Kg-dry** Prep Date: **11/12/2014** RunNo: **4927**
Client ID: **BatchQC** Batch ID: **2913** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/13/2014** SeqNo: **91920**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	44	5.2	51.63	0	86.1	20	130				
Trichloroethene	45	5.2	51.63	0	87.5	22	147				
Trichlorofluoromethane	47	5.2	51.63	0	91.8	42	149				
Vinyl chloride	49	5.2	51.63	0	94.3	35	152				
Surr: 4-Bromofluorobenzene	52		51.63		102	50	139				
Surr: Dibromofluoromethane	54		51.63		104	50	138				
Surr: Toluene-d8	52		51.63		99.8	71	120				

Sample ID **1411066-003AMSD** SampType: **MSD** TestCode: **8260_S** Units: **µg/Kg-dry** Prep Date: **11/12/2014** RunNo: **4927**
Client ID: **BatchQC** Batch ID: **2913** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/13/2014** SeqNo: **91921**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	46	5.1	51.42	0	90.3	22	144	45.72	1.52	20	
1,1,2,2-Tetrachloroethane	36	5.1	51.42	0	70.7	21	133	35.96	1.08	20	
1,1,2-Trichloroethane	43	5.1	51.42	0	83.2	24	130	42.37	1.03	20	
1,1-Dichloroethane	44	5.1	51.42	0	84.7	29	138	43.57	0.0459	20	
1,1-Dichloroethene	45	5.1	51.42	0	86.7	25	143	44.44	0.340	20	
1,2-Dichlorobenzene	42	5.1	51.42	0	81.0	14	130	40.44	2.99	20	
1,2-Dichloroethane	43	5.1	51.42	0	84.4	24	137	43.86	1.01	20	
1,2-Dichloropropane	45	5.1	51.42	0	87.4	30	132	42.90	4.71	20	
1,3-Dichlorobenzene	43	5.1	51.42	0	83.0	14	131	41.77	2.11	20	
1,4-Dichlorobenzene	42	5.1	51.42	0	81.7	19	128	39.77	5.45	20	
2-Chloroethyl vinyl ether	44	5.1	51.42	0	85.7	13	123	43.48	1.39	20	
Benzene	45	5.1	51.42	0	86.8	20	142	44.43	0.501	20	
Bromodichloromethane	45	5.1	51.42	0	88.0	24	126	44.43	1.85	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco

BatchID: **2913**

Sample ID **1411066-003AMSD** SampType: **MSD** TestCode: **8260_S** Units: **µg/Kg-dry** Prep Date: **11/12/2014** RunNo: **4927**
Client ID: **BatchQC** Batch ID: **2913** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/13/2014** SeqNo: **91921**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	42	5.1	51.42	0	81.8	20	135	41.71	0.903	20	
Bromomethane	46	5.1	51.42	0	89.9	21	137	40.27	13.8	20	
Carbon tetrachloride	49	5.1	51.42	0	94.5	20	143	47.41	2.52	20	
Chlorobenzene	44	5.1	51.42	0	86.1	21	129	42.97	3.02	20	
Chloroethane	45	5.1	51.42	0	88.4	25	147	43.68	3.97	20	
Chloroform	45	5.1	51.42	0	87.9	34	133	44.54	1.44	20	
Chloromethane	50	5.1	51.42	0	96.6	30	148	45.35	9.10	20	
cis-1,3-Dichloropropene	44	5.1	51.42	0	85.1	20	130	42.55	2.78	20	
Dibromochloromethane	46	5.1	51.42	0	89.1	20	130	44.72	2.38	20	
Ethylbenzene	44	5.1	51.42	0	86.2	20	130	43.24	2.45	20	
Methylene chloride	17	10	51.42	3.776	26.0	20	130	16.97	1.05	20	
Tetrachloroethene	46	5.1	51.42	0	88.9	20	120	42.97	6.22	20	
Toluene	45	5.1	51.42	0	87.8	21	142	43.33	4.10	20	
trans-1,2-Dichloroethene	46	5.1	51.42	0	89.6	28	132	45.38	1.54	20	
trans-1,3-Dichloropropene	45	5.1	51.42	0	87.9	20	130	44.45	1.69	20	
Trichloroethene	47	5.1	51.42	0	90.5	22	147	45.19	2.90	20	
Trichlorofluoromethane	48	5.1	51.42	0	93.7	42	149	47.38	1.67	20	
Vinyl chloride	51	5.1	51.42	0	100	35	152	48.71	5.50	20	
Surr: 4-Bromofluorobenzene	55		51.42		106	50	139		0	20	
Surr: Dibromofluoromethane	53		51.42		104	50	138		0	20	
Surr: Toluene-d8	52		51.42		101	71	120		0	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1411047**

18-Nov-14

Client: Envirotrac
Project: Camco **BatchID:** **2960**

Sample ID	**MBS111714A**	SampType:	**MBLK**	TestCode:	**HG_S**	Units:	**mg/Kg**	Prep Date:	**11/17/2014**	RunNo:	**4973**
Client ID:	**PBS**	Batch ID:	**2960**	TestNo:	**SW7471B**	**SW7471B**		Analysis Date:	**11/18/2014**	SeqNo:	**92928**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.0120									U

Sample ID	**LCSS111714A**	SampType:	**LCS**	TestCode:	**HG_S**	Units:	**mg/Kg**	Prep Date:	**11/17/2014**	RunNo:	**4973**
Client ID:	**LCSS**	Batch ID:	**2960**	TestNo:	**SW7471B**	**SW7471B**		Analysis Date:	**11/18/2014**	SeqNo:	**92929**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.193	0.0120	0.2000	0	96.5	80	120				

Sample ID	**1411093-001BMS**	SampType:	**MS**	TestCode:	**HG_S**	Units:	**mg/Kg-dry**	Prep Date:	**11/17/2014**	RunNo:	**4973**
Client ID:	**BatchQC**	Batch ID:	**2960**	TestNo:	**SW7471B**	**SW7471B**		Analysis Date:	**11/18/2014**	SeqNo:	**92934**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.240	0.0127	0.2117	0.05345	88.0	80	120				

Sample ID	**1411093-001BMSD**	SampType:	**MSD**	TestCode:	**HG_S**	Units:	**mg/Kg-dry**	Prep Date:	**11/17/2014**	RunNo:	**4973**
Client ID:	**BatchQC**	Batch ID:	**2960**	TestNo:	**SW7471B**	**SW7471B**		Analysis Date:	**11/18/2014**	SeqNo:	**92935**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.245	0.0126	0.2096	0.05345	91.5	80	120	0.2397	2.27	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region One
Stony Brook University
50 Circle Road, Stony Brook, New York 11790-3409
Phone: (631) 444-0240 • **Fax:** (631) 444-0248
Website: www.dec.ny.gov

Joe Martens
Commissioner

November 25, 2014

Mr. Peter C. Breen
Senior Project Manager
EnviroTrac Environmental Services
5 Old Dock Road
Yaphank, NY 11980

Re: Former Central Aviation & Marine Corporation Site
Index # A1-0627-12-09 Site # 152206
Back Fill Material

Dear Mr. Breen:

The New York State Department of Environmental Conservation (the Department) is in receipt of the analytical results of the samples collected regarding proposed back fill material. The material is to be utilized at the subject site as part of the implementation of the approved Soil IRM work plan. In accordance with Table 5.4 (e) 10 of DER-10, four (4) discrete samples and two (2) composite samples were collected. The source of the material is Ranco Sand & Stone, 151 South Street, Manorville, New York.

This correspondence is to inform you that based on a review of the analytical data of the samples collected, the material is appropriate for the use at this site as backfill. At this time, the Department grants approval for the utilization of the material for the purpose of backfilling the excavation located at the Central Aviation & Marine Corporation site.

If you should have any questions, please feel free to contact me at (631)-444-0244 or via e-mail at john.sheehan@dec.ny.gov.

Sincerely,

John C. Sheehan
Project Manager

ec: J. Harrington, NYSDEC
W. Parish, NYSDEC
A. DeMarco, NYSDOH

Long Island Sound Transport, Inc.
A & R Materials, W.B.E.
P.O. Box 379 • Ronkonkoma, NY 11779

(631) 585-5736

Date: 1/23 20 15

Sold To: ENVIROTRAC

Job Site: Ronk

Truck # 10

QUANTITY	DESCRIPTION	AMOUNT	
25.23	STATE SAND		

Received By: [signature]

Print Name: Matthew Smith as agent for Town of Islip

84278

Curb Deliveries Only
Others Made Elsewhere Solely at the Purchaser's Risk
If suit becomes necessary for collection,
Customer agrees to pay all court costs & attorney fees.

Long Island Sound Transport, Inc.
A & R Materials, W.B.E.
P.O. Box 379 • Ronkonkoma, NY 11779

(631) 585-5736

Date: 1 23 20 15

Sold To: ENVIROTRAC

Job Site: Ronkonkoma

Truck # 15

QUANTITY	DESCRIPTION	AMOUNT	
26.86	State Sand		

Received By: [signature]

Print Name: Matthew Smith as agent for Town of Islip

84256

Curb Deliveries Only
Others Made Elsewhere Solely at the Purchaser's Risk
If suit becomes necessary for collection,
Customer agrees to pay all court costs & attorney fees.

Long Island Sound Transport, Inc.
A & R Materials, W.B.E.
P.O. Box 379 • Ronkonkoma, NY 11779

(631) 585-5736

#3

Date: 1/23 20 15

Sold To: ENVIROTRAC

Job Site: RONK

Truck # 10

QUANTITY	DESCRIPTION	AMOUNT	
25.07	STATE SAND		

Received By: [signature]

Print Name: [illegible]

84276

Curb Deliveries Only
Others Made Elsewhere Solely at the Purchaser's Risk
If suit becomes necessary for collection,
Customer agrees to pay all court costs & attorney fees.

Long Island Sound Transport, Inc.
A & R Materials, W.B.E.
P.O. Box 379 • Ronkonkoma, NY 11779

(631) 585-5736

#1

Date: 1-23 20 15

Sold To: Envirotrac

Job Site: Ronkonkoma

Truck # 15

QUANTITY	DESCRIPTION	AMOUNT	
7459	State Sand		

Received By: [signature]

Print Name: [illegible]

84253

Curb Deliveries Only
Others Made Elsewhere Solely at the Purchaser's Risk
If suit becomes necessary for collection,
Customer agrees to pay all court costs & attorney fees.

Long Island Sound Transport, Inc.
A & R Materials, W.B.E.
P.O. Box 379 • Ronkonkoma, NY 11779

(631) 585-5736

Date: 1/23 20 15

Sold To: ENVIROTRAC

Job Site: Ronk.

Truck # 19

QUANTITY	DESCRIPTION	AMOUNT
25.11	STATE SAND	

Received By:

Print Name:

84277

Curb Deliveries Only
Others Made Elsewhere Solely at the Purchaser's Risk
If suit becomes necessary for collection,
Customer agrees to pay all court costs & attorney fees.

Long Island Sound Transport, Inc.
A & R Materials, W.B.E.
P.O. Box 379 • Ronkonkoma, NY 11779

(631) 585-5736

Date: 1/23 20 15

Sold To: Envirotrac

Job Site: Ronkonkoma

Truck # 15

QUANTITY	DESCRIPTION	AMOUNT
22.86 Tons	State Sand	

Received By:

Print Name:

84254

Curb Deliveries Only
Others Made Elsewhere Solely at the Purchaser's Risk
If suit becomes necessary for collection,
Customer agrees to pay all court costs & attorney fees.

APPENDIX F

CAMP Results

CAMP Monitoring
Tuesday, November 18, 2014
Former CAMCO Site# 152206

Soil Excavation and Stockpiling
Clear 40oF
Prevailing Wind - Westerly
Condition - Windy

Upwind		
Time	VOCs (PPM)	Dust (mcg/M^3)
10:15 AM	0.0	0.0
10:30 AM	0.0	0.0
10:45 AM	0.0	0.0
11:00 AM	0.0	0.0
11:15 AM	0.0	0.0
11:30 AM	0.0	0.0
11:45 AM	0.0	0.0
12:00 PM	0.0	0.0
12:15 PM	0.0	0.0
12:30 PM	0.0	0.0
12:45 PM	0.0	0.0
1:00 PM	0.0	0.0
1:15 PM	0.0	0.0
1:30 PM	0.0	0.0
1:45 PM	0.0	0.0
2:00 PM	0.0	0.1
2:15 PM	0.0	0.1
2:30 PM	0.0	0.1
2:45 PM	0.0	0.1

Downwind		
Time	VOCs (PPM)	Dust (mcg/M^3)
10:15 AM	0.1	19.0
10:30 AM	0.2	21.4
10:45 AM	0.3	17.9
11:00 AM	0.4	17.6
11:15 AM	0.4	17.9
11:30 AM	0.4	22.7
11:45 AM	0.4	21.0
12:00 PM	0.4	17.0
12:15 PM	0.4	19.6
12:30 PM	0.4	20.8
12:45 PM	0.4	21.3
1:00 PM	0.3	10.4
1:15 PM	0.3	10.8
1:30 PM	0.2	9.3
1:45 PM	0.2	37.4
2:00 PM	0.2	41.5
2:15 PM	0.2	66.1
2:30 PM	0.2	69.6
2:45 PM	0.2	74.8

EnviroTrac On-Site	7:45 AM

Begin Intrusive Work	10:00 AM
Break	12:00-1:00 PM
End Intrusive Work	2:45 PM

EnviroTrac Off-Site	3:10 PM

Notes:
PPM= parts per million.
mcg/M^3= micrograms per cubic meter.
Measurements represent 15 minute averages.

CAMP Monitoring
Wednesday, November 19, 2014
Former CAMCO Site# 152206

Soil Excavation and Stockpiling
Clear 30oF
Prevailing Wind - Westerly
Condition - Light Breeze

Upwind		
Time	VOCs (PPM)	Dust (mcg/M^3)
8:00 AM	0.0	0.0
8:15 AM	0.0	0.0
8:30 AM	0.0	0.0
8:45 AM	0.0	0.0
9:00 AM	0.0	0.1
9:15 AM	0.0	0.0
9:30 AM	0.0	0.0
9:45 AM	0.0	0.0
10:00 AM	0.0	0.0
10:15 AM	0.0	0.0
10:30 AM	0.0	0.0
10:45 AM	0.0	0.0
11:00 AM	0.0	0.0
11:15 AM	0.0	0.0
11:30 AM	0.0	0.0
11:45 AM	0.0	0.0
12:00 PM	0.0	0.0
12:15 PM	0.0	0.0
12:30 PM	0.0	0.0
12:45 PM	0.0	0.0
1:00 PM	0.0	0.0
1:15 PM	0.0	0.0

Downwind		
Time	VOCs (PPM)	Dust (mcg/M^3)
8:00 AM	0.0	9.6
8:15 AM	0.0	1.3
8:30 AM	0.0	1.0
8:45 AM	0.0	0.8
9:00 AM	0.0	1.0
9:15 AM	0.0	0.2
9:30 AM	0.0	0.5
9:45 AM	0.0	0.2
10:00 AM	0.0	0.0
10:15 AM	0.0	0.7
10:30 AM	0.0	2.2
10:45 AM	0.0	0.4
11:00 AM	0.0	0.2
11:15 AM	0.0	0.1
11:30 AM	0.0	0.1
11:45 AM	0.0	0.7
12:00 PM	0.0	0.3
12:15 PM	0.0	0.0
12:30 PM	0.0	0.0
12:45 PM	0.0	0.1
present 15	0.0	0.0
1:15 PM	0.0	0.1

EnviroTrac On-Site	7:30 AM

Begin Intrusive Work	8:00 AM
Break	12:00-1:00 PM
End Intrusive Work	1:30 PM

EnviroTrac Off-Site	3:00 PM

Notes:
PPM= parts per million.
mcg/M^3= micrograms per cubic meter.
Measurements represent 15 minute averages.

CAMP Monitoring
Friday, November 23, 2015
Former CAMCO Site# 152206

Soil Loadout and Backfilling
Clear 25oF
Prevailing Wind - Westerly
Light Breeze

Upwind		
Time	VOCs (PPM)	Dust (mcg/M^3)
7:00 AM	0.0	40.2
7:20 AM	0.0	37.8
7:40 AM	0.0	50.2
8:50 AM	0.0	42.1
9:30 AM	0.0	37.8
10:15 AM	0.0	10.5
11:35 AM	0.0	20.6
2:10 PM	0.0	31.7
2:50 PM	0.0	35.1

Downwind		
Time	VOCs (PPM)	Dust (mcg/M^3)
7:05 AM	0.0	51.9
7:25 AM	0.0	43.4
7:35 AM	0.1	42.4
8:45 AM	0.2	33.0
9:25 AM	0.0	55.6
10:10 AM	0.0	19.6
11:20 AM	0.0	14.6
2:15 PM	0.1	38.5
2:55 PM	0.0	39.6

EnviroTrac On-Site	6:45 AM

Disposal Facility Trucks

	Arrive	Depart
Truck 1	7:15 AM	7:25 AM
Truck 2	7:30 AM	7:45 AM
Truck 3	2:05 PM	2:25 PM
Truck 4	2:05 PM	2:40 PM

Clean Fill Trucks

	Arrive	Depart
Truck 1	9:10 AM	9:15 AM
Truck 2	9:15 AM	9:20 AM
Truck 3	10:05 AM	10:07 AM
Truck 4	10:07 AM	10:15 AM
Truck 5	11:05 AM	11:10 AM
Truck 6	11:10 AM	11:15 AM

EnviroTrac Off-Site	15:10 PM

Notes:
PPM= parts per million.
mcg/M^3= micrograms per cubic meter.
Measurements represent instantaneous readings.

CAMP Monitoring
Friday, March 20, 2015
Former CAMCO Site# 152206

Soil Loadout
Clear 25oF
Prevailing Wind - Easterly
Light Breeze

Upwind		
Time	VOCs (PPM)	Dust (mcg/M^3)
7:40 AM	0.0	12.3
8:00 AM	0.0	13.1
8:20 AM	0.0	14.2
8:40 AM	0.0	13.6
9:00 AM	0.0	11.5
9:30 AM	0.0	10.9
10:00 AM	0.0	14.3

Downwind		
Time	VOCs (PPM)	Dust (mcg/M^3)
7:45 AM	0.0	15.0
8:05 AM	0.0	14.9
8:25 AM	0.1	16.5
8:45 AM	0.0	24.8
9:05 AM	0.1	11.9
9:35 AM	0.1	15.6
10:05 AM	0.0	25.1

EnviroTrac On-Site	7:15 AM

Disposal Facility Trucks

	Arrive	Depart
Truck 1	7:45 AM	10:30 AM
Truck 2	8:15 AM	10:30 AM
Truck 3	8:45 PM	10:35 AM

EnviroTrac Off-Site	12:30 PM

Notes:
PPM= parts per million.
mcg/M^3= micrograms per cubic meter.
Measurements represent instantaneous readings.

APPENDIX G

Waste Management Documentation

EnviroTrac
Environmental Services

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

November 26, 2014

John Szymanski
Envirotrac
5 Old Dock Road
Yaphank, NY 11980
TEL: (631) 924-3001
FAX (631) 924-5001

RE: Dept of Aviation/Town of Islip/Camco; 212 Order No.: 1411154

Dear John Szymanski:

American Analytical Laboratories, LLC. received 1 sample(s) on 11/21/2014 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report. The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified either on the sample results or in the QC section of the report. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lori Beyer
Lab Director
American Analytical Laboratories, LLC.

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
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Website: www.American-Analytical.com

Workorder Sample Summary

WO#: **1411154**

26-Nov-14

CLIENT: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
1411154-001A	Waste Classification		11/19/2014 2:15:00 PM	11/21/2014 10:20:00 AM	Soil
1411154-001B	Waste Classification		11/19/2014 2:15:00 PM	11/21/2014 10:20:00 AM	Soil

CHAIN OF CUSTODY

AMERICAN ANALYTICAL LABORATORIES

56 Toledo Street, Farmingdale NY 11735
(T) 631-454-6100 (F) 631-454-8027
www.american-analytical.com

CERTIFICATIONS
NY ELAP - 11418 PA DEP - 68-00573
NJ DEP - NY050 CT DOH - PH-0205

Client Information

Company Name: EnviroTrac Ltd.
Address: 5 Old Dock Rd.
City: Yaphank State: NY Zip: 11980
Project Contact: Peter Breen
Phone #: 631-924-3001 x 131
E-mail: peteb@envirotrac.com

Project Information

Project Name: Dept of Aviation/Town of Islip/Camco
Street: 2125 Smithtown Ave
City: Ronkonkoma State: NY Zip:
Project #: Index# A1-0627-12-09
Sampler's Name / Company: Matt Smith / EnviroTrac Ltd
Sampler's Signature: Matt Smith

Analytical Information

8260 (NJ)
8270
TCLP Metals
TOTAL Metals (SPLP + Copper, Nickel & Zinc)
PCBs
RCRA Characteristics
TPH
TCLP for Perm. VOC+TAL

LAB SAMPLE # (LAB USE ONLY)	Client Sample ID	Sample Type	Matrix Code	Date	Time	Glass / Plastic	Total # of bottles	Number of Each Preserved Bottle: NONE	HCl	NaOH	HNO_3	H_2SO_4	$NaHSO_4$	MeOH	OTHER
141154-001	Waste Classification	Comp	Soil	11/19/14	2:35	8oz	2	✓							

Turnaround Time (Business Days)

- [X] Standard 7-10 Business Days
- [ ] 5 Day *RUSH*
- [ ] 4 Day *RUSH*
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 1 Day *RUSH*

SAMPLE TYPE

G = Grab
C = Composite
B = Blank

MATRIX CODES

L = Liquid
S = Soil
O = Oil
W = Wipe
PC = Paint Chip
SL = Sludge
SD = Solid
M = Miscellaneous

Comments / Remarks

CALL JOHN S. @ 631-924-3001 X 126 w/ any questions

Cooler Temp: 3.2°C

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Anna Mercado	11/21/14 10:20		P Masi	11/21/14 10:20	P Masi
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

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Sample Log-In Check List

Client Name: **ENVIROTRAC** Work Order Number: **1411154** RcptNo: **1**

Logged by:	**Lori Beyer**	**11/21/2014 10:20:00 AM**	Lori Beyer
Completed By:	**Lori Beyer**	**11/21/2014 11:21:16 AM**	Lori Beyer
Reviewed By:	**Karen Kelly**	**11/21/2014**	Karen Kelly

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Client		

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
	Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
	No. Seal Date:	Signed By:		
5.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
6.	Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
7.	Sample(s) in proper container(s)?	Yes ☐	No ☑	
8.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
9.	Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
10.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
11.	Is the headspace in the VOA vials less than 1/4 inch or 6 mm?	Yes ☐	No ☐	No VOA Vials ☑
12.	Were any sample containers received broken?	Yes ☐	No ☑	
13.	Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
14.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
15.	Is it clear what analyses were requested?	Yes ☑	No ☐	
16.	Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

Special Handling (if applicable)

17.	Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑

Person Notified: Date

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

18. Additional remarks:

sample not collected per method 5035A

Cooler Information

Cooler No	Temp ºC	Condition	Seal Intact	Seal No	Seal Date	Signed By

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Case Narrative

WO#: **1411154**
Date: **11/26/2014**

CLIENT: Envirotrac
Project: Dept of Aviation/Town of Islip/Camco; 2125 S

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846 and additional methods as detailed throughout the text of the report. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives with exceptions notated in this Narrative discussion and/or in the QC Summary Section of the lab report with appropriate qualifiers. Additional quality control information such as surrogate recovery values for organic testing is provided as part of the analytical results.

Soil sample results analyzed for Volatile Organics and/or Gasoline Range Organics (GRO) via preparation method SW846 Method 5035A by the Low Level procedures potentially may be estimated, "J" (biased low) since the samples for this test were not collected according to the 5035A Method. Volatile LCS are analyzed with preservatives - HCL/NaHSO4/Methanol depending on level of analysis (high/low) similar to sample analysis. Outliers can be attributed to the presence of chemical preservatives. 2-Chloroethyl vinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Pesticide/PCB/Herbicide analysis (if applicable to this work order) are analyzed on two distinct columns. Once a target compound is qualitatively confirmed by detection on both columns and quantitation is determined to be >40% between the two columns, AAL's policy is to report the lower of the values as suggested by SW846 Method 8000C in cases where no interference exists. If in the professional judgment of the laboratory, the higher value must be utilized this is explained in the lab report.

The following parameters (if included in this report) are not offered by NY ELAP: VOA 8260 Soil; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Diisopropyl ether, Ethanol, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl Acetate, n-Butyl Acetate, n-Propyl Acetate. VOA 8260 Liquid; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl acetate, n-Butyl Acetate, n-Propyl Acetate. Pesticides 8081 Soil; DBCP. Herbicides 8151 Soil; 3,5-Dichlorobenzoic Acid, 4-Nitrophenol, Acifluorfen, Bentazon, Chloramben, DCPA, Picloram .Lachat 10-107-6-1B Ammonia in Soil, SM 2540G Total Volatile Solids, Soil TKN, Soil Organic Nitrogen, Percent Moisture, SM 4500-SO3 B Sulfite in Liquid, Total Sulfur in Soil, Acid Soluble Chloride by ASTMC1152, Water Soluble Chloride by ASTMC1218, Chlorine Demand by SM 2350 B, Total Residual Chlorine in Liquid and Nitrate-Nitrite, Nitrogen in non-potable water and Reactivity to Sulfide and Reactivity to Cyanide.

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Case Narrative

WO#: **1411154**
Date: **11/26/2014**

CLIENT: Envirotrac
Project: Dept of Aviation/Town of Islip/Camco; 2125 S

The test results meet the requirements of the NYSDOH and NELAC standards, except where noted. The information contained in this analytical report is the sole property of American Analytical Laboratories, LLC. or the client for which this report was issued. The results contained in this report are only representative of the samples received. The sample receipt checklist is included as part of this lab report. Conditions can vary at different times and at different sampling conditions. American Analytical is not responsible for the use or interpretation of the data included herein.

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Definition Only

WO#: **1411154**
Date: **11/26/2014**

Definitions:

Sample Result and QC Summary Qualifiers - Level I and Level II Reports
ND - Not detected at the reporting limit/Limit of Quantitation

B - The analyte was detected in the associated method blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <5x the blank value as artifact.

E - The value is above the quantitation range

D - Analyte concentration was obtained from diluted analysis or from analysis using reduced sample volume.

J - The analyte was detected below the limit of quantitation but greater than the established Limit of Detection (LOD). There is greater uncertainty associated with these results and data should be considered as estimated.

U - The compound was analyzed for but not detected.

H - Holding time for preparation or analysis has been exceeded.

S - Spike recovery is outside accepted recovery limits.

R - RPD is outside accepted recovery range.

P - Secondary column exceeds 40% difference for GC test.

* - Calibration exceeds method requirement. Due to the large number of analytes for organic testing, the method allows 10% of analytes to have %RSD and/or %D to be >20%.

LOD - Limit of Detection; the lowest level the analyte can be determined to be statistically different from a blank.

LOQ - Limit of Quantitation; the lowest amount of analyte in a sample that can be quantitatively determined with suitable precision and accurary.
m - Analyte was manually integrated for GC/MS.
+ - Concentration exceeds regulatory level for TCLP

American Analytical Laboratories, LLC.

Date: *26-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Waste Classification
Lab Order:	1411154	**Collection Date:**	11/19/2014 2:15:00 PM
Project:	Dept of Aviation/Town of Islip/Camco; 2125 S	**Matrix:**	SOIL
Lab ID:	1411154-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	1.24	0.04	0.0647	D	mg/Kg-dry	5	11/25/2014 11:10:29 AM
TOTAL DRO AS #2 FUEL (C8-C44)			**SW8015D**		**SW3546**		Analyst: **MH**
Total DRO TPH	2500	27	54	D	mg/Kg-dry	10	11/25/2014 7:15:00 PM
Surr: o-Terphenyl	97.8	0	20-144		%REC	1	11/25/2014 7:59:00 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	ND	10.7	21	U	µg/Kg-dry	1	11/26/2014 12:53:00 PM
Aroclor 1221	ND	10.7	21	U	µg/Kg-dry	1	11/26/2014 12:53:00 PM
Aroclor 1232	ND	10.7	21	U	µg/Kg-dry	1	11/26/2014 12:53:00 PM
Aroclor 1242	ND	10.7	21	U	µg/Kg-dry	1	11/26/2014 12:53:00 PM
Aroclor 1248	ND	10.7	21	U	µg/Kg-dry	1	11/26/2014 12:53:00 PM
Aroclor 1254	280	10.7	21		µg/Kg-dry	1	11/26/2014 12:53:00 PM
Aroclor 1260	ND	10.7	21	U	µg/Kg-dry	1	11/26/2014 12:53:00 PM
Aroclor 1262	ND	10.7	21	U	µg/Kg-dry	1	11/26/2014 12:53:00 PM
Aroclor 1268	ND	10.7	21	U	µg/Kg-dry	1	11/26/2014 12:53:00 PM
Surr: DCB	60.6	0	12-151		%REC	1	11/26/2014 12:53:00 PM
Surr: DCB	55.5	0	12-151		%REC	1	11/26/2014 12:53:00 PM
Surr: TCX	69.8	0	18-147		%REC	1	11/26/2014 12:53:00 PM
Surr: TCX	53.9	0	18-147		%REC	1	11/26/2014 12:53:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **KK**
Percent Moisture	7.20	0	1.00		wt%	1	11/26/2014 10:09:15 AM
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Arsenic	1.40	0.21	0.524		mg/Kg-dry	1	11/25/2014 8:35:19 AM
Barium	12.5	0.21	0.419		mg/Kg-dry	1	11/25/2014 8:35:19 AM
Cadmium	5.31	0.11	0.419		mg/Kg-dry	1	11/25/2014 8:35:19 AM
Chromium	65.5	0.11	0.419		mg/Kg-dry	1	11/25/2014 8:35:19 AM
Copper	21.3	0.11	0.419		mg/Kg-dry	1	11/25/2014 8:35:19 AM
Lead	379	0.21	0.419		mg/Kg-dry	1	11/25/2014 8:35:19 AM
Nickel	3.98	0.11	0.419		mg/Kg-dry	1	11/25/2014 8:35:19 AM
Selenium	ND	0.21	0.524	U	mg/Kg-dry	1	11/25/2014 8:35:19 AM
Silver	0.582	0.11	0.419		mg/Kg-dry	1	11/25/2014 8:35:19 AM
Zinc	82.6	0.11	0.419		mg/Kg-dry	1	11/25/2014 8:35:19 AM

American Analytical Laboratories, LLC.

Date: *26-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Waste Classification
Lab Order:	1411154	**Collection Date:**	11/19/2014 2:15:00 PM
Project:	Dept of Aviation/Town of Islip/Camco; 2125 S	**Matrix:**	SOIL
Lab ID:	1411154-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Biphenyl	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
1,2,4-Trichlorobenzene	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
1,2-Dichlorobenzene	13000	270	2700	D	µg/Kg-dry	10	11/24/2014 11:47:00 AM
1,3-Dichlorobenzene	290	27	270	m	µg/Kg-dry	1	11/24/2014 11:14:00 AM
1,4-Dichlorobenzene	2300	27	270		µg/Kg-dry	1	11/24/2014 11:14:00 AM
2,4,5-Trichlorophenol	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
2,4,6-Trichlorophenol	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
2,4-Dichlorophenol	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
2,4-Dimethylphenol	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
2,4-Dinitrophenol	ND	54	540	U*	µg/Kg-dry	1	11/24/2014 11:14:00 AM
2,4-Dinitrotoluene	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
2,6-Dinitrotoluene	ND	54	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
2-Chloronaphthalene	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
2-Chlorophenol	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
2-Methylnaphthalene	380	27	270		µg/Kg-dry	1	11/24/2014 11:14:00 AM
2-Methylphenol	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
2-Nitroaniline	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
2-Nitrophenol	ND	54	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
3+4-Methylphenol	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
3,3´-Dichlorobenzidine	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
3-Nitroaniline	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
4,6-Dinitro-2-methylphenol	ND	54	540	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
4-Bromophenyl phenyl ether	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
4-Chloro-3-methylphenol	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
4-Chloroaniline	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
4-Chlorophenyl phenyl ether	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
4-Nitroaniline	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
4-Nitrophenol	ND	54	540	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Acenaphthene	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Acenaphthylene	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Acetophenone	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Aniline	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Anthracene	27	27	270	J	µg/Kg-dry	1	11/24/2014 11:14:00 AM

American Analytical Laboratories, LLC.

Date: *26-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Waste Classification
Lab Order:	1411154	**Collection Date:**	11/19/2014 2:15:00 PM
Project:	Dept of Aviation/Town of Islip/Camco; 2125 S	**Matrix:**	SOIL
Lab ID:	1411154-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Atrazine	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Azobenzene	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Benzaldehyde	ND	54	540	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Benzidine	ND	54	540	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Benzo(a)anthracene	46	27	270	J	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Benzo(a)pyrene	51	27	160	J	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Benzo(b)fluoranthene	46	27	270	J	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Benzo(g,h,i)perylene	71	27	270	J	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Benzo(k)fluoranthene	40	27	270	Jm	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Benzoic acid	ND	54	540	U*	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Benzyl alcohol	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Bis(2-chloroethoxy)methane	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Bis(2-chloroethyl)ether	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Bis(2-chloroisopropyl)ether	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Bis(2-ethylhexyl)phthalate	800	27	270		µg/Kg-dry	1	11/24/2014 11:14:00 AM
Butyl benzyl phthalate	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Caprolactam	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Carbazole	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Chrysene	63	27	270	J	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Di-n-butyl phthalate	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Di-n-octyl phthalate	ND	54	540	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Dibenzo(a,h)anthracene	ND	27	160	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Dibenzofuran	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Diethyl phthalate	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Dimethyl phthalate	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Fluoranthene	94	27	270	J	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Fluorene	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Hexachlorobenzene	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Hexachlorobutadiene	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Hexachlorocyclopentadiene	ND	54	270	U*	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Hexachloroethane	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Indeno(1,2,3-c,d)pyrene	55	27	270	J	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Isophorone	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM

American Analytical Laboratories, LLC.

Date: *26-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Waste Classification
Lab Order:	1411154	**Collection Date:**	11/19/2014 2:15:00 PM
Project:	Dept of Aviation/Town of Islip/Camco; 2125 S	**Matrix:**	SOIL
Lab ID:	1411154-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
N-Nitrosodi-n-propylamine	ND	27	160	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
N-Nitrosodimethylamine	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
N-Nitrosodiphenylamine	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Naphthalene	680	27	270		µg/Kg-dry	1	11/24/2014 11:14:00 AM
Nitrobenzene	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Parathion	ND	54	540	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Pentachlorophenol	ND	54	540	U*	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Phenanthrene	160	27	270	J	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Phenol	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Pyrene	150	27	270	J	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Pyridine	ND	27	270	U	µg/Kg-dry	1	11/24/2014 11:14:00 AM
Surr: 2,4,6-Tribromophenol	68.5	0	14-144		%REC	1	11/24/2014 11:14:00 AM
Surr: 2-Fluorobiphenyl	64.3	0	17-129		%REC	1	11/24/2014 11:14:00 AM
Surr: 2-Fluorophenol	75.6	0	21-149		%REC	1	11/24/2014 11:14:00 AM
Surr: 4-Terphenyl-d14	66.8	0	18-134		%REC	1	11/24/2014 11:14:00 AM
Surr: Nitrobenzene-d5	70.4	0	18-125		%REC	1	11/24/2014 11:14:00 AM
Surr: Phenol-d6	66.9	0	20-147		%REC	1	11/24/2014 11:14:00 AM
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
1,1,1,2-Tetrachloroethane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,1,1-Trichloroethane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,1,2,2-Tetrachloroethane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,1,2-Trichloroethane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,1-Dichloroethane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,1-Dichloroethene	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,1-Dichloropropene	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,2,3-Trichlorobenzene	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,2,3-Trichloropropane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,2,4,5-Tetramethylbenzene	320	5.1	26	Dm	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,2,4-Trichlorobenzene	15	5.1	26	DJm	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,2,4-Trimethylbenzene	450	5.1	26	D	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,2-Dibromo-3-chloropropane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM

American Analytical Laboratories, LLC.

Date: *26-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Waste Classification
Lab Order:	1411154	**Collection Date:**	11/19/2014 2:15:00 PM
Project:	Dept of Aviation/Town of Islip/Camco; 2125 S	**Matrix:**	SOIL
Lab ID:	1411154-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
1,2-Dibromoethane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,2-Dichlorobenzene	5700	52	260	D	µg/Kg-dry	50	11/24/2014 5:07:00 PM
1,2-Dichloroethane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,2-Dichloropropane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,3,5-Trimethylbenzene	250	5.1	26	D	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,3-Dichlorobenzene	23	5.1	26	DJm	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,3-dichloropropane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,4-Dichlorobenzene	210	5.1	26	D	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
1,4-Dioxane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
2,2-Dichloropropane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
2-Butanone	ND	26	51	DU*	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
2-Chloroethyl vinyl ether	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
2-Chlorotoluene	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
2-Hexanone	ND	26	51	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
2-Propanol	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
4-Chlorotoluene	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
4-Isopropyltoluene	79	5.1	26	D	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
4-Methyl-2-pentanone	ND	26	51	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Acetone	ND	26	51	DU*	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Benzene	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Bromobenzene	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Bromochloromethane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Bromodichloromethane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Bromoform	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Bromomethane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Carbon disulfide	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Carbon tetrachloride	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Chlorobenzene	22	5.1	26	DJ	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Chlorodifluoromethane	ND	5.1	26	DU*	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Chloroethane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Chloroform	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Chloromethane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
cis-1,2-Dichloroethene	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM

American Analytical Laboratories, LLC.

Date: *26-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Waste Classification
Lab Order:	1411154	**Collection Date:**	11/19/2014 2:15:00 PM
Project:	Dept of Aviation/Town of Islip/Camco; 2125 S	**Matrix:**	SOIL
Lab ID:	1411154-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
cis-1,3-Dichloropropene	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Cyclohexane	ND	10	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Dibromochloromethane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Dibromomethane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Dichlorodifluoromethane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Diisopropyl ether	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Ethanol	ND	51	100	DU*	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Ethylbenzene	8.2	5.1	26	DJ	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Freon-114	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Hexachlorobutadiene	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Isopropylbenzene	13	5.1	26	DJ	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
m,p-Xylene	25	10	51	DJ	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Methyl Acetate	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Methyl tert-butyl ether	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Methylene chloride	ND	26	51	DU*	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
n-Butylbenzene	32	5.1	26	D	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
n-Propylbenzene	35	5.1	26	D	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Naphthalene	49	5.1	26	D	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
o-Xylene	15	5.1	26	DJ	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
p-Diethylbenzene	310	5.1	26	D	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
p-Ethyltoluene	210	5.1	26	D	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
sec-Butylbenzene	24	5.1	26	DJ	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Styrene	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
t-Butyl alcohol	ND	13	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
tert-Butylbenzene	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Tetrachloroethene	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Toluene	5.3	5.1	26	DJ	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
trans-1,2-Dichloroethene	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
trans-1,3-Dichloropropene	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Trichloroethene	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Trichlorofluoromethane	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Vinyl acetate	ND	5.1	26	DU	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM
Vinyl chloride	ND	5.1	26	DU*	µg/Kg-dry	4.7619	11/21/2014 8:04:00 PM

American Analytical Laboratories, LLC.

Date: *26-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Waste Classification
Lab Order:	1411154	**Collection Date:**	11/19/2014 2:15:00 PM
Project:	Dept of Aviation/Town of Islip/Camco; 2125 S	**Matrix:**	SOIL
Lab ID:	1411154-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
Surr: 4-Bromofluorobenzene	98.1	0	50-139	D	%REC	4.7619	11/21/2014 8:04:00 PM
Surr: Dibromofluoromethane	98.3	0	50-138	D	%REC	4.7619	11/21/2014 8:04:00 PM
Surr: Toluene-d8	98.3	0	71-120	D	%REC	4.7619	11/21/2014 8:04:00 PM

American Analytical Laboratories, LLC.

Date: *26-Nov-14*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Waste Classification
Lab Order:	1411154	**Collection Date:**	11/19/2014 2:15:00 PM
Project:	Dept of Aviation/Town of Islip/Camco; 2125 S	**Matrix:**	SOIL
Lab ID:	1411154-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TCLP MERCURY			**SW1311/7470A**		**SW7470A**		Analyst: **JP**
Mercury	ND	0.0005	0.0200	U	mg/L	1	11/25/2014 10:15:34 AM
TCLP METALS			**SW1311/6010C**		**SW1311**		Analyst: **JP**
Arsenic	ND	0.01	0.0500	U	mg/L	1	11/25/2014 10:06:27 AM
Barium	1.02	0.2	0.500		mg/L	1	11/25/2014 10:06:27 AM
Cadmium	0.134	0.005	0.0500		mg/L	1	11/25/2014 10:06:27 AM
Chromium	0.00942	0.005	0.0500	J	mg/L	1	11/25/2014 10:06:27 AM
Copper	0.0454	0.005	0.0500	J	mg/L	1	11/25/2014 10:06:27 AM
Lead	2.91	0.005	0.0500		mg/L	1	11/25/2014 10:06:27 AM
Nickel	0.0101	0.005	0.0500	J	mg/L	1	11/25/2014 10:06:27 AM
Selenium	ND	0.01	0.0500	U	mg/L	1	11/25/2014 10:06:27 AM
Silver	ND	0.005	0.0500	U	mg/L	1	11/25/2014 10:06:27 AM
Zinc	0.428	0.005	0.0500		mg/L	1	11/25/2014 10:06:27 AM
TCLP VOLATILES			**SW1311/8260C**		**SW5030C**		Analyst: **LA**
Tetrachloroethene	ND	0.01	0.040	DU	mg/L	20	11/25/2014 1:25:00 PM
Trichloroethene	ND	0.01	0.040	DU	mg/L	20	11/25/2014 1:25:00 PM
Surr: 4-Bromofluorobenzene	96.7	0	80-120	D	%REC	20	11/25/2014 1:25:00 PM
Surr: Dibromofluoromethane	112	0	77-131	D	%REC	20	11/25/2014 1:25:00 PM
Surr: Toluene-d8	103	0	80-120	D	%REC	20	11/25/2014 1:25:00 PM
IGNITABILITY/FLASHPOINT SW-846 1020			**SW1020**				Analyst: **STP**
Ignitability	ND	65	140	U	°F	1	11/21/2014 4:00:00 PM
SOIL PH MEASURED IN WATER			**SW9045D**				Analyst: **PAV**
pH	6.99	0.5	1.00		pH Units	1	11/26/2014 12:48:56 PM
TEMPERATURE			**M2550 B**				Analyst: **PAV**
Temp at which pH was measured	19.4	0	0		°C	1	11/26/2014 12:49:08 PM
REACTIVE CYANIDE			**SW7.3.3.2**				Analyst: **STP**
Reactive Cyanide	ND	0.05	0.100	U	mg/Kg	1	11/24/2014 12:13:18 PM
REACTIVE SULFIDE			**SW7.3.4.2**				Analyst: **STP**
Reactive Sulfide	ND	1	2.00	U	mg/Kg	1	11/24/2014 1:56:15 PM

American Analytical Laboratories, LLC.
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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **2979**

Sample ID	**MBW112014T**	SampType:	**MBLK**	TestCode:	**TCLP_M**	Units:	**mg/L**	Prep Date:		RunNo:	**5080**
Client ID:	**PBS**	Batch ID:	**2979**	TestNo:	**SW1311/6010**	**SW1311**		Analysis Date:	**11/21/2014**	SeqNo:	**96034**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.0500									U

Sample ID	**LCSW112014T**	SampType:	**LCS**	TestCode:	**TCLP_M**	Units:	**mg/L**	Prep Date:		RunNo:	**5080**
Client ID:	**LCSS**	Batch ID:	**2979**	TestNo:	**SW1311/6010**	**SW1311**		Analysis Date:	**11/21/2014**	SeqNo:	**96035**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.17	0.0500	2.000	0	108	80	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **2979**

Sample ID	**1411103-012AMS**	SampType:	**MS**	TestCode:	**ICPSCAN_TC**	Units:	**mg/L**	Prep Date:	**11/19/2014**	RunNo:	**5129**
Client ID:	**BatchQC**	Batch ID:	**2979**	TestNo:	**SW1311/6010 SW1311**			Analysis Date:	**11/25/2014**	SeqNo:	**97629**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.47	0.0500	1.000	0.6836	79.1	75	125				

Sample ID	**1411103-012AMS**	SampType:	**MS**	TestCode:	**ICPSCAN_TC**	Units:	**mg/L**	Prep Date:	**11/19/2014**	RunNo:	**5129**
Client ID:	**BatchQC**	Batch ID:	**2979**	TestNo:	**SW1311/6010 SW1311**			Analysis Date:	**11/25/2014**	SeqNo:	**97630**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.47	0.0500	1.000	0.6836	78.6	75	125				

Sample ID	**MBW112414T**	SampType:	**MBLK**	TestCode:	**ICPSCAN_TC**	Units:	**mg/L**	Prep Date:		RunNo:	**5129**
Client ID:	**PBS**	Batch ID:	**2979**	TestNo:	**SW1311/6010 SW1311**			Analysis Date:	**11/25/2014**	SeqNo:	**97685**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.0500									U
Arsenic	ND	0.0500									U
Barium	ND	0.500									U
Beryllium	ND	0.0500									U
Cadmium	ND	0.0500									U
Chromium	ND	0.0500									U
Copper	ND	0.0500									U
Lead	ND	0.0500									U
Nickel	ND	0.0500									U
Selenium	ND	0.0500									U
Silver	ND	0.0500									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **2979**

Sample ID **MBW112414T** SampType: **MBLK** TestCode: **ICPSCAN_TC** Units: **mg/L** Prep Date: RunNo: **5129**

Client ID: **PBS** Batch ID: **2979** TestNo: **SW1311/6010 SW1311** Analysis Date: **11/25/2014** SeqNo: **97685**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Thallium	ND	0.0500									U
Zinc	ND	0.0500									U

Sample ID **LCSW112414T** SampType: **LCS** TestCode: **ICPSCAN_TC** Units: **mg/L** Prep Date: RunNo: **5129**

Client ID: **LCSS** Batch ID: **2979** TestNo: **SW1311/6010 SW1311** Analysis Date: **11/25/2014** SeqNo: **97688**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	1.84	0.0500	2.000	0	92.1	80	120				
Arsenic	2.01	0.0500	2.000	0	100	80	120				
Barium	4.42	0.500	4.000	0	110	80	120				
Beryllium	2.08	0.0500	2.000	0	104	80	120				
Cadmium	2.04	0.0500	2.000	0	102	80	120				
Chromium	2.16	0.0500	2.000	0	108	80	120				
Copper	2.03	0.0500	2.000	0	101	80	120				
Lead	1.90	0.0500	2.000	0	94.9	80	120				
Nickel	2.12	0.0500	2.000	0	106	80	120				
Selenium	2.08	0.0500	2.000	0	104	80	120				
Silver	1.98	0.0500	2.000	0	98.8	80	120				
Thallium	2.06	0.0500	2.000	0	103	80	120				
Zinc	2.46	0.0500	2.000	0	123	80	120				S

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3007**

Sample ID **LCS-3007** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/21/2014** RunNo: **5087**

Client ID: **LCSS** Batch ID: **3007** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/21/2014** SeqNo: **96162**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	42	5.0	50.00	0	83.4	40	135				
1,1,1-Trichloroethane	42	5.0	50.00	0	84.0	42	139				
1,1,2,2-Tetrachloroethane	33	5.0	50.00	0	65.6	44	138				
1,1,2-Trichloro-1,2,2-trifluoroethane	45	5.0	50.00	0	90.1	40	135				
1,1,2-Trichloroethane	39	5.0	50.00	0	78.5	43	134				
1,1-Dichloroethane	39	5.0	50.00	0	78.5	41	142				
1,1-Dichloroethene	41	5.0	50.00	0	81.1	33	144				
1,1-Dichloropropene	41	5.0	50.00	0	82.9	40	130				
1,2,3-Trichlorobenzene	44	5.0	50.00	0	87.0	40	140				
1,2,3-Trichloropropane	33	5.0	50.00	0	65.2	40	130				
1,2,4,5-Tetramethylbenzene	44	5.0	50.00	0	88.7	41	125				
1,2,4-Trichlorobenzene	45	5.0	50.00	0	89.5	42	125				
1,2,4-Trimethylbenzene	41	5.0	50.00	0	81.3	40	122				
1,2-Dibromo-3-chloropropane	35	5.0	50.00	0	70.9	40	125				
1,2-Dibromoethane	41	5.0	50.00	0	82.5	42	122				
1,2-Dichlorobenzene	41	5.0	50.00	0	82.7	45	128				
1,2-Dichloroethane	37	5.0	50.00	0	74.6	34	145				
1,2-Dichloropropane	40	5.0	50.00	0	80.4	44	135				
1,3,5-Trimethylbenzene	41	5.0	50.00	0	82.6	40	120				
1,3-Dichlorobenzene	43	5.0	50.00	0	85.0	40	135				
1,3-dichloropropane	38	5.0	50.00	0	76.9	40	120				
1,4-Dichlorobenzene	42	5.0	50.00	0	83.9	42	129				
1,4-Dioxane	45	5.0	50.00	0	90.8	40	120				
2,2-Dichloropropane	41	5.0	50.00	0	82.3	40	120				
2-Butanone	29	10	50.00	0	57.0	30	130				*
2-Chloroethyl vinyl ether	47	5.0	50.00	0	95.0	30	146				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3007**

Sample ID **LCS-3007** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/21/2014** RunNo: **5087**

Client ID: **LCSS** Batch ID: **3007** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/21/2014** SeqNo: **96162**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chlorotoluene	39	5.0	50.00	0	78.7	40	120				
2-Hexanone	31	10	50.00	0	61.7	30	120				
2-Propanol	38	5.0	50.00	0	75.2	35	120				
4-Chlorotoluene	40	5.0	50.00	0	79.1	40	120				
4-Isopropyltoluene	42	5.0	50.00	0	83.8	35	120				
4-Methyl-2-pentanone	32	10	50.00	0	63.7	40	120				
Acetone	16	10	50.00	0	32.3	30	124				*
Benzene	41	5.0	50.00	0	81.4	46	137				
Bromobenzene	42	5.0	50.00	0	84.4	35	125				
Bromochloromethane	37	5.0	50.00	0	74.1	35	125				
Bromodichloromethane	41	5.0	50.00	0	82.6	44	133				
Bromoform	40	5.0	50.00	0	79.7	39	147				
Bromomethane	59	5.0	50.00	0	118	22	140				
Carbon disulfide	44	5.0	50.00	0	87.9	30	120				
Carbon tetrachloride	43	5.0	50.00	0	86.9	40	144				
Chlorobenzene	42	5.0	50.00	0	83.1	45	131				
Chlorodifluoromethane	41	5.0	50.00	0	81.4	40	125				*
Chloroethane	49	5.0	50.00	0	97.3	43	147				
Chloroform	40	5.0	50.00	0	80.2	40	138				
Chloromethane	55	5.0	50.00	0	109	32	151				
cis-1,2-Dichloroethene	40	5.0	50.00	0	79.3	40	130				
cis-1,3-Dichloropropene	42	5.0	50.00	0	83.4	44	137				
Cyclohexane	40	5.0	50.00	0	80.4	40	130				
Dibromochloromethane	42	5.0	50.00	0	84.7	43	139				
Dibromomethane	41	5.0	50.00	0	81.1	40	125				
Dichlorodifluoromethane	90	5.0	50.00	0	180	35	130				S

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3007**

Sample ID **LCS-3007** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/21/2014** RunNo: **5087**

Client ID: **LCSS** Batch ID: **3007** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/21/2014** SeqNo: **96162**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diisopropyl ether	38	5.0	50.00	0	75.2	35	125				
Ethanol	160	20	250.0	0	64.3	40	130				*
Ethylbenzene	41	5.0	50.00	0	82.6	52	138				
Freon-114	66	5.0	50.00	0	131	30	120				S
Hexachlorobutadiene	45	5.0	50.00	0	90.6	40	125				
Isopropylbenzene	42	5.0	50.00	0	84.5	40	125				
m,p-Xylene	84	10	50.00	0	168	40	120				S
Methyl Acetate	28	5.0	50.00	0	55.7	40	120				
Methyl tert-butyl ether	38	5.0	50.00	0	76.9	40	120				
Methylene chloride	14	10	50.00	0	28.7	20	120				*
n-Butylbenzene	41	5.0	50.00	0	81.3	35	125				
n-Propylbenzene	40	5.0	50.00	0	80.9	30	120				
Naphthalene	38	5.0	50.00	0	76.9	40	147				
o-Xylene	41	5.0	50.00	0	82.4	40	120				
p-Diethylbenzene	45	5.0	50.00	0	89.2	35	125				
p-Ethyltoluene	43	5.0	50.00	0	85.3	23	125				
sec-Butylbenzene	42	5.0	50.00	0	83.0	40	120				
Styrene	41	5.0	50.00	0	82.3	30	121				m
t-Butyl alcohol	150	5.0	250.0	0	59.4	23	123				m
tert-Butylbenzene	42	5.0	50.00	0	84.0	41	129				
Tetrachloroethene	51	5.0	50.00	0	102	34	123				
Toluene	43	5.0	50.00	0	85.2	48	135				
trans-1,2-Dichloroethene	44	5.0	50.00	0	87.8	43	137				
trans-1,3-Dichloropropene	41	5.0	50.00	0	81.5	48	135				
Trichloroethene	46	5.0	50.00	0	91.1	44	135				
Trichlorofluoromethane	52	5.0	50.00	0	104	52	149				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3007**

Sample ID **LCS-3007**	SampType: **LCS**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/21/2014**	RunNo: **5087**
Client ID: **LCSS**	Batch ID: **3007**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/21/2014**	SeqNo: **96162**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl acetate	36	5.0	50.00	0	71.3	44	122				
Vinyl chloride	56	5.0	50.00	0	111	49	154				*
Surr: 4-Bromofluorobenzene	51		50.00		103	50	139				
Surr: Dibromofluoromethane	50		50.00		99.2	50	139				
Surr: Toluene-d8	49		50.00		98.5	71	120				

Sample ID **MB-3007**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/21/2014**	RunNo: **5087**
Client ID: **PBS**	Batch ID: **3007**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/21/2014**	SeqNo: **96163**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									U
1,1,1-Trichloroethane	ND	5.0									U
1,1,2,2-Tetrachloroethane	ND	5.0									U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									U
1,1,2-Trichloroethane	ND	5.0									U
1,1-Dichloroethane	ND	5.0									U
1,1-Dichloroethene	ND	5.0									U
1,1-Dichloropropene	ND	5.0									U
1,2,3-Trichlorobenzene	ND	5.0									U
1,2,3-Trichloropropane	ND	5.0									U
1,2,4,5-Tetramethylbenzene	ND	5.0									U
1,2,4-Trichlorobenzene	ND	5.0									U
1,2,4-Trimethylbenzene	ND	5.0									U
1,2-Dibromo-3-chloropropane	ND	5.0									U
1,2-Dibromoethane	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3007**

Sample ID **MB-3007**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/21/2014**	RunNo: **5087**
Client ID: **PBS**	Batch ID: **3007**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/21/2014**	SeqNo: **96163**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichlorobenzene	ND	5.0									U
1,2-Dichloroethane	ND	5.0									U
1,2-Dichloropropane	ND	5.0									U
1,3,5-Trimethylbenzene	ND	5.0									U
1,3-Dichlorobenzene	ND	5.0									U
1,3-dichloropropane	ND	5.0									U
1,4-Dichlorobenzene	ND	5.0									U
1,4-Dioxane	ND	5.0									U
2,2-Dichloropropane	ND	5.0									U
2-Butanone	ND	10									U*
2-Chloroethyl vinyl ether	ND	5.0									U
2-Chlorotoluene	ND	5.0									U
2-Hexanone	ND	10									U
2-Propanol	ND	5.0									U
4-Chlorotoluene	ND	5.0									U
4-Isopropyltoluene	ND	5.0									U
4-Methyl-2-pentanone	ND	10									U
Acetone	ND	10									U*
Benzene	ND	5.0									U
Bromobenzene	ND	5.0									U
Bromochloromethane	ND	5.0									U
Bromodichloromethane	ND	5.0									U
Bromoform	ND	5.0									U
Bromomethane	ND	5.0									U
Carbon disulfide	ND	5.0									U
Carbon tetrachloride	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3007**

Sample ID **MB-3007**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/21/2014**	RunNo: **5087**
Client ID: **PBS**	Batch ID: **3007**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/21/2014**	SeqNo: **96163**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	5.0									U
Chlorodifluoromethane	ND	5.0									U*
Chloroethane	ND	5.0									U
Chloroform	ND	5.0									U
Chloromethane	ND	5.0									U
cis-1,2-Dichloroethene	ND	5.0									U
cis-1,3-Dichloropropene	ND	5.0									U
Cyclohexane	ND	5.0									U
Dibromochloromethane	ND	5.0									U
Dibromomethane	ND	5.0									U
Dichlorodifluoromethane	ND	5.0									U
Diisopropyl ether	ND	5.0									U
Ethanol	ND	20									U*
Ethylbenzene	ND	5.0									U
Freon-114	ND	5.0									U
Hexachlorobutadiene	ND	5.0									U
Isopropylbenzene	ND	5.0									U
m,p-Xylene	ND	10									U
Methyl Acetate	ND	5.0									U
Methyl tert-butyl ether	ND	5.0									U
Methylene chloride	ND	10									U*
n-Butylbenzene	ND	5.0									U
n-Propylbenzene	ND	5.0									U
Naphthalene	ND	5.0									U
o-Xylene	ND	5.0									U
p-Diethylbenzene	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3007**

Sample ID **MB-3007**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/21/2014**	RunNo: **5087**
Client ID: **PBS**	Batch ID: **3007**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/21/2014**	SeqNo: **96163**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
p-Ethyltoluene	ND	5.0									U
sec-Butylbenzene	ND	5.0									U
Styrene	ND	5.0									U
t-Butyl alcohol	ND	5.0									U
tert-Butylbenzene	ND	5.0									U
Tetrachloroethene	ND	5.0									U
Toluene	ND	5.0									U
trans-1,2-Dichloroethene	ND	5.0									U
trans-1,3-Dichloropropene	ND	5.0									U
Trichloroethene	ND	5.0									U
Trichlorofluoromethane	ND	5.0									U
Vinyl acetate	ND	5.0									U
Vinyl chloride	ND	5.0									U*
Surr: 4-Bromofluorobenzene	53		50.00		107	50	139				
Surr: Dibromofluoromethane	47		50.00		94.6	50	138				
Surr: Toluene-d8	49		50.00		97.3	71	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3007**

Sample ID **LCS-3007** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/21/2014** RunNo: **5089**

Client ID: **LCSS** Batch ID: **3007** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/21/2014** SeqNo: **96200**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	42	5.0	50.00	0	83.4	40	135				
1,1,1-Trichloroethane	42	5.0	50.00	0	84.0	42	139				
1,1,2,2-Tetrachloroethane	33	5.0	50.00	0	65.6	44	138				
1,1,2-Trichloro-1,2,2-trifluoroethane	45	5.0	50.00	0	90.1	40	135				
1,1,2-Trichloroethane	39	5.0	50.00	0	78.5	43	134				
1,1-Dichloroethane	39	5.0	50.00	0	78.5	41	142				
1,1-Dichloroethene	41	5.0	50.00	0	81.1	33	144				
1,1-Dichloropropene	41	5.0	50.00	0	82.9	40	130				
1,2,3-Trichlorobenzene	44	5.0	50.00	0	87.0	40	140				
1,2,3-Trichloropropane	33	5.0	50.00	0	65.2	40	130				
1,2,4,5-Tetramethylbenzene	44	5.0	50.00	0	88.7	41	125				
1,2,4-Trichlorobenzene	45	5.0	50.00	0	89.5	42	125				
1,2,4-Trimethylbenzene	41	5.0	50.00	0	81.3	40	122				
1,2-Dibromo-3-chloropropane	35	5.0	50.00	0	70.9	40	125				
1,2-Dibromoethane	41	5.0	50.00	0	82.5	42	122				
1,2-Dichlorobenzene	41	5.0	50.00	0	82.7	45	128				
1,2-Dichloroethane	37	5.0	50.00	0	74.6	34	145				
1,2-Dichloropropane	40	5.0	50.00	0	80.4	44	135				
1,3,5-Trimethylbenzene	41	5.0	50.00	0	82.6	40	120				
1,3-Dichlorobenzene	43	5.0	50.00	0	85.0	40	135				
1,3-dichloropropane	38	5.0	50.00	0	76.9	40	120				
1,4-Dichlorobenzene	42	5.0	50.00	0	83.9	42	129				
1,4-Dioxane	45	5.0	50.00	0	90.8	40	120				
2,2-Dichloropropane	41	5.0	50.00	0	82.3	40	120				
2-Butanone	29	10	50.00	0	57.0	30	130				*
2-Chloroethyl vinyl ether	47	5.0	50.00	0	95.0	30	146				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3007**

Sample ID **LCS-3007** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/21/2014** RunNo: **5089**

Client ID: **LCSS** Batch ID: **3007** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/21/2014** SeqNo: **96200**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chlorotoluene	39	5.0	50.00	0	78.7	40	120				
2-Hexanone	31	10	50.00	0	61.7	30	120				
2-Propanol	38	5.0	50.00	0	75.2	35	120				
4-Chlorotoluene	40	5.0	50.00	0	79.1	40	120				
4-Isopropyltoluene	42	5.0	50.00	0	83.8	35	120				
4-Methyl-2-pentanone	32	10	50.00	0	63.7	40	120				
Acetone	16	10	50.00	0	32.3	30	124				*
Benzene	41	5.0	50.00	0	81.4	46	137				
Bromobenzene	42	5.0	50.00	0	84.4	35	125				
Bromochloromethane	37	5.0	50.00	0	74.1	35	125				
Bromodichloromethane	41	5.0	50.00	0	82.6	44	133				
Bromoform	40	5.0	50.00	0	79.7	39	147				
Bromomethane	59	5.0	50.00	0	118	22	140				
Carbon disulfide	44	5.0	50.00	0	87.9	30	120				
Carbon tetrachloride	43	5.0	50.00	0	86.9	40	144				
Chlorobenzene	42	5.0	50.00	0	83.1	45	131				
Chlorodifluoromethane	41	5.0	50.00	0	81.4	40	125				*
Chloroethane	49	5.0	50.00	0	97.3	43	147				
Chloroform	40	5.0	50.00	0	80.2	40	138				
Chloromethane	55	5.0	50.00	0	109	32	151				
cis-1,2-Dichloroethene	40	5.0	50.00	0	79.3	40	130				
cis-1,3-Dichloropropene	42	5.0	50.00	0	83.4	44	137				
Cyclohexane	40	5.0	50.00	0	80.4	40	130				
Dibromochloromethane	42	5.0	50.00	0	84.7	43	139				
Dibromomethane	41	5.0	50.00	0	81.1	40	125				
Dichlorodifluoromethane	90	5.0	50.00	0	180	35	130				S

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3007**

Sample ID **LCS-3007** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/21/2014** RunNo: **5089**

Client ID: **LCSS** Batch ID: **3007** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/21/2014** SeqNo: **96200**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diisopropyl ether	38	5.0	50.00	0	75.2	35	125				
Ethanol	160	20	250.0	0	64.3	40	130				*
Ethylbenzene	41	5.0	50.00	0	82.6	52	138				
Freon-114	66	5.0	50.00	0	131	30	120				S
Hexachlorobutadiene	45	5.0	50.00	0	90.6	40	125				
Isopropylbenzene	42	5.0	50.00	0	84.5	40	125				
m,p-Xylene	84	10	50.00	0	168	40	120				S
Methyl Acetate	28	5.0	50.00	0	55.7	40	120				
Methyl tert-butyl ether	38	5.0	50.00	0	76.9	40	120				
Methylene chloride	14	10	50.00	0	28.7	20	120				*
n-Butylbenzene	41	5.0	50.00	0	81.3	35	125				
n-Propylbenzene	40	5.0	50.00	0	80.9	30	120				
Naphthalene	38	5.0	50.00	0	76.9	40	147				
o-Xylene	41	5.0	50.00	0	82.4	40	120				
p-Diethylbenzene	45	5.0	50.00	0	89.2	35	125				
p-Ethyltoluene	43	5.0	50.00	0	85.3	23	125				
sec-Butylbenzene	42	5.0	50.00	0	83.0	40	120				
Styrene	41	5.0	50.00	0	82.3	30	121				m
t-Butyl alcohol	150	5.0	250.0	0	59.4	23	123				m
tert-Butylbenzene	42	5.0	50.00	0	84.0	41	129				
Tetrachloroethene	51	5.0	50.00	0	102	34	123				
Toluene	43	5.0	50.00	0	85.2	48	135				
trans-1,2-Dichloroethene	44	5.0	50.00	0	87.8	43	137				
trans-1,3-Dichloropropene	41	5.0	50.00	0	81.5	48	135				
Trichloroethene	46	5.0	50.00	0	91.1	44	135				
Trichlorofluoromethane	52	5.0	50.00	0	104	52	149				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3007**

Sample ID **LCS-3007** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/21/2014** RunNo: **5089**

Client ID: **LCSS** Batch ID: **3007** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/21/2014** SeqNo: **96200**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl acetate	36	5.0	50.00	0	71.3	44	122				
Vinyl chloride	56	5.0	50.00	0	111	49	154				*
Surr: 4-Bromofluorobenzene	51		50.00		103	50	139				
Surr: Dibromofluoromethane	50		50.00		99.2	50	139				
Surr: Toluene-d8	49		50.00		98.5	71	120				

Sample ID **MB-3007** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/21/2014** RunNo: **5089**

Client ID: **PBS** Batch ID: **3007** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/21/2014** SeqNo: **96201**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									U
1,1,1-Trichloroethane	ND	5.0									U
1,1,2,2-Tetrachloroethane	ND	5.0									U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									U
1,1,2-Trichloroethane	ND	5.0									U
1,1-Dichloroethane	ND	5.0									U
1,1-Dichloroethene	ND	5.0									U
1,1-Dichloropropene	ND	5.0									U
1,2,3-Trichlorobenzene	ND	5.0									U
1,2,3-Trichloropropane	ND	5.0									U
1,2,4,5-Tetramethylbenzene	ND	5.0									U
1,2,4-Trichlorobenzene	ND	5.0									U
1,2,4-Trimethylbenzene	ND	5.0									U
1,2-Dibromo-3-chloropropane	ND	5.0									U
1,2-Dibromoethane	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3007**

Sample ID **MB-3007**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/21/2014**	RunNo: **5089**
Client ID: **PBS**	Batch ID: **3007**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/21/2014**	SeqNo: **96201**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichlorobenzene	ND	5.0									U
1,2-Dichloroethane	ND	5.0									U
1,2-Dichloropropane	ND	5.0									U
1,3,5-Trimethylbenzene	ND	5.0									U
1,3-Dichlorobenzene	ND	5.0									U
1,3-dichloropropane	ND	5.0									U
1,4-Dichlorobenzene	ND	5.0									U
1,4-Dioxane	ND	5.0									U
2,2-Dichloropropane	ND	5.0									U
2-Butanone	ND	10									U*
2-Chloroethyl vinyl ether	ND	5.0									U
2-Chlorotoluene	ND	5.0									U
2-Hexanone	ND	10									U
2-Propanol	ND	5.0									U
4-Chlorotoluene	ND	5.0									U
4-Isopropyltoluene	ND	5.0									U
4-Methyl-2-pentanone	ND	10									U
Acetone	ND	10									U*
Benzene	ND	5.0									U
Bromobenzene	ND	5.0									U
Bromochloromethane	ND	5.0									U
Bromodichloromethane	ND	5.0									U
Bromoform	ND	5.0									U
Bromomethane	ND	5.0									U
Carbon disulfide	ND	5.0									U
Carbon tetrachloride	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3007**

Sample ID **MB-3007**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/21/2014**	RunNo: **5089**
Client ID: **PBS**	Batch ID: **3007**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/21/2014**	SeqNo: **96201**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	5.0									U
Chlorodifluoromethane	ND	5.0									U*
Chloroethane	ND	5.0									U
Chloroform	ND	5.0									U
Chloromethane	ND	5.0									U
cis-1,2-Dichloroethene	ND	5.0									U
cis-1,3-Dichloropropene	ND	5.0									U
Cyclohexane	ND	5.0									U
Dibromochloromethane	ND	5.0									U
Dibromomethane	ND	5.0									U
Dichlorodifluoromethane	ND	5.0									U
Diisopropyl ether	ND	5.0									U
Ethanol	ND	20									U*
Ethylbenzene	ND	5.0									U
Freon-114	ND	5.0									U
Hexachlorobutadiene	ND	5.0									U
Isopropylbenzene	ND	5.0									U
m,p-Xylene	ND	10									U
Methyl Acetate	ND	5.0									U
Methyl tert-butyl ether	ND	5.0									U
Methylene chloride	ND	10									U*
n-Butylbenzene	ND	5.0									U
n-Propylbenzene	ND	5.0									U
Naphthalene	ND	5.0									U
o-Xylene	ND	5.0									U
p-Diethylbenzene	ND	5.0									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3007**

Sample ID **MB-3007**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/21/2014**	RunNo: **5089**
Client ID: **PBS**	Batch ID: **3007**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/21/2014**	SeqNo: **96201**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
p-Ethyltoluene	ND	5.0									U
sec-Butylbenzene	ND	5.0									U
Styrene	ND	5.0									U
t-Butyl alcohol	ND	5.0									U
tert-Butylbenzene	ND	5.0									U
Tetrachloroethene	ND	5.0									U
Toluene	ND	5.0									U
trans-1,2-Dichloroethene	ND	5.0									U
trans-1,3-Dichloropropene	ND	5.0									U
Trichloroethene	ND	5.0									U
Trichlorofluoromethane	ND	5.0									U
Vinyl acetate	ND	5.0									U
Vinyl chloride	ND	5.0									U*
Surr: 4-Bromofluorobenzene	53		50.00		107	50	139				
Surr: Dibromofluoromethane	47		50.00		94.6	50	138				
Surr: Toluene-d8	49		50.00		97.3	71	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3013**

Sample ID **MB-3013**	SampType: **MBLK**	TestCode: **8270_S**	Units: **µg/Kg**	Prep Date: **11/21/2014**	RunNo: **5085**
Client ID: **PBS**	Batch ID: **3013**	TestNo: **SW8270D**	**SW3546**	Analysis Date: **11/24/2014**	SeqNo: **96153**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biphenyl	ND	250									U
1,2,4-Trichlorobenzene	ND	250									U
1,2-Dichlorobenzene	ND	250									U
1,3-Dichlorobenzene	ND	250									U
1,4-Dichlorobenzene	ND	250									U
2,4,5-Trichlorophenol	ND	250									U
2,4,6-Trichlorophenol	ND	250									U
2,4-Dichlorophenol	ND	250									U
2,4-Dimethylphenol	ND	250									U
2,4-Dinitrophenol	ND	500									U*
2,4-Dinitrotoluene	ND	250									U
2,6-Dinitrotoluene	ND	250									U
2-Chloronaphthalene	ND	250									U
2-Chlorophenol	ND	250									U
2-Methylnaphthalene	ND	250									U
2-Methylphenol	ND	250									U
2-Nitroaniline	ND	250									U
2-Nitrophenol	ND	250									U
3+4-Methylphenol	ND	250									U
3-Nitroaniline	ND	250									U
4,6-Dinitro-2-methylphenol	ND	500									U
4-Bromophenyl phenyl ether	ND	250									U
4-Chloro-3-methylphenol	ND	250									U
4-Chloroaniline	ND	250									U
4-Chlorophenyl phenyl ether	ND	250									U
4-Nitroaniline	ND	250									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3013**

Sample ID **MB-3013**	SampType: **MBLK**	TestCode: **8270_S**	Units: **µg/Kg**	Prep Date: **11/21/2014**	RunNo: **5085**
Client ID: **PBS**	Batch ID: **3013**	TestNo: **SW8270D**	**SW3546**	Analysis Date: **11/24/2014**	SeqNo: **96153**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	ND	500									U
Acenaphthene	ND	250									U
Acenaphthylene	ND	250									U
Acetophenone	ND	250									U
Aniline	ND	250									U
Anthracene	ND	250									U
Azobenzene	ND	250									U
Benzo(a)anthracene	ND	250									U
Benzo(a)pyrene	ND	150									U
Benzo(b)fluoranthene	ND	250									U
Benzo(g,h,i)perylene	ND	250									U
Benzo(k)fluoranthene	ND	250									U
Benzoic acid	ND	500									U*
Benzyl alcohol	ND	250									U
Bis(2-chloroethoxy)methane	ND	250									U
Bis(2-chloroethyl)ether	ND	250									U
Bis(2-chloroisopropyl)ether	ND	250									U
Bis(2-ethylhexyl)phthalate	ND	250									U
Butyl benzyl phthalate	ND	250									U
Carbazole	ND	250									U
Chrysene	ND	250									U
Di-n-butyl phthalate	ND	250									U
Di-n-octyl phthalate	ND	500									U
Dibenzo(a,h)anthracene	ND	150									U
Dibenzofuran	ND	250									U
Diethyl phthalate	29	250									J

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3013**

Sample ID **MB-3013**	SampType: **MBLK**	TestCode: **8270_S**	Units: **µg/Kg**	Prep Date: **11/21/2014**	RunNo: **5085**
Client ID: **PBS**	Batch ID: **3013**	TestNo: **SW8270D**	**SW3546**	Analysis Date: **11/24/2014**	SeqNo: **96153**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dimethyl phthalate	ND	250									U
Fluoranthene	ND	250									U
Fluorene	ND	250									U
Hexachlorobenzene	ND	250									U
Hexachlorobutadiene	ND	250									U
Hexachlorocyclopentadiene	ND	250									U*
Hexachloroethane	ND	250									U
Indeno(1,2,3-c,d)pyrene	ND	250									U
Isophorone	ND	250									U
N-Nitrosodi-n-propylamine	ND	150									U
N-Nitrosodimethylamine	ND	250									U
N-Nitrosodiphenylamine	ND	250									U
Naphthalene	ND	250									U
Nitrobenzene	ND	250									U
Parathion	ND	500									U
Pentachlorophenol	ND	500									U*
Phenanthrene	ND	250									U
Phenol	ND	250									U
Pyrene	ND	250									U
Pyridine	ND	250									U
Surr: 2,4,6-Tribromophenol	1400		2000		68.5	14	144				
Surr: 2-Fluorobiphenyl	770		1000		77.5	17	129				
Surr: 2-Fluorophenol	1500		2000		73.3	21	149				
Surr: 4-Terphenyl-d14	880		1000		88.1	18	134				
Surr: Nitrobenzene-d5	750		1000		74.7	18	125				
Surr: Phenol-d6	1500		2000		73.9	20	147				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3013**

Sample ID	**MB-3013**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**11/21/2014**	RunNo:	**5085**
Client ID:	**PBS**	Batch ID:	**3013**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**11/24/2014**	SeqNo:	**96153**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	**LCS-3013**	SampType:	**LCS**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**11/21/2014**	RunNo:	**5085**
Client ID:	**LCSS**	Batch ID:	**3013**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**11/24/2014**	SeqNo:	**96154**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biphenyl	1700	250	2000	0	83.5	28	126				
1,2,4-Trichlorobenzene	1600	250	2000	0	77.8	20	126				
1,2-Dichlorobenzene	1600	250	2000	0	79.6	23	128				
1,3-Dichlorobenzene	1500	250	2000	0	76.8	22	121				
1,4-Dichlorobenzene	1600	250	2000	0	77.9	20	128				
2,4,5-Trichlorophenol	ND	250		0	0	23	135				U
2,4,6-Trichlorophenol	1600	250	2000	0	79.3	20	128				
2,4-Dichlorophenol	1500	250	2000	0	77.0	20	125				
2,4-Dimethylphenol	1500	250	2000	0	75.6	16	122				
2,4-Dinitrophenol	450	500	2000	0	22.3	1	112				*
2,4-Dinitrotoluene	1500	250	2000	0	73.3	20	127				
2,6-Dinitrotoluene	1400	250	2000	0	69.3	12	125				
2-Chloronaphthalene	1700	250	2000	0	83.4	21	124				
2-Chlorophenol	1600	250	2000	0	79.6	23	133				
2-Methylnaphthalene	ND	250		0	0	22	120				U
2-Methylphenol	ND	250		0	0	24	130				U
2-Nitroaniline	ND	250		0	0	14	115				U
2-Nitrophenol	1600	250	2000	0	82.4	15	129				
3+4-Methylphenol	ND	250		0	0	18	140				U
3-Nitroaniline	ND	250		0	0	14	120				U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3013**

Sample ID **LCS-3013** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **11/21/2014** RunNo: **5085**

Client ID: **LCSS** Batch ID: **3013** TestNo: **SW8270D** **SW3546** Analysis Date: **11/24/2014** SeqNo: **96154**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,6-Dinitro-2-methylphenol	1200	500	2000	0	61.5	10	120				
4-Bromophenyl phenyl ether	1700	250	2000	0	84.5	21	134				
4-Chloro-3-methylphenol	1500	250	2000	0	76.1	16	132				
4-Chloroaniline	ND	250		0	0	10	101				U
4-Chlorophenyl phenyl ether	1600	250	2000	0	77.9	20	127				
4-Nitroaniline	ND	250		0	0	20	133				U
4-Nitrophenol	1000	500	2000	0	50.7	5	125				
Acenaphthene	1600	250	2000	0	80.7	14	132				
Acenaphthylene	1600	250	2000	0	81.1	17	130				
Acetophenone	1700	250	2000	0	82.5	34	129				
Aniline	ND	250		0	0	5	105				U
Anthracene	1700	250	2000	0	82.7	20	132				
Azobenzene	ND	250		0	0	26	144				U
Benzo(a)anthracene	1700	250	2000	0	86.4	20	138				
Benzo(a)pyrene	1700	150	2000	0	83.2	14	130				
Benzo(b)fluoranthene	1600	250	2000	0	79.9	20	130				m
Benzo(g,h,i)perylene	1800	250	2000	0	88.7	10	142				
Benzo(k)fluoranthene	1800	250	2000	0	88.4	20	137				
Benzoic acid	ND	500		0	0	1	114				U*
Benzyl alcohol	ND	250		0	0	20	130				U
Bis(2-chloroethoxy)methane	1600	250	2000	0	79.9	19	128				
Bis(2-chloroethyl)ether	1700	250	2000	0	83.3	20	139				
Bis(2-chloroisopropyl)ether	1700	250	2000	0	83.5	11	134				
Bis(2-ethylhexyl)phthalate	1900	250	2000	0	95.1	18	143				
Butyl benzyl phthalate	1900	250	2000	0	94.4	20	148				
Carbazole	ND	250		0	0	21	135				U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S

BatchID: **3013**

Sample ID **LCS-3013** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **11/21/2014** RunNo: **5085**

Client ID: **LCSS** Batch ID: **3013** TestNo: **SW8270D** **SW3546** Analysis Date: **11/24/2014** SeqNo: **96154**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	1700	250	2000	0	85.7	20	136				
Di-n-butyl phthalate	1700	250	2000	0	86.9	20	141				
Di-n-octyl phthalate	1600	500	2000	0	81.3	16	142				
Dibenzo(a,h)anthracene	1800	150	2000	0	88.9	11	140				
Dibenzofuran	ND	250		0	0	21	131				U
Diethyl phthalate	1600	250	2000	0	78.9	20	138				B
Dimethyl phthalate	1500	250	2000	0	77.1	20	130				
Fluoranthene	1600	250	2000	0	78.7	16	130				
Fluorene	1600	250	2000	0	78.5	20	131				
Hexachlorobenzene	1600	250	2000	0	82.2	20	132				
Hexachlorobutadiene	1600	250	2000	0	80.1	20	126				
Hexachlorocyclopentadiene	1400	250	2000	0	70.7	14	128				*
Hexachloroethane	1600	250	2000	0	81.8	20	132				
Indeno(1,2,3-c,d)pyrene	1800	250	2000	0	87.5	20	137				m
Isophorone	1600	250	2000	0	79.2	20	134				
N-Nitrosodi-n-propylamine	1600	150	2000	0	79.5	20	142				
N-Nitrosodimethylamine	1600	250	2000	0	78.7	15	138				
N-Nitrosodiphenylamine	1600	250	2000	0	81.5	5	100				
Naphthalene	1600	250	2000	0	80.1	20	131				
Nitrobenzene	1600	250	2000	0	80.4	21	131				
Parathion	ND	500		0	0	21	130				U
Pentachlorophenol	610	500	2000	0	30.6	10	128				*
Phenanthrene	1600	250	2000	0	81.2	11	133				
Phenol	1500	250	2000	0	75.9	22	132				
Pyrene	1800	250	2000	0	91.7	11	137				
Pyridine	ND	250		0	0	1	101				U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3013**

Sample ID **LCS-3013** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **11/21/2014** RunNo: **5085**

Client ID: **LCSS** Batch ID: **3013** TestNo: **SW8270D** **SW3546** Analysis Date: **11/24/2014** SeqNo: **96154**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1400		2000		71.5	14	144				
Surr: 2-Fluorobiphenyl	720		1000		72.2	17	129				
Surr: 2-Fluorophenol	1400		2000		67.9	21	149				
Surr: 4-Terphenyl-d14	800		1000		79.8	18	134				
Surr: Nitrobenzene-d5	700		1000		70.4	18	125				
Surr: Phenol-d6	1300		2000		66.6	20	147				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3013**

Sample ID **MB-3013** SampType: **MBLK** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **11/21/2014** RunNo: **5086**

Client ID: **PBS** Batch ID: **3013** TestNo: **SW8270D** **SW3546** Analysis Date: **11/24/2014** SeqNo: **96157**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3,3´-Dichlorobenzidine	ND	250									U
Atrazine	ND	250									U
Benzaldehyde	ND	500									U
Benzidine	ND	500									U
Caprolactam	ND	250									U

Sample ID **LCS-3013** SampType: **LCS** TestCode: **8270_S** Units: **µg/Kg** Prep Date: **11/21/2014** RunNo: **5086**

Client ID: **LCSS** Batch ID: **3013** TestNo: **SW8270D** **SW3546** Analysis Date: **11/24/2014** SeqNo: **96158**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3,3´-Dichlorobenzidine	ND	250		0	0	10	106				U
Atrazine	1700	250	2000	0	86.6	20	130				
Benzaldehyde	1700	500	2000	0	85.1	20	130				
Benzidine	ND	500		0	0	1	100				U
Caprolactam	1500	250	2000	0	75.5	20	130				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3022**

Sample ID **MB-3022**	SampType: **MBLK**	TestCode: **8015DROTOT**	Units: **mg/Kg**	Prep Date: **11/24/2014**	RunNo: **5136**
Client ID: **PBS**	Batch ID: **3022**	TestNo: **SW8015D**	**SW3546**	Analysis Date: **11/25/2014**	SeqNo: **97904**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total DRO TPH	ND	5.0									U
Surr: o-Terphenyl	0.69		1.000		68.9	20	144				

Sample ID **LCS-3022**	SampType: **LCS**	TestCode: **8015DROTOT**	Units: **mg/Kg**	Prep Date: **11/24/2014**	RunNo: **5136**
Client ID: **LCSS**	Batch ID: **3022**	TestNo: **SW8015D**	**SW3546**	Analysis Date: **11/25/2014**	SeqNo: **97905**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total DRO TPH	94	5.0	100.0	0	94.4	21	137				
Surr: o-Terphenyl	0.79		1.000		79.1	20	144				

Sample ID **1411156-005AMS**	SampType: **MS**	TestCode: **8015DROTOT**	Units: **mg/Kg-dry**	Prep Date: **11/24/2014**	RunNo: **5136**
Client ID: **BatchQC**	Batch ID: **3022**	TestNo: **SW8015D**	**SW3546**	Analysis Date: **11/25/2014**	SeqNo: **97907**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total DRO TPH	690	13	256.0	524.5	62.9	21	137				
Surr: o-Terphenyl	2.1		2.560		80.5	20	144				

Sample ID **1411156-005AMSD**	SampType: **MSD**	TestCode: **8015DROTOT**	Units: **mg/Kg-dry**	Prep Date: **11/24/2014**	RunNo: **5136**
Client ID: **BatchQC**	Batch ID: **3022**	TestNo: **SW8015D**	**SW3546**	Analysis Date: **11/25/2014**	SeqNo: **97908**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total DRO TPH	640	13	256.7	524.5	44.3	21	137	685.5	7.14	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3022**

Sample ID **1411156-005AMSD** SampType: **MSD** TestCode: **8015DROTOT** Units: **mg/Kg-dry** Prep Date: **11/24/2014** RunNo: **5136**

Client ID: **BatchQC** Batch ID: **3022** TestNo: **SW8015D** **SW3546** Analysis Date: **11/25/2014** SeqNo: **97908**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: o-Terphenyl	1.7		2.567		66.2	20	144		0	0	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3026**

Sample ID **LCS-3026** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/24/2014** RunNo: **5089**

Client ID: **LCSS** Batch ID: **3026** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/24/2014** SeqNo: **96954**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	2000	250	2500	0	78.2	40	135				
1,1,1-Trichloroethane	1900	250	2500	0	74.2	42	139				
1,1,2,2-Tetrachloroethane	1700	250	2500	0	69.6	44	138				
1,1,2-Trichloro-1,2,2-trifluoroethane	2100	250	2500	0	84.2	40	135				
1,1,2-Trichloroethane	1800	250	2500	0	74.0	43	134				
1,1-Dichloroethane	1700	250	2500	0	69.0	41	142				
1,1-Dichloroethene	1700	250	2500	0	68.0	33	144				
1,1-Dichloropropene	1800	250	2500	0	72.3	40	130				
1,2,3-Trichlorobenzene	2100	250	2500	0	85.4	40	140				
1,2,3-Trichloropropane	1900	250	2500	0	74.2	40	130				
1,2,4,5-Tetramethylbenzene	2300	250	2500	0	93.4	41	125				
1,2,4-Trichlorobenzene	2100	250	2500	0	84.7	42	125				
1,2,4-Trimethylbenzene	1900	250	2500	0	76.0	40	122				
1,2-Dibromo-3-chloropropane	2000	250	2500	0	79.8	40	125				
1,2-Dibromoethane	2000	250	2500	0	78.7	42	122				
1,2-Dichlorobenzene	2000	250	2500	0	80.1	45	128				
1,2-Dichloroethane	1700	250	2500	0	68.0	34	145				
1,2-Dichloropropane	1800	250	2500	0	73.1	44	135				
1,3,5-Trimethylbenzene	1900	250	2500	0	77.5	40	120				
1,3-Dichlorobenzene	1900	250	2500	0	76.3	40	135				
1,3-dichloropropane	1800	250	2500	0	73.4	40	120				
1,4-Dichlorobenzene	1900	250	2500	0	76.2	42	129				
1,4-Dioxane	2000	250	2500	0	79.2	40	120				
2,2-Dichloropropane	1800	250	2500	0	70.2	40	120				
2-Butanone	2800	500	2500	0	111	30	130				*
2-Chloroethyl vinyl ether	2500	250	2500	0	100	30	146				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3026**

Sample ID **LCS-3026** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/24/2014** RunNo: **5089**

Client ID: **LCSS** Batch ID: **3026** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/24/2014** SeqNo: **96954**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chlorotoluene	1800	250	2500	0	74.0	40	120				
2-Hexanone	2400	500	2500	0	95.8	30	120				
2-Propanol	1900	250	2500	0	74.5	35	120				
4-Chlorotoluene	1900	250	2500	0	75.2	40	120				
4-Isopropyltoluene	1900	250	2500	0	78.0	35	120				
4-Methyl-2-pentanone	2300	500	2500	0	93.5	40	120				
Acetone	1100	500	2500	0	44.3	30	124				*
Benzene	1800	250	2500	0	72.1	46	137				
Bromobenzene	2100	250	2500	0	82.6	35	125				
Bromochloromethane	1600	250	2500	0	63.6	35	125				
Bromodichloromethane	1900	250	2500	0	74.6	44	133				
Bromoform	1900	250	2500	0	75.7	39	147				
Bromomethane	1600	250	2500	0	64.7	22	140				
Carbon disulfide	1900	250	2500	0	76.0	30	120				
Carbon tetrachloride	1900	250	2500	0	76.8	40	144				
Chlorobenzene	1900	250	2500	0	77.4	45	131				
Chlorodifluoromethane	2000	250	2500	0	81.1	40	125				
Chloroethane	2100	250	2500	0	82.2	43	147				
Chloroform	1800	250	2500	0	72.3	40	138				
Chloromethane	2000	250	2500	0	78.6	32	151				
cis-1,2-Dichloroethene	1700	250	2500	0	69.3	40	130				
cis-1,3-Dichloropropene	1900	250	2500	0	75.6	44	137				
Cyclohexane	1900	250	2500	0	75.0	40	130				
Dibromochloromethane	2000	250	2500	0	80.0	43	139				
Dibromomethane	1900	250	2500	0	75.5	40	125				
Dichlorodifluoromethane	3400	250	2500	0	136	35	130				S

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3026**

Sample ID **LCS-3026** SampType: **LCS** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/24/2014** RunNo: **5089**

Client ID: **LCSS** Batch ID: **3026** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/24/2014** SeqNo: **96954**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diisopropyl ether	1900	250	2500	0	74.5	35	125				
Ethanol	7200	1000	12500	0	57.8	40	130				*
Ethylbenzene	1900	250	2500	0	75.0	52	138				
Freon-114	2900	250	2500	0	117	30	120				*
Hexachlorobutadiene	2100	250	2500	0	84.4	40	125				
Isopropylbenzene	1900	250	2500	0	77.1	40	125				
m,p-Xylene	3900	500	2500	0	155	40	120				S
Methyl Acetate	1600	250	2500	0	62.2	40	120				
Methyl tert-butyl ether	2000	250	2500	0	80.5	40	120				
Methylene chloride	720	500	2500	0	28.9	20	120				*
n-Butylbenzene	1700	250	2500	0	69.2	35	125				
n-Propylbenzene	1900	250	2500	0	74.2	30	120				
Naphthalene	2000	250	2500	0	79.5	40	147				
o-Xylene	1900	250	2500	0	75.7	40	120				
p-Diethylbenzene	2300	250	2500	0	90.6	35	125				
p-Ethyltoluene	2300	250	2500	0	93.4	23	125				
sec-Butylbenzene	1900	250	2500	0	77.3	40	120				
Styrene	2000	250	2500	0	79.5	30	121				m
t-Butyl alcohol	9800	250	12500	0	78.5	23	123				*
tert-Butylbenzene	2000	250	2500	0	78.7	41	129				
Tetrachloroethene	2300	250	2500	0	91.8	34	123				
Toluene	1900	250	2500	0	76.2	48	135				
trans-1,2-Dichloroethene	1900	250	2500	0	74.5	43	137				
trans-1,3-Dichloropropene	1900	250	2500	0	76.9	48	135				
Trichloroethene	2000	250	2500	0	81.7	44	135				
Trichlorofluoromethane	2200	250	2500	0	89.2	52	149				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3026**

Sample ID **LCS-3026**	SampType: **LCS**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/24/2014**	RunNo: **5089**
Client ID: **LCSS**	Batch ID: **3026**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/24/2014**	SeqNo: **96954**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl acetate	1700	250	2500	0	66.5	44	122				
Vinyl chloride	2000	250	2500	0	81.1	49	154				
Surr: 4-Bromofluorobenzene	2700		2500		107	50	139				
Surr: Dibromofluoromethane	2400		2500		96.3	50	139				
Surr: Toluene-d8	2500		2500		98.4	71	120				

Sample ID **MB-3026**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/24/2014**	RunNo: **5089**
Client ID: **PBS**	Batch ID: **3026**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/24/2014**	SeqNo: **96955**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	250									DU
1,1,1-Trichloroethane	ND	250									DU
1,1,2,2-Tetrachloroethane	ND	250									DU
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	250									DU
1,1,2-Trichloroethane	ND	250									DU
1,1-Dichloroethane	ND	250									DU
1,1-Dichloroethene	ND	250									DU
1,1-Dichloropropene	ND	250									DU
1,2,3-Trichlorobenzene	ND	250									DU
1,2,3-Trichloropropane	ND	250									DU
1,2,4,5-Tetramethylbenzene	ND	250									DU
1,2,4-Trichlorobenzene	ND	250									DU
1,2,4-Trimethylbenzene	ND	250									DU
1,2-Dibromo-3-chloropropane	ND	250									DU
1,2-Dibromoethane	ND	250									DU

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3026**

Sample ID **MB-3026** SampType: **MBLK** TestCode: **8260_S** Units: **µg/Kg** Prep Date: **11/24/2014** RunNo: **5089**

Client ID: **PBS** Batch ID: **3026** TestNo: **SW8260C** **SW5035A** Analysis Date: **11/24/2014** SeqNo: **96955**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichlorobenzene	ND	250									DU
1,2-Dichloroethane	ND	250									DU
1,2-Dichloropropane	ND	250									DU
1,3,5-Trimethylbenzene	ND	250									DU
1,3-Dichlorobenzene	ND	250									DU
1,3-dichloropropane	ND	250									DU
1,4-Dichlorobenzene	ND	250									DU
1,4-Dioxane	ND	250									DU
2,2-Dichloropropane	ND	250									DU
2-Butanone	ND	500									DU*
2-Chloroethyl vinyl ether	ND	250									DU
2-Chlorotoluene	ND	250									DU
2-Hexanone	ND	500									DU
2-Propanol	ND	250									DU
4-Chlorotoluene	ND	250									DU
4-Isopropyltoluene	ND	250									DU
4-Methyl-2-pentanone	ND	500									DU
Acetone	ND	500									DU*
Benzene	ND	250									DU
Bromobenzene	ND	250									DU
Bromochloromethane	ND	250									DU
Bromodichloromethane	ND	250									DU
Bromoform	ND	250									DU
Bromomethane	ND	250									DU
Carbon disulfide	ND	250									DU
Carbon tetrachloride	ND	250									DU

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3026**

Sample ID **MB-3026**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/24/2014**	RunNo: **5089**
Client ID: **PBS**	Batch ID: **3026**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/24/2014**	SeqNo: **96955**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	250									DU
Chlorodifluoromethane	ND	250									DU
Chloroethane	ND	250									DU
Chloroform	ND	250									DU
Chloromethane	ND	250									DU
cis-1,2-Dichloroethene	ND	250									DU
cis-1,3-Dichloropropene	ND	250									DU
Cyclohexane	ND	250									DU
Dibromochloromethane	ND	250									DU
Dibromomethane	ND	250									DU
Dichlorodifluoromethane	ND	250									DU
Diisopropyl ether	ND	250									DU
Ethanol	ND	1000									DU*
Ethylbenzene	ND	250									DU
Freon-114	ND	250									DU*
Hexachlorobutadiene	ND	250									DU
Isopropylbenzene	ND	250									DU
m,p-Xylene	ND	500									DU
Methyl Acetate	ND	250									DU
Methyl tert-butyl ether	ND	250									DU
Methylene chloride	ND	500									DU*
n-Butylbenzene	ND	250									DU
n-Propylbenzene	ND	250									DU
Naphthalene	ND	250									DU
o-Xylene	ND	250									DU
p-Diethylbenzene	ND	250									DU

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3026**

Sample ID **MB-3026**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **11/24/2014**	RunNo: **5089**
Client ID: **PBS**	Batch ID: **3026**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **11/24/2014**	SeqNo: **96955**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
p-Ethyltoluene	ND	250									DU
sec-Butylbenzene	ND	250									DU
Styrene	ND	250									DU
t-Butyl alcohol	ND	250									DU*
tert-Butylbenzene	ND	250									DU
Tetrachloroethene	ND	250									DU
Toluene	ND	250									DU
trans-1,2-Dichloroethene	ND	250									DU
trans-1,3-Dichloropropene	ND	250									DU
Trichloroethene	ND	250									DU
Trichlorofluoromethane	ND	250									DU
Vinyl acetate	ND	250									DU
Vinyl chloride	ND	250									DU
Surr: 4-Bromofluorobenzene	2600		2500		104	50	139				D
Surr: Dibromofluoromethane	2400		2500		95.4	50	138				D
Surr: Toluene-d8	2500		2500		98.7	71	120				D

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3030**

Sample ID **MBS112414A** SampType: **MBLK** TestCode: **ICPSCAN_S** Units: **mg/Kg** Prep Date: **11/24/2014** RunNo: **5131**

Client ID: **PBS** Batch ID: **3030** TestNo: **SW6010C** **SW3050B** Analysis Date: **11/25/2014** SeqNo: **97820**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.400									U
Antimony	ND	0.500									U
Arsenic	ND	0.500									U
Barium	ND	0.400									U
Beryllium	ND	0.400									U
Boron	ND	0.400									U
Cadmium	ND	0.400									U
Calcium	ND	0.500									U
Chromium	ND	0.400									U
Cobalt	ND	0.400									U
Copper	ND	0.400									U
Iron	ND	0.400									U
Lead	ND	0.400									U
Magnesium	ND	0.400									U
Manganese	ND	0.400									U
Molybdenum	ND	0.400									U
Nickel	ND	0.400									U
Potassium	ND	0.500									U
Selenium	ND	0.500									U
Silicon	ND	0.500									U
Silver	ND	0.400									U
Sodium	ND	0.500									U
Thallium	ND	0.500									U
Tin	ND	0.400									U
Titanium	ND	0.400									U
Vanadium	ND	0.400									U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3030**

Sample ID **MBS112414A** SampType: **MBLK** TestCode: **ICPSCAN_S** Units: **mg/Kg** Prep Date: **11/24/2014** RunNo: **5131**
Client ID: **PBS** Batch ID: **3030** TestNo: **SW6010C** **SW3050B** Analysis Date: **11/25/2014** SeqNo: **97820**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	ND	0.400									U

Sample ID **LCSS112414A** SampType: **LCS** TestCode: **ICPSCAN_S** Units: **mg/Kg** Prep Date: **11/24/2014** RunNo: **5131**
Client ID: **LCSS** Batch ID: **3030** TestNo: **SW6010C** **SW3050B** Analysis Date: **11/25/2014** SeqNo: **97821**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	43.7	0.400	40.00	0	109	80	120				
Antimony	42.2	0.500	40.00	0	105	80	120				
Arsenic	39.9	0.500	40.00	0	99.7	80	120				
Barium	43.0	0.400	40.00	0	108	80	120				
Beryllium	40.8	0.400	40.00	0	102	80	120				
Cadmium	40.4	0.400	40.00	0	101	80	120				
Calcium	42.6	0.500	40.00	0	106	80	120				
Chromium	43.3	0.400	40.00	0	108	80	120				
Cobalt	43.2	0.400	40.00	0	108	80	120				
Copper	41.4	0.400	40.00	0	104	80	120				
Iron	41.6	0.400	40.00	0	104	80	120				
Lead	38.9	0.400	40.00	0	97.2	80	120				
Magnesium	41.8	0.400	40.00	0	105	80	120				
Manganese	40.9	0.400	40.00	0	102	80	120				
Molybdenum	43.3	0.400	40.00	0	108	80	120				
Nickel	42.6	0.400	40.00	0	107	80	120				
Potassium	417	0.500	400.0	0	104	80	120				
Selenium	40.2	0.500	40.00	0	100	80	120				
Silver	41.1	0.400	40.00	0	103	80	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3030**

Sample ID **LCSS112414A** SampType: **LCS** TestCode: **ICPSCAN_S** Units: **mg/Kg** Prep Date: **11/24/2014** RunNo: **5131**

Client ID: **LCSS** Batch ID: **3030** TestNo: **SW6010C** **SW3050B** Analysis Date: **11/25/2014** SeqNo: **97821**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sodium	46.1	0.500	40.00	0	115	80	120				
Thallium	41.2	0.500	40.00	0	103	80	120				
Vanadium	42.2	0.400	40.00	0	106	80	120				
Zinc	42.3	0.400	40.00	0	106	80	120				

Sample ID **1411156-005AMS** SampType: **MS** TestCode: **ICPSCAN_S** Units: **mg/Kg-dry** Prep Date: **11/24/2014** RunNo: **5131**

Client ID: **BatchQC** Batch ID: **3030** TestNo: **SW6010C** **SW3050B** Analysis Date: **11/25/2014** SeqNo: **97828**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	14800	1.02	51.20	15080	-610	75	125				S
Antimony	46.1	1.28	51.20	0	90.0	75	125				
Arsenic	56.2	1.28	51.20	9.240	91.7	75	125				
Barium	216	1.02	51.20	166.4	97.8	75	125				
Beryllium	48.1	1.02	51.20	0	94.0	75	125				
Cadmium	48.6	1.02	51.20	1.514	91.9	75	125				
Calcium	3870	1.28	51.20	3882	-19.8	75	125				S
Chromium	95.1	1.02	51.20	45.41	97.0	75	125				
Cobalt	43.0	1.02	51.20	2.548	79.1	75	125				
Copper	99.2	1.02	51.20	48.81	98.4	75	125				
Iron	17900	1.02	51.20	18080	-376	75	125				S
Lead	96.5	1.02	51.20	55.57	80.0	75	125				
Magnesium	4490	1.02	51.20	4529	-81.4	75	125				S
Manganese	1370	1.02	51.20	1365	12.6	75	125				S
Molybdenum	51.7	1.02	51.20	0.7718	99.5	75	125				
Nickel	75.5	1.02	51.20	28.23	92.3	75	125				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3030**

Sample ID **1411156-005AMS** SampType: **MS** TestCode: **ICPSCAN_S** Units: **mg/Kg-dry** Prep Date: **11/24/2014** RunNo: **5131**

Client ID: **BatchQC** Batch ID: **3030** TestNo: **SW6010C** **SW3050B** Analysis Date: **11/25/2014** SeqNo: **97828**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Potassium	2950	1.28	512.0	2427	103	75	125				
Selenium	47.1	1.28	51.20	0.7769	90.5	75	125				
Silver	50.6	1.02	51.20	0.5298	97.7	75	125				
Sodium	314	1.28	51.20	253.4	118	75	125				
Thallium	41.2	1.28	51.20	0	80.4	75	125				
Vanadium	86.0	1.02	51.20	36.66	96.4	75	125				
Zinc	342	1.02	51.20	298.3	84.5	75	125				

Sample ID **1411156-005AMSD** SampType: **MSD** TestCode: **ICPSCAN_S** Units: **mg/Kg-dry** Prep Date: **11/24/2014** RunNo: **5131**

Client ID: **BatchQC** Batch ID: **3030** TestNo: **SW6010C** **SW3050B** Analysis Date: **11/25/2014** SeqNo: **97829**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	14800	1.02	51.20	15080	-560	75	125	14760	0.173	20	S
Antimony	46.3	1.28	51.20	0	90.4	75	125	46.07	0.452	20	
Arsenic	56.6	1.28	51.20	9.240	92.5	75	125	56.20	0.686	20	
Barium	216	1.02	51.20	166.4	97.7	75	125	216.5	0.0300	20	
Beryllium	48.1	1.02	51.20	0	93.9	75	125	48.13	0.0790	20	
Cadmium	48.8	1.02	51.20	1.514	92.4	75	125	48.58	0.481	20	
Calcium	3860	1.28	51.20	3882	-50.2	75	125	3872	0.403	20	S
Chromium	95.5	1.02	51.20	45.41	97.9	75	125	95.09	0.452	20	
Cobalt	41.8	1.02	51.20	2.548	76.7	75	125	43.04	2.87	20	
Copper	99.5	1.02	51.20	48.81	99.1	75	125	99.18	0.350	20	
Iron	18000	1.02	51.20	18080	-229	75	125	17890	0.418	20	S
Lead	97.1	1.02	51.20	55.57	81.1	75	125	96.52	0.582	20	
Magnesium	4490	1.02	51.20	4529	-74.5	75	125	4487	0.0783	20	S

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3030**

Sample ID **1411156-005AMSD** SampType: **MSD** TestCode: **ICPSCAN_S** Units: **mg/Kg-dry** Prep Date: **11/24/2014** RunNo: **5131**

Client ID: **BatchQC** Batch ID: **3030** TestNo: **SW6010C** **SW3050B** Analysis Date: **11/25/2014** SeqNo: **97829**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Manganese	1380	1.02	51.20	1365	24.7	75	125	1372	0.448	20	S
Molybdenum	52.1	1.02	51.20	0.7718	100	75	125	51.71	0.794	20	
Nickel	75.6	1.02	51.20	28.23	92.6	75	125	75.51	0.175	20	
Potassium	2960	1.28	512.0	2427	105	75	125	2954	0.342	20	
Selenium	47.6	1.28	51.20	0.7769	91.5	75	125	47.12	1.08	20	
Silver	51.3	1.02	51.20	0.5298	99.2	75	125	50.57	1.50	20	
Sodium	317	1.28	51.20	253.4	123	75	125	313.9	0.860	20	
Thallium	41.2	1.28	51.20	0	80.5	75	125	41.18	0.0374	20	
Vanadium	86.1	1.02	51.20	36.66	96.5	75	125	86.01	0.0667	20	
Zinc	342	1.02	51.20	298.3	85.3	75	125	341.6	0.123	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3043**

Sample ID **MB-3043** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **11/25/2014** RunNo: **5151**

Client ID: **PBS** Batch ID: **3043** TestNo: **SW8082A** **SW3546** Analysis Date: **11/26/2014** SeqNo: **98338**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	20									U
Aroclor 1221	ND	20									U
Aroclor 1232	ND	20									U
Aroclor 1242	ND	20									U
Aroclor 1248	ND	20									U
Aroclor 1254	ND	20									U
Aroclor 1260	ND	20									U
Aroclor 1262	ND	20									U
Aroclor 1268	ND	20									U
Surr: DCB	12		24.94		48.2	12	151				
Surr: TCX	18		24.94		71.2	18	147				

Sample ID **LCS-3043** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **11/25/2014** RunNo: **5151**

Client ID: **LCSS** Batch ID: **3043** TestNo: **SW8082A** **SW3546** Analysis Date: **11/26/2014** SeqNo: **98339**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1232	180	20	250.0	0	73.5	30	140				
Aroclor 1268	170	20	250.0	0	68.2	35	135				
Surr: DCB	28		25.00		112	12	151				
Surr: TCX	17		25.00		68.8	18	147				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3043**

Sample ID **MB-3043**	SampType: **MBLK**	TestCode: **8082_S**	Units: **%REC**	Prep Date: **11/25/2014**	RunNo: **5152**
Client ID: **PBS**	Batch ID: **3043**	TestNo: **SW8082A**	**SW3546**	Analysis Date: **11/26/2014**	SeqNo: **98364**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	13		24.94		52.4	12	151				
Surr: TCX	19		24.94		76.4	18	147				

Sample ID **LCS-3043**	SampType: **LCS**	TestCode: **8082_S**	Units: **%REC**	Prep Date: **11/25/2014**	RunNo: **5152**
Client ID: **LCSS**	Batch ID: **3043**	TestNo: **SW8082A**	**SW3546**	Analysis Date: **11/26/2014**	SeqNo: **98365**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	28		25.00		113	12	151				
Surr: TCX	18		25.00		73.4	18	147				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3054**

Sample ID **LCS-3054** SampType: **LCS** TestCode: **8260_TCLP** Units: **mg/L** Prep Date: **11/25/2014** RunNo: **5140**

Client ID: **LCSS** Batch ID: **3054** TestNo: **SW1311/8260 SW5030C** Analysis Date: **11/25/2014** SeqNo: **98148**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.91	0.040	1.000	0	91.0	47	137				
1,2-Dichloroethane	0.83	0.040	1.000	0	83.3	52	136				
1,4-Dichlorobenzene	0.81	0.040	1.000	0	81.4	44	134				
2-Butanone	0.87	0.10	1.000	0	86.5	35	125				
Benzene	0.86	0.040	1.000	0	85.9	51	138				
Carbon tetrachloride	0.92	0.040	1.000	0	91.6	52	138				
Chlorobenzene	0.81	0.040	1.000	0	81.1	48	133				
Chloroform	0.86	0.040	1.000	0	86.4	54	136				
Tetrachloroethene	0.78	0.040	1.000	0	77.6	44	126				
Trichloroethene	0.83	0.040	1.000	0	83.2	52	134				
Vinyl chloride	1.2	0.040	1.000	0	118	55	151				
Surr: 4-Bromofluorobenzene	0.99		1.000		98.8	80	120				
Surr: Dibromofluoromethane	1.1		1.000		107	77	131				
Surr: Toluene-d8	1.0		1.000		101	80	120				

Sample ID **MB-3054** SampType: **MBLK** TestCode: **8260_TCLP** Units: **mg/L** Prep Date: **11/25/2014** RunNo: **5140**

Client ID: **PBS** Batch ID: **3054** TestNo: **SW1311/8260 SW5030C** Analysis Date: **11/25/2014** SeqNo: **98149**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.040									DU
1,2-Dichloroethane	ND	0.040									DU
1,4-Dichlorobenzene	ND	0.040									DU
2-Butanone	ND	0.10									DU
Benzene	ND	0.040									DU
Carbon tetrachloride	ND	0.040									DU

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3054**

Sample ID **MB-3054** SampType: **MBLK** TestCode: **8260_TCLP** Units: **mg/L** Prep Date: **11/25/2014** RunNo: **5140**

Client ID: **PBS** Batch ID: **3054** TestNo: **SW1311/8260 SW5030C** Analysis Date: **11/25/2014** SeqNo: **98149**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	0.040									DU
Chloroform	ND	0.040									DU
Tetrachloroethene	ND	0.040									DU
Trichloroethene	ND	0.040									DU
Vinyl chloride	ND	0.040									DU
Surr: 4-Bromofluorobenzene	0.94		1.000		94.0	80	120				D
Surr: Dibromofluoromethane	1.1		1.000		115	77	131				D
Surr: Toluene-d8	1.0		1.000		104	80	120				D

Sample ID **1411162-002AMS** SampType: **MS** TestCode: **8260_TCLP** Units: **mg/L** Prep Date: **11/25/2014** RunNo: **5140**

Client ID: **BatchQC** Batch ID: **3054** TestNo: **SW1311/8260 SW5030C** Analysis Date: **11/25/2014** SeqNo: **98155**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.92	0.040	1.000	0	91.8	29	118				D
1,2-Dichloroethane	0.85	0.040	1.000	0	85.2	26	120				D
1,4-Dichlorobenzene	0.80	0.040	1.000	0	79.5	35	110				D
2-Butanone	1.1	0.10	1.000	0	110	30	120				D
Benzene	0.86	0.040	1.000	0	85.7	27	116				D
Carbon tetrachloride	0.92	0.040	1.000	0	92.5	27	123				D
Chlorobenzene	0.82	0.040	1.000	0	81.6	33	120				D
Chloroform	0.85	0.040	1.000	0	85.4	29	128				D
Tetrachloroethene	0.84	0.040	1.000	0	83.6	20	125				D
Trichloroethene	0.83	0.040	1.000	0	83.0	24	122				D
Vinyl chloride	1.1	0.040	1.000	0	114	20	141				D
Surr: 4-Bromofluorobenzene	0.98		1.000		97.9	80	120				D

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3054**

Sample ID **1411162-002AMS** SampType: **MS** TestCode: **8260_TCLP** Units: **mg/L** Prep Date: **11/25/2014** RunNo: **5140**

Client ID: **BatchQC** Batch ID: **3054** TestNo: **SW1311/8260 SW5030C** Analysis Date: **11/25/2014** SeqNo: **98155**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.1		1.000		107	77	131				D
Surr: Toluene-d8	1.0		1.000		101	80	120				D

Sample ID **1411162-002AMSD** SampType: **MSD** TestCode: **8260_TCLP** Units: **mg/L** Prep Date: **11/25/2014** RunNo: **5140**

Client ID: **BatchQC** Batch ID: **3054** TestNo: **SW1311/8260 SW5030C** Analysis Date: **11/25/2014** SeqNo: **98156**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.90	0.040	1.000	0	90.3	29	118	0.9182	1.67	20	D
1,2-Dichloroethane	0.86	0.040	1.000	0	86.4	26	120	0.8518	1.42	20	D
1,4-Dichlorobenzene	0.81	0.040	1.000	0	81.0	35	110	0.7954	1.77	20	D
2-Butanone	1.1	0.10	1.000	0	110	30	120	1.104	0.327	20	D
Benzene	0.86	0.040	1.000	0	85.5	27	116	0.8570	0.234	20	D
Carbon tetrachloride	0.91	0.040	1.000	0	90.9	27	123	0.9246	1.75	20	D
Chlorobenzene	0.82	0.040	1.000	0	81.5	33	120	0.8162	0.0981	20	D
Chloroform	0.86	0.040	1.000	0	85.5	29	128	0.8538	0.187	20	D
Tetrachloroethene	0.84	0.040	1.000	0	84.0	20	125	0.8358	0.501	20	D
Trichloroethene	0.85	0.040	1.000	0	84.7	24	122	0.8302	2.03	20	D
Vinyl chloride	1.1	0.040	1.000	0	114	20	141	1.141	0.175	20	D
Surr: 4-Bromofluorobenzene	0.98		1.000		97.7	80	120		0	0	D
Surr: Dibromofluoromethane	1.0		1.000		105	77	131		0	0	D
Surr: Toluene-d8	1.0		1.000		101	80	120		0	0	D

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3057**

Sample ID	**MBS112514A**	SampType:	**MBLK**	TestCode:	**HG_S**	Units:	**mg/Kg**	Prep Date:	**11/25/2014**	RunNo:	**5126**
Client ID:	**PBS**	Batch ID:	**3057**	TestNo:	**SW7471B**	**SW7471B**		Analysis Date:	**11/25/2014**	SeqNo:	**97309**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.0120									U

Sample ID	**LCSS112514A**	SampType:	**LCS**	TestCode:	**HG_S**	Units:	**mg/Kg**	Prep Date:	**11/25/2014**	RunNo:	**5126**
Client ID:	**LCSS**	Batch ID:	**3057**	TestNo:	**SW7471B**	**SW7471B**		Analysis Date:	**11/25/2014**	SeqNo:	**97310**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.179	0.0120	0.2000	0	89.3	80	120				

Sample ID	**1411156-005AMS**	SampType:	**MS**	TestCode:	**HG_S**	Units:	**mg/Kg-dry**	Prep Date:	**11/25/2014**	RunNo:	**5126**
Client ID:	**BatchQC**	Batch ID:	**3057**	TestNo:	**SW7471B**	**SW7471B**		Analysis Date:	**11/25/2014**	SeqNo:	**97319**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.689	0.0295	0.4916	0.1652	107	80	120				

Sample ID	**1411156-005AMSD**	SampType:	**MSD**	TestCode:	**HG_S**	Units:	**mg/Kg-dry**	Prep Date:	**11/25/2014**	RunNo:	**5126**
Client ID:	**BatchQC**	Batch ID:	**3057**	TestNo:	**SW7471B**	**SW7471B**		Analysis Date:	**11/25/2014**	SeqNo:	**97320**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.780	0.0292	0.4869	0.1652	126	80	120	0.6894	12.4	20	S

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **3058**

Sample ID	**MBW112514A**	SampType:	**MBLK**	TestCode:	**TCLP_HG**	Units:	**mg/L**	Prep Date:	**11/25/2014**	RunNo:	**5127**
Client ID:	**PBS**	Batch ID:	**3058**	TestNo:	**SW1311/7470 SW7470A**			Analysis Date:	**11/25/2014**	SeqNo:	**97336**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.0200									U

Sample ID	**LCSW112514A**	SampType:	**LCS**	TestCode:	**TCLP_HG**	Units:	**mg/L**	Prep Date:	**11/25/2014**	RunNo:	**5127**
Client ID:	**LCSS**	Batch ID:	**3058**	TestNo:	**SW1311/7470 SW7470A**			Analysis Date:	**11/25/2014**	SeqNo:	**97337**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00377	0.0200	0.004000	0	94.3	64	123				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **R5067**

Sample ID	**1411111-001ADUP**	SampType:	**DUP**	TestCode:	**IGN_212_S**	Units:	**°F**	Prep Date:		RunNo:	**5067**
Client ID:	**BatchQC**	Batch ID:	**R5067**	TestNo:	**SW1020**			Analysis Date:	**11/21/2014**	SeqNo:	**95100**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ignitability	ND	212						0	0	0	U

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1411154**

26-Nov-14

Client: Envirotrac

Project: Dept of Aviation/Town of Islip/Camco; 2125 S **BatchID:** **R5092**

Sample ID **MB-R5092**	SampType: **MBLK**	TestCode: **RS_S**	Units: **mg/Kg**	Prep Date:	RunNo: **5092**
Client ID: **PBS**	Batch ID: **R5092**	TestNo: **SW7.3.4.2**		Analysis Date: **11/24/2014**	SeqNo: **96259**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Sulfide	ND	2.00									U

Sample ID **LCS-R5092**	SampType: **LCS**	TestCode: **RS_S**	Units: **mg/Kg**	Prep Date:	RunNo: **5092**
Client ID: **LCSS**	Batch ID: **R5092**	TestNo: **SW7.3.4.2**		Analysis Date: **11/24/2014**	SeqNo: **96260**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Sulfide	10.4	2.00	10.00	0	104	50	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Original

CLEANEARTH

Faster, smarter, greener solutions...

January 5, 2015

Mr. Robert Schneider
Town of Islip
2125 Smithtown Avenue
Ronkonkoma NY 11779

RE: Letter of Acceptance for Town of Islip | 2125 Smithtown Avenue, Ronkonkoma, NY 11779

Dear Mr. Schneider,

Clean Earth of Carteret, Inc. (CEC) is pleased to provide you with this acceptance letter for the soil material being generated from the site referenced above. CEC has reviewed the material profile sheet and the laboratory analysis representing the project soil material for offsite disposal. Based on the review, soil sample procedure and soil sample analytical data results represented by American Analytical Laboratories, LLC (Order No: 1411154) meet the analytical criteria of our NJDEP permitted Class-B Recycling Facility in Carteret, NJ. Therefore, this material can be accepted conditionally.

Please note that provided laboratory data package is short on TPH analysis for estimated quantity. In the event the volume exceeds approved tonnages, our facility is permitted to analyze missing parameters by collecting soil samples from incoming loads. Please note that TPH analysis (every 150 Tons) will be required to comply with CEC's Class B permit. In the essence of saving time, CEC will collect the additional TPH samples as required upon arrival at the facility to meet the CEC analytical requirements. CEC will amend the invoice accordingly.

Please provide the approval number when scheduling and include the approval number on all manifests when shipping soils generated from this site. CEC can only accept Non Hazardous petroleum impacted soils. Any soils with free petroleum product or liquids, sludge's, or hazardous waste cannot be accepted. The generator will be notified of any non-conforming material.

Clean Earth Inc. and its Subsidiaries would like to thank you in advance for giving us this opportunity to manage this waste stream. If you should have any questions or require any additional information, please call me at (732) 541-8909.

Sincerely,
Clean Earth of Carteret, LLC

Tejas R. Shah
Technical Approvals Manager
Clean Earth of Carteret, LLC
732-541-8909
tshah@cleanearthinc.com

Peter C. Breen, PG, CPG

From: Sheehan, John C (DEC) <john.sheehan@dec.ny.gov>
Sent: Wednesday, January 07, 2015 11:52 AM
To: Peter C. Breen, CPG
Subject: RE: Former CAMCO Site Soil IRM

Pete,
The NYSDEC approves the disposal of the soils associated with the CAMCO site's Soil IRM at Clean Earth's Carteret , New Jersey facility.

John

From: Peter C. Breen, CPG [mailto:peteb@envirotrac.com]
Sent: Tuesday, January 06, 2015 4:33 PM
To: Sheehan, John C (DEC)
Subject: Former CAMCO Site Soil IRM

John,

Attached is the acceptance letter from Clean Earth as we discussed.

Pete

Peter C. Breen, CPG | Senior Project Manager | EnviroTrac Ltd. | 5 Old Dock Road, Yaphank NY 11980
631.924.3001 (Office) | 631.924.5001 (Fax) | 631.767.9420 (Cell) | peteb@envirotrac.com

CLEANEARTH

Manifest # 941976

GLOBAL JOB NUMBER: 135635 **FACILITY APPROVAL NUMBER:** 153070058

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
Town of Islip 2125 Smithtown Ave Rankonkoma NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

non hazardous soil

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Matthew Smith on behalf of Town of Islip Title: Field Coordinator

Signature: [signature] Date and Time: 3/20/2015 8:30a

TRANSPORTER

Company: Mohon FMB3 Phone Number: 732 770 5911

Address: Box 38, Woodbridge NJ Truck # and License Plate: 43 [redacted] AR8350

Driver: Frank Bass SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 730 3/20/15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: _____

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: _____

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8500 Fax: (732) 541-8103

Ticket: 7000320854

	Date	Time	Scale
In:	3/23/2015	11:28:12	Scale CE
Out:	3/23/2015	11:48:41	Scale CE

Manifest: 941973
Vehicle ID: 07FM23

	Lbs	Tns
Gross:	103660	51.83
Tare:	29920	14.96
Net:	73740	36.87

Customer: AARCO ENV. SERVICES CORP

Facility Approvals: 153070208

Generators: Town of Islip
Gen Address: 2125 Smithtown Avenue
Ronkonkoma, NY 11779

Job Name: Town of Islip
Job Address: 2125 Smithtown Avenue
Ronkonkoma, NY 11779

Origin	Materials & Services	Quantity	Unit
Suffolk	Soil Treatment Type II	36.87	Tns

Contaminate Type: C Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: _____

Facility: _____
Dudash, Michael

GENERATOR

CLEANEARTH

Manifest # 942001

GLOBAL JOB NUMBER: _____ **FACILITY APPROVAL NUMBER:** 15307608

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
Town of Islip 2125 Smithtown Ave Ronkonkoma NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION: Non Hazardous Soil

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Matthew Smith as Agent for Town of Islip Title: Solid Sc ontract

Signature: [signature] Date and Time: 3/26/15 9:10

TRANSPORTER

Company: Mahon Brighton Phone Number: 732-770-5910

Address: Box 38 Woodbridge NJ Truck # and License Plate: 41 AS2206

Driver: Daniel Rosecrans SW Haulers Permit #: X

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 3-26-15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: _____

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: _____

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8505 Fax: (732) 541-8105

Ticket: 700020205415

	Date	Time	Scale
In:	3/20/2015	11:27:36	Scale CE
Out:	3/20/2015	11:45:55	Scale CE

	Lbs	Tns
Gross:	103580	51.79
Tare:	28340	14.17
Net:	75240	37.62

Manifest: 943001
Vehicle ID: 076RIGHTDN1

Customer: PARCO ENV. SERVICES CORP

Facility Approval#: 1520370050

Generator: Town of Islip
Gen Address: 2125 Smithtown Avenue
Ronkonkoma, NY 11779

Job Name: Town of Islip
Job Address: 2125 Smithtown Avenue
Ronkonkoma, NY 11779

Origin	Materials & Services	Quantity	Unit
Suffolk	Soil Treatment Type II	37.62	Tns

Contaminate Type: C Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: _____

Facility: _____
Dudash, Michael

GENERATOR

CLEANEARTH

Manifest # 953496

GLOBAL JOB NUMBER: 135635 **FACILITY APPROVAL NUMBER:** 1530700058

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
Town of Islip 2125 Smithtown Ave Ronkonkoma NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Matthew Smith as agent for Town of Islip Title: Staff Scientist

Signature: _____ Date and Time: 1-23-15 14:40

TRANSPORTER

Company: Prince Transport LLC Phone Number: _____

Address: 75 Kalka Timber Trail Rockaway Truck # and License Plate: 503 P34744

Driver: Dangel Machado SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: _____ Date and Time: 1-23-15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: 1-23-15

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: _____

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8989 Fax: (732) 541-8185

Ticket: 700000[illegible]

	Date	Time	Scale
In:	1/23/2015	17:41:45	Scale CE
Out:	1/23/2015	17:43:14	P.T.

	Lbs	Tns
Gross:	94960	47.48
Tare:	28340	14.17
Net:	66620	33.31

Manifest: 353496
Vehicle ID: 07PRINC503

Customer: ARROW ENV. SERVICES CORP

Facility Approval#: 153070058

Generator: Town of Islip
Gen Address: 2125 Smithtown Avenue
Ronkonkoma, NY 11779

Job Name: Town of Islip
Job Address: 2125 Smithtown Avenue
Ronkonkoma, NY 11779

Origin	Materials & Services	Quantity	Unit
Suffolk	Soil Treatment Type II	33.31	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____
Dangel

Facility: _____
Dudash, Mike

GENERATOR

CLEANEARTH

Manifest # 953497

GLOBAL JOB NUMBER: 135635 **FACILITY APPROVAL NUMBER:** 153070058

Please Check One:

☑ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Town of Islip 2125 Smith Town Ave Ronkonkoma NY	GROSS WEIGHT: ☐Tons ☐Yards	
	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Matthew Smith as agent for Town of Islip Title: Solid Waste Mgr

Signature: [signature] Date and Time: Jan 23, 2015 7:40 a.

TRANSPORTER

Company: Prince Transport Phone Number:

Address: 75 Fallen Timber Trail Rockaway NJ Truck # and License Plate: 503 AS 47417

Driver: Jorge Machado SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 1-23-15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 1-23-15

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] 1/23 Date and Time:

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700002182583

	Date	Time	Scale
In:	1/23/2015	12:00:35	Scale DE
Out:	1/23/2015	12:01:41	P.T.

	Lbs	Tns
Gross:	94320	47.16
Tare:	28340	14.17
Net:	65980	32.99

Manifest: 953497
Vehicle ID: 07PRINC503

Customer: AARCO ENV. SERVICES CORP
Facility Approval#: 153070050
Generator: Town of Islip
Job Name: Town of Islip
Gen Address: 2125 Smithtown Avenue
Ronkonkoma, NY 11779
Job Address: 2125 Smithtown Avenue
Ronkonkoma, NY 11779

Origin	Materials & Services	Quantity	Unit
Suffolk	Soil Treatment, Type II	32.99	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Facility: _____
Dudash, Mike

GENERATOR

CLEANEARTH

Manifest # 992533

GLOBAL JOB NUMBER: 135635 **FACILITY APPROVAL NUMBER:** 153070858

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
~~Town of Islip~~ ~~2125 Smithtown Ave Ronkonkoma NY 11779~~	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Matthew Smith as Agent for Town of Islip Title: Shell Specialist

Signature: [signature] Date and Time: 1-23-15 14:25

TRANSPORTER

Company: Prince Transport Phone Number: _____

Address: ~~75 Fallen Timbers Trail Parkway NJ 07856~~ Truck # and License Plate: 504 - A54976

Driver: WALTER BRUNNER SW Haulers Permit #: _____
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 1-23-15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 1-23-15

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] 1/23 Date and Time: _____

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 7020501[illegible]784

	Date	Time	Scale
In:	1/23/2015	17:18:51	Scale CE
Out:	1/23/2015	17:20:32	P.T.

	Lbs	Tns
Gross:	92940	46.47
Tare:	29120	14.56
Net:	63820	31.91

Manifest: 992533
Vehicle ID: 07PRINC304

Customer: AARCO ENV. SERVICES CORP

Facility Approval#: 153070058
Job Name: Town of Islip
Job Address: 2125 Smithtown Avenue
Ronkonkoma, NY 11779

Generator: Town of Islip
Gen Address: 2125 Smithtown Avenue
Ronkonkoma, NY 11779

Origin	Materials & Services	Quantity	Unit
Suffolk	Soil Treatment Type II	31.91	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Facility: _____
Dudash, Mike

GENERATOR

CLEANEARTH

Manifest # 992534

GLOBAL JOB NUMBER: 135635 **FACILITY APPROVAL NUMBER:** 153070058

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
Town of Islip 2125 Smithtown Ave Ronkonkoma NY 11779	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Matthew Smith as agent for Town of Islip Title: Solid Waste Analyst

Signature: [signature] Date and Time: Jan. 23, 2015 7:15am

TRANSPORTER

Company: Prince Transport Phone Number: _____

Address: 75 Fallen Timbers Trail Rockaway NJ 07866 Truck # and License Plate: 504 - M59976

Driver: WALTER BRUNNER SW Haulers Permit #: _____
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 1-23-15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 1-23-15

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: _____

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000182571

	Date	Time	Scale
In:	1/23/2015	11:52:00	Scale CE
Out:	1/23/2015	11:52:09	P.T.

	Lbs	Tns
Gross:	88940	44.47
Tare:	29120	14.56
Net:	59820	29.91

Manifest: 992534
Vehicle ID: 07PRINC504

Customer: AARCO ENV. SERVICES CORP

Facility Approval#: 153070058

Generator: Town of Islip
Gen Address: 2125 Smithtown Avenue
Ronkonkoma, NY 11779

Job Name: Town of Islip
Job Address: 2125 Smithtown Avenue
Ronkonkoma, NY 11779

Origin	Materials & Services	Quantity	Unit
Suffolk	Soil Treatment Type II	29.91	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Facility: _____
Dudash, Mike

GENERATOR