Subsurface Evaluation Report #2 for Central Aviation and Marine Company (CAMCO) Located at: Long Island MacArthur Airport 2125 Smithtown Ave Ronkonkoma, NY 11779

Prepared for:
Town of Islip
Department of Aviation and Transportation
665 Main Street
Islip, NY 11751

Prepared by

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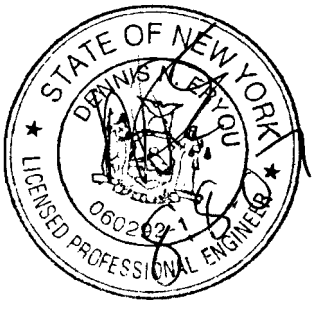
In Conjunction With:

Kost Environmental Services, Inc.
117 North 6th Street
Lindenhurst, NY 11757

July 2007



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1.0 INTRODUCTION

1.1 Background

Central Aviation and Marine Company (CAMCO) operated a repair and overhaul facility for aircraft parts and accessories located at Long Island MacArthur Airport at 2125 Smithtown Avenue in Ronkonkoma, NY from before World War II to approximately 1996. This facility utilized numerous solvents and regulated chemicals and was registered as a small quantity generator of hazardous waste. The Town of Islip, which owns the property that the CAMCO facility was located on, determined in August of 2006 that an environmental assessment should be performed prior to re-development of the site. In mid-September, N.D. Eryou, PhD, PE, Consulting Engineer (Eryou) was retained to perform the required Phase 1 and Phase 2 Environmental Assessment Studies.

In August 2006 NYSDEC advised the Town of Islip in writing that they intended to declare the CAMCO site an Inactive Hazardous Waste Site under the NYSDEC Superfund regulations.

Eryou submitted a report entitled "Preliminary Subsurface Evaluation Report for CAMCO" to the Town of Islip Department of Aviation and Transportation and the NYSDEC Region 1 office. NYSDEC reviewed this report and submitted a letter dated March 1, 2007 requesting that additional work be performed on site.

Eryou responded by submitting an Investigation Plan on April 23rd 2007, which was subsequently approved by DEC. Bids were requested for the work and a purchase order was issued to Fenley and Nicol for the field work. The field work was accomplished by Fenley and Nicol on July 5th and 6th.

1.2 Scope

As indicated in § 1.1, the scope of this report is limited to additional subsurface investigation required by the Work Plan in Appendix A.

2.0 SITE INVESTIGATION WORK

2.1 Methodology

During July 5th and 6th, Fenley and Nicol utilized a GeoProbe, manual soil sampling probes and a backhoe to sample soil beneath two drum storage areas, and nine drywells plus deep groundwater sampling at one location. The location of each boring is indicated on the maps in Appendix B and C. It should be noted that Appendix B contains the site map from a 1985 EPA report and Appendix C contains the updated site map based upon the results of this field work.

2.2 Soil Borings

Two soil borings were installed in the former drum storage areas indicated on the site map in Appendix C. One drum storage area is located at the northwest corner of the building and it is enclosed by a roof and three walls. Boring Log B-14 in Appendix D presents the data for this boring (B-14) which was extended to ten feet below grade using a GeoProbe. The PID reading dropped from 125 ppm at 1' below grade to 8.5 ppm at 5' below grade and non-detect at 10' below grade. A soil sample was taken from 5' below grade and retained for laboratory investigation.

A second soil boring (B-15) was installed in the second drum storage area on the central west side of the building. This drum storage area contained 6" of water within the curbed containment dike and this was drained before the mat was cored for soil sampling. Boring Log B-15 in Appendix D presents the data for this boring which was extended to ten feet below grade using a hand auger. The soil was screened at 1' intervals using a PID and readings ranged from 278/335 ppm immediately below the concrete pad to 83 ppm at 4' to 0.6 ppm at 7'. A soil sample from 6.5' was retained for laboratory testing. The high readings immediately under the concrete mat could have been influenced by the high organic content in the "black to brown organic rich soil".

The samples were sent to a laboratory for analysis in accordance with EPA 8270 (STARS) semi-volatiles, EPA 8260 volatiles, mercury, PCBs EPA 8082 and Target Metals. The results are tabulated in the spreadsheets in Appendix.

2.3 Drywells

On July 5th, all (visible at grade) manholes located at the west side of the building were opened and physically examined to determine the characteristics of the structures. Drywells that incorporated influent or effluent piping were further examined with a pole mounted stabilized camera/locator. Through this means, it was determined that two additional drainage sub-surface structures were present along the west side of the building. These additional subsurface structures were located between DW-1 and DW-2 and north of DW-1. These new structures are labelled DW-7 and DW-8 on the updated site map in Appendix C. Drywell DW-7 and DW-8 were exposed using a backhoe. DW-7 was found to have an influent pipe leading from DW-2 and an effluent pipe leading to DW-1. DW-8 was found to have one 10" diameter pipe leading to DW-1. This information confirmed that the CAMCO drainage system was not connected into the airport storm drain system on the street immediately north of the CAMCO facility. This is a significant

change from the original site map in Appendix B which had indicated that the CAMCO site drainage system discharged to an airport storm sewer system under the roadway immediately north of the CAMCO facility.

On the east side of the building two solid cover leaching pools were confirmed and DW-6 was found to be the primary pool that received waste directly from the building. It contained an overflow pipe to allow overflow liquids to flow to DW-5, to the south. The site map in Appendix C has been revised to provide all of this additional information.

The table below summarizes the data for the concrete drywells examined:

Drywell #	Location	Dia (ft)	DTW (ft)	DTB (ft)	DTS (ft)	Sampled
DW-1	West Side	8	5	16	19	
DW-2	West Side	8	3	16	19	
DW-3	West Side	8	Dry	17	18	
C-1	West Side	8	7	17	19	
DW-4	West Side	8	Dry	17	19	yes
DW-5	East Side	8	Dry	14	20	yes
DW-6	East Side	8	Dry	15	16	yes
DW-7	West Side	8	Dry	15	16	yes
DW-8	West Side	8	Dry	12	13	yes

The samples were sent to a laboratory for analysis in accordance with EPA 8270 (STARS) semi-volatiles, EPA 8260 volatiles, mercury, PCBs EPA 8082 and Target Metals and the results are tabulated in the spreadsheets in Appendix .

2.4 Groundwater Sampling

A groundwater sampling probe was installed at the south west border of the property (B16) to determine groundwater quality at depths below the original vadose samples taken at B-4 and B-5 on October 24, 2006. Groundwater samples were obtained by driving a groundwater sampling screen to a depth of 80' below grade using a GeoProbe direct push rig. The temporary well was developed until it yielded clear water. Samples were collected at 80' below grade for submission to a laboratory. The sampling screen was then withdrawn to 70' below grade and the process was repeated, utilizing new polyethylene tubing. The sampling was then repeated at 60' and then attempted again at 50' which corresponded to the groundwater depth on October 24, 2006. No groundwater was found at 50', 53', 55' or 58'. This was attributed to a seasonal lowering of the water table. The collected samples were retained for submission to a laboratory.

The samples were sent to a laboratory for analysis in accordance with EPA 8270 (STARS) semi-volatiles, EPA 8260 volatiles, mercury, PCBs EPA 8082 and Target Metals and the results are tabulated in the spreadsheets in Appendix E.

LABORATORY DATA

3.1 Soil Borings

Soil samples from Borings B-14 and B-15 were analyzed as per § 2.2. The results of these laboratory analyses are contained in the spreadsheet in Appendix E.

3.2 Drywell Sampling Data

Soil samples from GeoPprobe borings at drywells DW-4 through DW-8 were analyzed as per § 2.3. The results of these laboratory analyses are contained in the spreadsheet in Appendix E.

3.3 Groundwater Sampling Data

Groundwater samples from borings B-16 (from depths of 60', 70' and 80') were analyzed as per § 2.4. The results of these laboratory analyses are contained in the spreadsheet in Appendix E.

Groundwater analytical results were compared to NYSDEC Groundwater Standards and soil analytical results were compared to NYS Recommended Soil Cleanup Objectives (NYSRSCO). In addition, the drywell analytical results were compared to SCDHS SOP No. 9-95 Pumpout and Soil Cleanup Criteria.

4.0 Discussion of Results

4.1 Soil Boring Results

Soil analytical results for the soil borings B-14 and B-15, under the two drum storage areas were compared to NYS Recommended Soil Cleanup Objectives (NYSRSCO).

Soil boring B14 (taken 6.5' below grade) exhibited no exceedences to the above standard. Soil boring B15 exhibited semi-volatiles that were within standards, but chromium exceeded the standard slightly (23.5 vs 10 ppm) and volatiles exceeded the standard (41,000 vs 7,900 ppb of 1,2 dichlorobenzene).

4.2 Drywell Sampling Results

All of the drywell samples were within SCDHS standards except for DW-6 which had a slight exceedence in mercury (3.34 ppm vs 2 ppm) and cadmium (13.8 vs 10 ppm).

4.3 Groundwater Sampling Results

Numerous semi-volatiles and volatiles exceeded groundwater standards at 60', 70' and 80' (16 parameters) with a 50% reduction in concentration levels between 60' and 80'. However, the concentrations at 80' still exceed the standards significantly.

On November 29 and 30 2006, three monitoring wells (#MW-1, MW-2 and MW-3) were installed and developed. MW-1 was located immediately adjacent to B7 and MW-2 was located immediately adjacent to B1. On December 3 the monitoring wells were surveyed to determine groundwater flow direction, and the data is provided on the airport mpa in Apprendix A. On December 7 monitoring wells MW1, MW2 and MW3 were sampled with the laboratory results indicating non-detect on all parameters. As indicated by the data in Appendix B, the lab results for MW1 and MW2 do not agree with the results of the Geoprobe groundwater samples B7 and B1. The GeoProbe samples indicated traces of methylene chloride, near the detection level, while the monitoring well samples were non-detect. Future repeat testing of these monitoring wells is required to confirm the presence of such low levels of methylene chloride.

4.4 Groundwater Flow Direction

In the previous round of field work in November and December 2006, three monitoring wells were installed upgradient of the CAMCO site and surveyed to provide groundwater flow which is provided on the site map in Appendix B.

4.5 Extent of the Plume

Based upon the laboratory data for the various organic contaminants found in the vadose zone groundwater during the preliminary site work conducted in November and December 2006, it was concluded that the downgradient edge of the plume was south of the CAMCO property, but within the airport property.

The deeper wells installed in this phase of the site investigation indicate that DNAPL contaminants are present below the vadose zone and that the areal extent of the CAMCO groundwater contaminant plume may vary with depth.

Therefore, the vertical and horizontal extent of the plume are not fully defined and additional investigation is required.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based upon the material discussed in Sections 3 and 4 herein the objectives of the Investigation Plan have been met and the following conclusions and recommendations are offered:

- The soil conditions at the exterior drum storage area in the northwest corner of the CAMCO building (B14) revealed "no exceedences" of NYSRSCO. It is recommended that no further work is necessary at this location.
- The soil conditions at the interior drum storage area located in the west central portion of the CAMCO building (B15) revealed two exceedences of NYSRSCO at a depth of 6.6'. Additional soil sampling is recommended at this location to define the areal and vertical extent of contaminants.
- The drywell investigation confirmed that the CAMCO drainage system was not connected into the airport drainage system as previously identified and therefore eliminated any off-site investigation with respect to storm water drainage / contaminant migration issues.
- The drywell investigation sampling for the five (5) drywells identified on the CAMCO property i.e. DW-4 thru DW-8, resulted in conformance to SCDHS standards except for one exceedance at DW-6 (3.34 ppm vs. 2 ppm for mercury). It is recommended that no further work is necessary at these locations.
- The vertical groundwater sampling performed at location B16 identified numerous semi-volatile and volatile exceedances of groundwater standards at sampling depths of 60', 70' and 80' below grade with groundwater at approximately 60'. The degree of contamination decreased significantly from the 60' depth to the 80' depth but also remained at concentrations exceeding groundwater standards. It is recommended that additional groundwater sampling be performed in both horizontal and vertical planes to delineate the degree of contamination.

APPENDIX A – SECTION 4.0 OF WORK PLAN

4.0 INVESTIGATION WORKPLAN

4.1 Introduction

The NYSDEC project manager will be given a minimum of one-week notice before fieldwork begins. The on-site NYSDEC representative(s) shall be offered split samples for all soil and groundwater samples obtained. The following sections provide the details of the scope of work.

4.2 Sampling Protocol

4.2.1 Sampling Equipment

All soil and groundwater samples will be collected in accordance with NYSDEC guidance document "Sampling Guidelines and Protocols: Technical Background and Quality Control / Quality Assurance for NYSDEC Spill Response Program".

Soil samples obtained from the dry wells/sanitary cesspools will be collected utilizing a stainless steel hand auger or direct push sampling devices. Soil samples will be field screened utilizing a Photoionization Detector (PID) to establish the depth at which an endpoint sample will be collected.

Groundwater samples will be collected utilizing direct push equipment and polyethylene tubing with a check valve.

4.2.2 Sampling Equipment Decontamination Procedure

Soil samples will be collected utilizing a stainless steel hand auger or direct push sampling device. In order to ensure that cross-contamination between sampling locations does not occur, each piece of sampling equipment will be decontaminated prior to each use. The following procedure is utilized in the decontamination process:

- Wipe clean and wash with Alconox®
- Potable water rinse
- Methanol rinse
- Deionized water rinse

- Air dry

All decontamination procedures will be performed in a segregated area from any sampling areas.

4.2.3 Quality Assurance /Quality Control Sampling

To maintain quality control and verify that contamination is not being introduced to samples in the field by improper field sampling techniques, Quality Assurance/Quality Control (QA/QC) samples will be collected. The QA/QC sampling will consist of the following:

- Field Blanks, one (1) per day
- Trip Blanks, one (1) per day

4.3 Drywell Investigation

4.3.1 Construction Details

The requested construction details, including the depth of each drainage structure, the amount of standing water in each structure and the type of drywell bottom will be observed and noted in the final report.

4.3.2 Location of Outfall

The project manager will confirm which drywells at the subject site are connected to the Town of Islip Airport storm water drainage system as depicted in Figure 4. This will be accomplished by review the construction diagrams where available, and supplemented by a "mark-out" or by a dye test. Upon verification of the final outfall location for the drywells, a direct push soil boring will be installed adjacent to the outfall to establish soil quality in the area of discharge. The procedures outlined in Section 4.4.1 will be used for this boring.

4.4 Cooling Water Cesspool Investigation

4.4.1 Investigation

The two cooling water drywells (DW-5 & DW-6 in Figure 4) will be characterized utilizing the same procedures that will be used for the other drywells on site. These structures will be sampled utilizing the sampling technique outlined in section 4.2.1. In addition to the collection of soil samples from the drywells, a soil boring will be installed adjacent to the drywell structure. These samples will be collected utilizing direct push sampling equipment. The soil sampler will be decontaminated following the completion of each soil boring.

The soil probes will be continuously sampled from the ground surface to at to a depth of five feet below the base of the drywell. If contamination is encountered above or below the base of the drywell, sampling will continue until two (2) consecutive clean samples are encountered. At least one sample will be collected at each interval exhibiting the greatest level of contamination based on field observations for laboratory analysis. A geologist will prepare soil probe logs. The soil probe log will include probe numbers; soil descriptions as per USGS Classification to determine site lithology; percent recovery for soil samples; date of boring; depth to water; soil moisture; method of drilling and equipment used; sample collection technique; PID readings; depth of soil sample collection (see Figure 4).

All samples collected will be containerized in laboratory issued glassware. All sampling techniques will conform to the NYSDEC guidance document "Sampling Guidelines and Protocols: Technical Background and Quality Control / Quality Assurance for NYSDEC Spill Response Program" as provided in section 4.2.1 of this work plan.

4.5 Drum Storage Area Investigation

4.5.1 Investigation

There are two drum storage areas identified. Based on historic usage of the drum storage areas and a potential for the presence of contamination in these areas, soil sampling will be performed. One soil sample will be obtained from beneath each of the drum storage areas. (See locations B14 & B15 in Figure 4) These samples will be obtained by utilizing a stainless steel hand auger and/or direct push sampling devices. All sampling techniques and decontamination procedures will conform to those previously outlined in section 4.2 of this work plan.

4.6 Groundwater Investigation

4.6.1 Groundwater Sample Collection

Additional groundwater sampling is required at the subject property. Previous investigation collected shallow groundwater samples. There is a concern that the presence of DNAPL contamination may be present at the site and therefor a groundwater profile will be performed. A new direct push boring (See B16 in Figure 4) will be installed adjacent to the previous boring B4.Ground water samples will be collected over 10 foot intervals starting at the water table (anticipated to be 50 feet) and continuing to a depth of 80 feet. All groundwater samples will be collected utilizing direct push technology. All work will be perform with the supervision of the project manager and will conform to all NYSDEC groundwater sampling protocol.

Prior to the collection of each groundwater samples, the polyethylene tubing will be purged of three to five well volumes. Each groundwater sample will be containerized within laboratory–issued glassware, placed in a cooler filled with ice and taken directly to a New York State Department of Health (NYSDOH) accredited laboratory, under proper chain-of-custody procedures, for analysis.

4.6.2 Soil Sample Collection

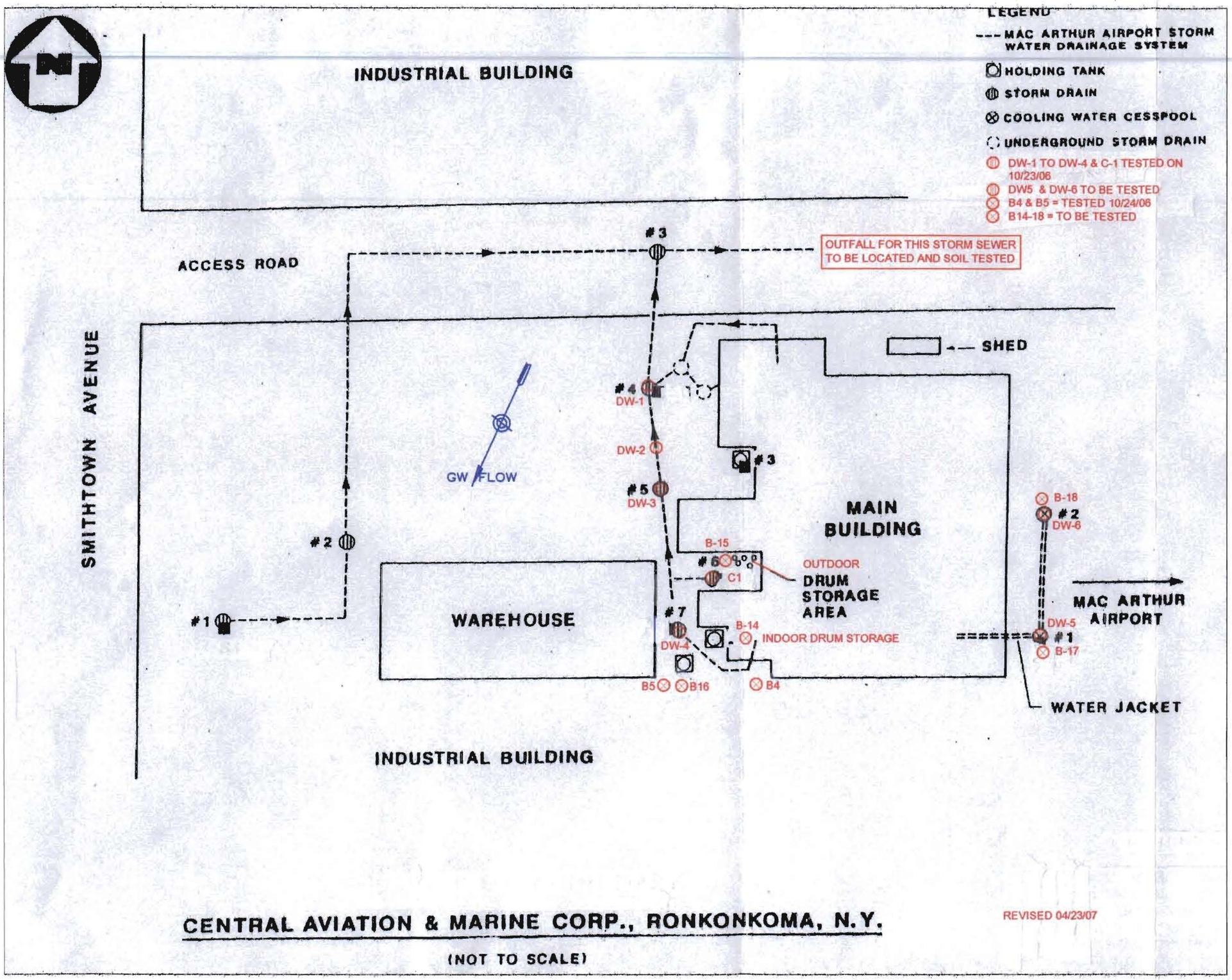
Each soil sample will be characterized on-site. Following the characterization, the soil sample will be placed into a zip-lock bag and screened for total organic vapors utilizing a Photoionization Device (PID). Following the completion of each soil boring, the location of the soil boring will be surveyed and placed onto the Site Plan. Aliquots different from that utilized for the head space analysis will be transferred to laboratory-issued glassware and appropriately labeled.

A minimum of one (1) soil sample from each boring location exhibiting the highest concentration of VOCs based on the PID or at the groundwater interface will be containerized within laboratory-issued glassware, placed in a cooler filled with ice, and taken directly to a New York State Department of Health (NYSDOH) accredited laboratory, under proper chain-of-custody procedures, for analysis.

4.6.3 Laboratory Analysis

The soil and groundwater samples will be analyzed for STARS Memo No.1 in accordance with United States Environmental Protection Agency (USEPA) Method 8260 plus Mercury, Method 8270 and TAL metals.

APPENDIX B – ORIGINAL CAMCO SITE PLAN



CENTRAL AVIATION & MARINE CORP., RONKONKOMA, N.Y.

(NOT TO SCALE)

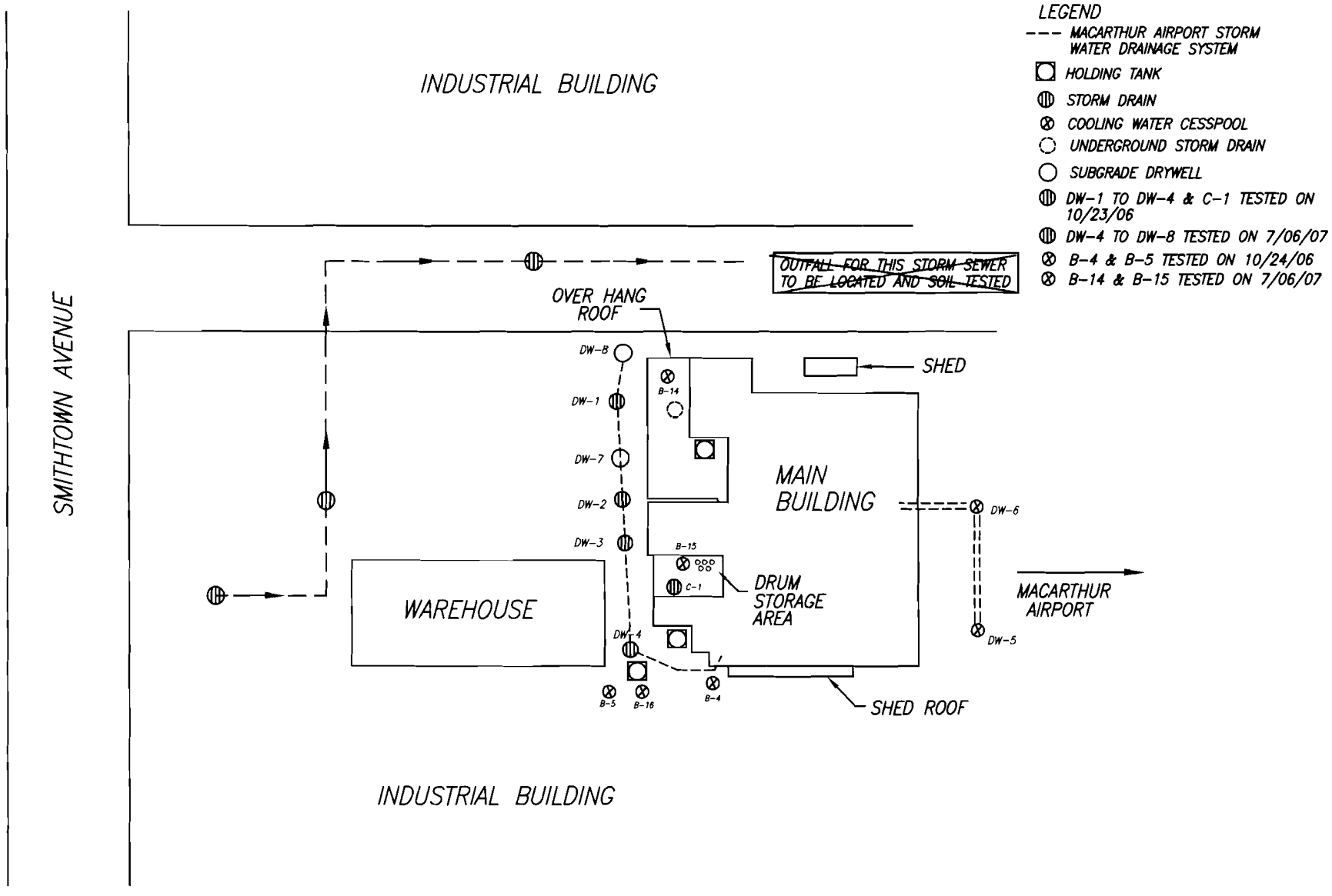
REVISED 04/23/07

FIGURE 4

SITE SAMPLING PLAN
MACARTHUR AIRPORT
RONKONKOMA, NY 11779

N. D. ERYOU, PhD, PE
Consulting Engineer
2500 AIRPORT ROAD S, # 210 NAPLES, FL 34112

APPENDIX C – UPDATED CAMCO SITE PLAN



Fenley & Nicol, Inc.
Professional Services Division
445 BROOK AVENUE, DEER PARK,
NEW YORK 11729 (631)586-4900

SITE INVESTIGATION PLAN

SCALE:	GEOLOGIST: B.M.	JOB #: 0704957
DATE: 7/23/07	DRAWN BY: J.F.	FILE NAME:SP-0704957

MACARTHUR AIRPORT
RONKONKOMA, NY 11779

APPENDIX D - SOIL BORING LOGS

Fenley & Nicol Environmental

Job Number 0704957

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445 Brook Avenue, Deer Park, N.Y. — Professional Services Division

SOIL BORING LOG

Project CAMCO — Date 7/6/07
Client Dennis Eryou — Permit No. NA
Location 2125 Smithtown Ave — Driller Kevin Kegel

Boring No. B-14
Drilling Method Direct Push — Sample Method Split Spoon
Total Depth 10' — Depth to Water N/A

USCS SYMBOLS

GW – Well graded Gravel	SW – Well graded Sand	ML – Inorganic Silt / Sandy Silt	CH – Inorganic Clay, High Plastic
GP – Poorly graded Gravel	SP – Poorly graded Sand	CL – Inorganic Clays / Sandy Clay	OH – Organic Silt / Clay
GM – Silty Gravel	SM – Silty Sand	OL – Organic Silts / Organic Silty Clay	PT – Peat / High Organics
GC – Clayey Gravel	SC – Clayey Sand	MH – Elastic Silts	

DEPTH BELOW GRADE (FT.)	PID READING (PPM)	SOIL DESCRIPTION / REMARKS	USCS
1	125	*0-6" Concrete floor – strong odor.*	
2			
3			
4		*2-5' Fine sand, tan to white, no odor.*	SM
5	8.5		
6			
7			
8		*5-10' White to tan, fine sand, no odor.*	SM
9			
10	0.0		

Fenley & Nicol Environmental

Job Number 0704957

Page 1 of 1

445 Brook Avenue, Deer Park, N.Y. — Professional Services Division

SOIL BORING LOG

Project CAMCO — Date 7/6/07

Client Dennis Eryou — Permit No. NA

Location 2125 Smithtown Ave — Driller Kevin Kegel

Boring No. B-15

Drilling Method Hand Auger — Sample Method Grab

Total Depth 7' — Depth to Water N/A

USCS SYMBOLS

GW – Well graded Gravel	SW – Well graded Sand	ML – Inorganic Silt / Sandy Silt	CH – Inorganic Clay, High Plastic
GP – Paorly graded Gravel	SP – Poorly graded Sand	CL – Inorganic Clays / Sandy Clay	OH – Organic Silt / Clay
GM – Silty Gravel	SM – Silty Sand	OL – Organic Silts / Organic Silty Clay	PT – Peat / High Organics
GC – Clayey Gravel	SC – Clayey Sand	MH – Elastic Silts	

DEPTH BELOW GRADE (FT.)	PID READING (PPM)	SOIL DESCRIPTION / REMARKS	USCS
1	278	*1–3' Black to brown organic rich soil. Strong odor.*	OL
2	335		
3	84	*3' Wood fiber and dark soil, strong odor.*	OL
4	78	*4' Tan to orange, fine silty sand.*	
5	25	*5' Tan to orange, fine silty sand.*	SM
6	25		
7	0.6	*7' Light tan to white. Mild odor.*	SM

APPENDIX E - LAB DATA SPREADSHEETS

American Analytical Laboratories, LLC.
WorkOrder: 0707060
Client: Fenley & Nicol Environmental
Project: 2125 Smithtown Ave.

Cas #:	Procedure:	Client Sample ID: / Laboratory ID: / Sampling Date: / Analyte:	Units:	B-16 GW [60'] 0707060-01 07/06/2007	Q	B-16 GW [70'] 0707060-02 07/06/2007	Q	B-16 GW [80'] 0707060-03 07/06/2007	Q	Trip Blank 0707060-04 07/06/2007	Q	Field Blank 0707060-05 07/06/2007	Q	DW-4 [23'] 0707060-06 07/06/2007	Q	DW-6 [20'] 0707060-07 07/06/2007	Q	DW-7 [15'] 0707060-08 07/06/2007	Q	DW-8 [16'] 0707060-09 07/06/2007	Q	DW-5 [13'] 0707060-10 07/06/2007	Q	B-14 [5'] 0707060-11 07/06/2007	Q	B-15 [7'] 0707060-12 07/06/2007	Q
7439-97-6	MERCURY	Mercury	PPM	0.000200	U	0.000200	U	0.000200	U			0.000200	U	0.00927	U	3.34		0.00931	U	0.00969		0.831		0.00941	U	0.00933	U
	PERCENT MOISTURE	Percent Moisture	wt%											4.54		9.41		5.78		3.53		9.16		1.58		4.31	
7440-38-2	SCDH METALS	Arsenic	PPM											0.492	U	0.541	U	0.598		1.23		0.495	U				
7440-41-7	SCDH METALS	Beryllium	PPM											0.394	U	0.433	U	0.383	U	0.378	U	0.396	U				
7440-43-9	SCDH METALS	Cadmium	PPM											0.608		13.8		0.636		1.29		5.21					
7440-47-3	SCDH METALS	Chromium	PPM											4.71		13.0		4.97		4.30		5.30					
7440-50-8	SCDH METALS	Copper	PPM											2.08		131		7.58		7.53		17.9					
7439-92-1	SCDH METALS	Lead	PPM											8.40		45.0		2.72		5.30		4.14					
7440-02-0	SCDH METALS	Nickel	PPM											0.856		7.02		0.975		1.96		0.956					
7440-22-4	SCDH METALS	Silver	PPM											0.394	U	1.12		0.383	U	0.379		0.596					
120-82-1	SEMIVOLATILE SW-846 METHOD 8270	1,2,4-Trichlorobenzene	PPB	1.9	J	7.1	U	7.1	U			5.1	U											120	U	120	U
95-50-1	SEMIVOLATILE SW-846 METHOD 8270	1,2-Dichlorobenzene	PPB	17		1.3	J	8.8				5.1	U											120	U	2500	
541-73-1	SEMIVOLATILE SW-846 METHOD 8270	1,3-Dichlorobenzene	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
106-46-7	SEMIVOLATILE SW-846 METHOD 8270	1,4-Dichlorobenzene	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
95-95-4	SEMIVOLATILE SW-846 METHOD 8270	2,4,5-Trichlorophenol	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
88-06-2	SEMIVOLATILE SW-846 METHOD 8270	2,4,6-Trichlorophenol	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
120-83-2	SEMIVOLATILE SW-846 METHOD 8270	2,4-Dichlorophenol	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
105-67-9	SEMIVOLATILE SW-846 METHOD 8270	2,4-Dimethylphenol	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
51-28-5	SEMIVOLATILE SW-846 METHOD 8270	2,4-Dinitrophenol	PPB	14	U	14	U	14	U			10	U											120	U	120	U
121-14-2	SEMIVOLATILE SW-846 METHOD 8270	2,4-Dinitrotoluene	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
606-20-2	SEMIVOLATILE SW-846 METHOD 8270	2,6-Dinitrotoluene	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
91-58-7	SEMIVOLATILE SW-846 METHOD 8270	2-Chloronaphthalene	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
95-57-8	SEMIVOLATILE SW-846 METHOD 8270	2-Chlorophenol	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
91-57-6	SEMIVOLATILE SW-846 METHOD 8270	2-Methylnaphthalene	PPB	6.2	J	7.1	U	4.1	J			5.1	U											120	U	120	U
95-48-7	SEMIVOLATILE SW-846 METHOD 8270	2-Methylphenol	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
88-74-4	SEMIVOLATILE SW-846 METHOD 8270	2-Nitroaniline	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
88-75-5	SEMIVOLATILE SW-846 METHOD 8270	2-Nitrophenol	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
91-94-1	SEMIVOLATILE SW-846 METHOD 8270	3,3´-Dichlorobenzidine	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
108-39-4/106-44	SEMIVOLATILE SW-846 METHOD 8270	3+4-Methylphenol	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
99-09-2	SEMIVOLATILE SW-846 METHOD 8270	3-Nitroaniline	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
534-52-1	SEMIVOLATILE SW-846 METHOD 8270	4,6-Dinitro-2-methylphenol	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
101-55-3	SEMIVOLATILE SW-846 METHOD 8270	4-Bromophenyl phenyl ether	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
59-50-7	SEMIVOLATILE SW-846 METHOD 8270	4-Chloro-3-methylphenol	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
106-47-8	SEMIVOLATILE SW-846 METHOD 8270	4-Chloroaniline	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
7005-72-3	SEMIVOLATILE SW-846 METHOD 8270	4-Chlorophenyl phenyl ether	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
100-01-6	SEMIVOLATILE SW-846 METHOD 8270	4-Nitroaniline	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
100-02-7	SEMIVOLATILE SW-846 METHOD 8270	4-Nitrophenol	PPB	7.1	U	7.1	U	7.1	U			5.1	U											150	U	160	U
83-32-9	SEMIVOLATILE SW-846 METHOD 8270	Acenaphthene	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
208-96-8	SEMIVOLATILE SW-846 METHOD 8270	Acenaphthylene	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
62-53-3	SEMIVOLATILE SW-846 METHOD 8270	Aniline	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
120-12-7	SEMIVOLATILE SW-846 METHOD 8270	Anthracene	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
103-33-3	SEMIVOLATILE SW-846 METHOD 8270	Azobenzene	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
92-87-5	SEMIVOLATILE SW-846 METHOD 8270	Benzidine	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
56-55-3	SEMIVOLATILE SW-846 METHOD 8270	Benzo(a)anthracene	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
50-32-8	SEMIVOLATILE SW-846 METHOD 8270	Benzo(a)pyrene	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
205-99-2	SEMIVOLATILE SW-846 METHOD 8270	Benzo(b)fluoranthene	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
191-24-2	SEMIVOLATILE SW-846 METHOD 8270	Benzo(g,h,i)perylene	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
207-08-9	SEMIVOLATILE SW-846 METHOD 8270	Benzo(k)fluoranthene	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
65-85-0	SEMIVOLATILE SW-846 METHOD 8270	Benzoic acid	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
100-51-6	SEMIVOLATILE SW-846 METHOD 8270	Benzyl alcohol	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
111-91-1	SEMIVOLATILE SW-846 METHOD 8270	Bis(2-chloroethoxy)methane	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
111-44-4	SEMIVOLATILE SW-846 METHOD 8270	Bis(2-chloroethyl)ether	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
108-60-1	SEMIVOLATILE SW-846 METHOD 8270	Bis(2-chloroisopropyl)ether	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
117-81-7	SEMIVOLATILE SW-846 METHOD 8270	Bis(2-ethylhexyl)phthalate	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	190	
85-68-7	SEMIVOLATILE SW-846 METHOD 8270	Butyl benzyl phthalate	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
86-74-8	SEMIVOLATILE SW-846 METHOD 8270	Carbazole	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U
218-01-9	SEMIVOLATILE SW-846 METHOD 8270	Chrysene	PPB	7.1	U	7.1	U	7.1	U			5.1	U											120	U	120	U

53-70-3	SEMIVOLATILE SW-846 METHOD 8270	Dibenzo(a,h)anthracene	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
132-64-9	SEMIVOLATILE SW-846 METHOD 8270	Dibenzofuran	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
84-66-2	SEMIVOLATILE SW-846 METHOD 8270	Diethyl phthalate	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
131-11-3	SEMIVOLATILE SW-846 METHOD 8270	Dimethyl phthalate	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
84-74-2	SEMIVOLATILE SW-846 METHOD 8270	Di-n-butyl phthalate	PPB	7.1 U	7.1 U	7.1 U	5.1 U							110 J	180	
117-84-0	SEMIVOLATILE SW-846 METHOD 8270	Di-n-octyl phthalate	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
206-44-0	SEMIVOLATILE SW-846 METHOD 8270	Fluoranthene	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
86-73-7	SEMIVOLATILE SW-846 METHOD 8270	Fluorene	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
118-74-1	SEMIVOLATILE SW-846 METHOD 8270	Hexachlorobenzene	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
87-68-3	SEMIVOLATILE SW-846 METHOD 8270	Hexachlorobutadiene	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
77-47-4	SEMIVOLATILE SW-846 METHOD 8270	Hexachlorocyclopentadiene	PPB	7.1 U	7.1 U	7.1 U	5.1 U							150 U	160 U	
67-72-1	SEMIVOLATILE SW-846 METHOD 8270	Hexachloroethane	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
193-39-5	SEMIVOLATILE SW-846 METHOD 8270	Indeno(1,2,3-c,d)pyrene	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
78-59-1	SEMIVOLATILE SW-846 METHOD 8270	Isophorone	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
91-20-3	SEMIVOLATILE SW-846 METHOD 8270	Naphthalene	PPB 10	52	4.3 J	27	5.1 U							120 U	120 U	
98-95-3	SEMIVOLATILE SW-846 METHOD 8270	Nitrobenzene	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
62-75-9	SEMIVOLATILE SW-846 METHOD 8270	N-Nitrosodimethylamine	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
621-64-7	SEMIVOLATILE SW-846 METHOD 8270	N-Nitrosodi-n-propylamine	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
86-30-6	SEMIVOLATILE SW-846 METHOD 8270	N-Nitrosodiphenylamine	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
87-86-5	SEMIVOLATILE SW-846 METHOD 8270	Pentachlorophenol	PPB	7.1 U	7.1 U	7.1 U	5.1 U							150 U	160 U	
85-01-8	SEMIVOLATILE SW-846 METHOD 8270	Phenanthrene	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
108-95-2	SEMIVOLATILE SW-846 METHOD 8270	Phenol	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
129-00-0	SEMIVOLATILE SW-846 METHOD 8270	Pyrene	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
110-86-1	SEMIVOLATILE SW-846 METHOD 8270	Pyridine	PPB	7.1 U	7.1 U	7.1 U	5.1 U							120 U	120 U	
83-32-9	SEMIVOLATILE SW-846 METHOD 8270 (PA	Acenaphthene	PPB					120 U	130 U	130 U	120 U	130 U				
208-96-8	SEMIVOLATILE SW-846 METHOD 8270 (PA	Acenaphthylene	PPB					120 U	130 U	130 U	120 U	130 U				
120-12-7	SEMIVOLATILE SW-846 METHOD 8270 (PA	Anthracene	PPB					120 U	130 U	130 U	120 U	130 U				
56-55-3	SEMIVOLATILE SW-846 METHOD 8270 (PA	Benzo(a)anthracene	PPB					120 U	130 U	130 U	120 U	130 U				
50-32-8	SEMIVOLATILE SW-846 METHOD 8270 (PA	Benzo(a)pyrene	PPB					120 U	130 U	130 U	120 U	130 U				
205-99-2	SEMIVOLATILE SW-846 METHOD 8270 (PA	Benzo(b)fluoranthene	PPB					120 U	130 U	130 U	120 U	130 U				
191-24-2	SEMIVOLATILE SW-846 METHOD 8270 (PA	Benzo(g,h,i)perylene	PPB					120 U	130 U	130 U	120 U	130 U				
207-08-9	SEMIVOLATILE SW-846 METHOD 8270 (PA	Benzo(k)fluoranthene	PPB					120 U	130 U	130 U	120 U	130 U				
218-01-9	SEMIVOLATILE SW-846 METHOD 8270 (PA	Chrysene	PPB					120 U	130 U	130 U	120 U	130 U				
53-70-3	SEMIVOLATILE SW-846 METHOD 8270 (PA	Dibenzo(a,h)anthracene	PPB					120 U	130 U	130 U	120 U	130 U				
206-44-0	SEMIVOLATILE SW-846 METHOD 8270 (PA	Fluoranthene	PPB					120 U	130 U	130 U	120 U	130 U				
86-73-7	SEMIVOLATILE SW-846 METHOD 8270 (PA	Fluorene	PPB					120 U	130 U	130 U	120 U	130 U				
193-39-5	SEMIVOLATILE SW-846 METHOD 8270 (PA	Indeno(1,2,3-c,d)pyrene	PPB					120 U	130 U	130 U	120 U	130 U				
85-01-8	SEMIVOLATILE SW-846 METHOD 8270 (PA	Phenanthrene	PPB					120 U	130 U	130 U	120 U	130 U				
129-00-0	SEMIVOLATILE SW-846 METHOD 8270 (PA	Pyrene	PPB					120 U	130 U	130 U	120 U	130 U				
7429-90-5	TARGET ANALYTE LIST METALS	Aluminum	PPM	0.215	0.0359	0.0431	0.0852							899	936	
7440-36-0	TARGET ANALYTE LIST METALS	Antimony	PPM	0.0250 U	0.0250 U	0.0250 U	0.0250 U							0.485 U	0.491 U	
7440-38-2	TARGET ANALYTE LIST METALS	Arsenic	PPM	0.0250 U	0.0250 U	0.0250 U	0.0250 U							0.685	0.555	
7440-39-3	TARGET ANALYTE LIST METALS	Barium	PPM	0.0593	0.0200 U	0.0200 U	0.164							1.64	1.72	
7440-41-7	TARGET ANALYTE LIST METALS	Beryllium	PPM	0.0200 U	0.0200 U	0.0200 U	0.0200 U							0.388 U	0.393 U	
7440-43-9	TARGET ANALYTE LIST METALS	Cadmium	PPM	0.0100 U	0.0100 U	0.0100 U	0.0100 U							2.04	2.91	
7440-70-2	TARGET ANALYTE LIST METALS	Calcium	PPM	12.8	14.0	9.17	8.95							103	321	
7440-47-3	TARGET ANALYTE LIST METALS	Chromium	PPM	0.00861 J	0.0124 J	0.0200 U	0.0200 U							4.26	23.5	
7440-48-4	TARGET ANALYTE LIST METALS	Cobalt	PPM	0.0200 U	0.0200 U	0.0200 U	0.0200 U							0.388 U	0.393 U	
7440-50-8	TARGET ANALYTE LIST METALS	Copper	PPM	0.0173 J	0.00708 J	0.00535 J	0.159							3.91	4.57	
7439-89-6	TARGET ANALYTE LIST METALS	Iron	PPM	26.6	7.50	8.21	0.427							1780	1700	
7439-92-1	TARGET ANALYTE LIST METALS	Lead	PPM	0.00769 J	0.00416 J	0.0150 U	0.0150 U							13.5	7.82	
7439-95-4	TARGET ANALYTE LIST METALS	Magnesium	PPM	3.05	3.20	3.35	0.853							171	150	
7439-96-5	TARGET ANALYTE LIST METALS	Manganese	PPM	1.30	0.495	0.769	0.0187 J							19.2	13.3	
7440-02-0	TARGET ANALYTE LIST METALS	Nickel	PPM	0.0101 J	0.0476	0.0312	0.00730 J							2.01	1.74	
7440-09-7	TARGET ANALYTE LIST METALS	Potassium	PPM	4.80	3.60	1.86	0.803							126	102	
7782-49-2	TARGET ANALYTE LIST METALS	Selenium	PPM	0.0250 U	0.0250 U	0.0250 U	0.0250 U							0.485 U	0.491 U	
7440-22-4	TARGET ANALYTE LIST METALS	Silver	PPM	0.0200 U	0.0200 U	0.0200 U	0.0200 U							0.388 U	0.393 U	
7440-23-5	TARGET ANALYTE LIST METALS	Sodium	PPM	48.6	42.1	9.18	116							61.4	39.2	
7440-28-0	TARGET ANALYTE LIST METALS	Thallium	PPM	0.0150 U	0.0150 U	0.0150 U	0.0150 U							0.388 U	0.393 U	
7440-62-2	TARGET ANALYTE LIST METALS	Vanadium	PPM	0.0200 U	0.0200 U	0.0200 U	0.0200 U							2.44	3.04	
7440-66-6	TARGET ANALYTE LIST METALS	Zinc	PPM	0.102	0.114	0.0428	0.148							7.25	7.94	
	TPH 8015 DIESEL RANGE ORGANICS	Total DRO TPH	PPM					68 U	94 U	91 U	97 U	49 J				
630-20-6	VOLATILE SW-846 METHOD 8260	1,1,1,2-Tetrachloroethane	PPB	1.0 U	1.0 U	1.0 U	1.0 U 1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U		5.5 U	650 U	
71-55-6	VOLATILE SW-846 METHOD 8260	1,1,1-Trichloroethane	PPB	1.0 U	1.2	1.0 U	1.0 U 1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U		5.5 U	650 U	
79-34-5	VOLATILE SW-846 METHOD 8260	1,1,2,2-Tetrachloroethane	PPB	1.0 U	1.0 U	1.0 U	1.0 U 1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U		5.5 U	650 U	

76-13-1	VOLATILE SW-846 METHOD 8260	1,1,2-Trichloro-1,2,2-trifluoroethane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
79-00-5	VOLATILE SW-846 METHOD 8260	1,1,2-Trichloroethane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
75-34-3	VOLATILE SW-846 METHOD 8260	1,1-Dichloroethane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
75-35-4	VOLATILE SW-846 METHOD 8260	1,1-Dichloroethene	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
563-58-6	VOLATILE SW-846 METHOD 8260	1,1-Dichloropropene	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
87-61-6	VOLATILE SW-846 METHOD 8260	1,2,3-Trichlorobenzene	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
96-18-4	VOLATILE SW-846 METHOD 8260	1,2,3-Trichloropropane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
95-93-2	VOLATILE SW-846 METHOD 8260	1,2,4,5-Tetramethylbenzene	PPB	450	38	200	1.0 U	1.0 U	6.1 U	24	6.3 U	6.2 U	5.3 U	5.5 U	650 U
120-82-1	VOLATILE SW-846 METHOD 8260	1,2,4-Trichlorobenzene	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
95-63-6	VOLATILE SW-846 METHOD 8260	1,2,4-Trimethylbenzene	PPB	850	160	380	1.0 U	1.0 U	4.0 J	6.5	2.9 J	2.5 J	2.3 J	3.5 J	210 J
96-12-8	VOLATILE SW-846 METHOD 8260	1,2-Dibromo-3-chloropropane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
106-93-4	VOLATILE SW-846 METHOD 8260	1,2-Dibromoethane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
95-50-1	VOLATILE SW-846 METHOD 8260	1,2-Dichlorobenzene	PPB	23	2.9	7.0	1.0 U	1.0 U	6.1 U	30	32	15	33	5.7	41000
107-06-2	VOLATILE SW-846 METHOD 8260	1,2-Dichloroethane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
78-87-5	VOLATILE SW-846 METHOD 8260	1,2-Dichloropropane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
108-67-8	VOLATILE SW-846 METHOD 8260	1,3,5-Trimethylbenzene	PPB	400	76	210	1.0 U	1.0 U	6.1 U	2.4 J	6.3 U	2.5 J	5.3 U	1.2 J	650 U
541-73-1	VOLATILE SW-846 METHOD 8260	1,3-Dichlorobenzene	PPB	4.3	1.0 U	0.92 J	1.0 U	1.0 U	6.1 U	23	6.3 U	6.2 U	5.3 U	5.5 U	650 U
142-28-9	VOLATILE SW-846 METHOD 8260	1,3-dichloropropane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
106-46-7	VOLATILE SW-846 METHOD 8260	1,4-Dichlorobenzene	PPB	5.9	1.0 U	1.8	1.0 U	1.0 U	6.1 U	25	3.7 J	2.0 J	5.4	0.75 J	5900
590-20-7	VOLATILE SW-846 METHOD 8260	2,2-Dichloropropane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
78-93-3	VOLATILE SW-846 METHOD 8260	2-Butanone	PPB	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
110-75-8	VOLATILE SW-846 METHOD 8260	2-Chloroethyl vinyl ether	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
95-49-8	VOLATILE SW-846 METHOD 8260	2-Chlorotoluene	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
591-78-6	VOLATILE SW-846 METHOD 8260	2-Hexanone	PPB	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
67-63-0	VOLATILE SW-846 METHOD 8260	2-Propanol	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	61 U	56 U	63 U	62 U	53 U	55 U	6500 U
106-43-4	VOLATILE SW-846 METHOD 8260	4-Chlorotoluene	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
99-87-6	VOLATILE SW-846 METHOD 8260	4-Isopropyltoluene	PPB	180	38	92	1.0 U	1.0 U	6.1 U	1.0 J	6.3 U	6.2 U	5.3 U	0.81 J	650 U
108-10-1	VOLATILE SW-846 METHOD 8260	4-Methyl-2-pentanone	PPB	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
67-64-1	VOLATILE SW-846 METHOD 8260	Acetone	PPB	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
107-02-8	VOLATILE SW-846 METHOD 8260	Acrolein	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	31 U	28 U	32 U	31 U	26 U	27 U	3300 U
107-13-1	VOLATILE SW-846 METHOD 8260	Acrylonitrile	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
71-43-2	VOLATILE SW-846 METHOD 8260	Benzene	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
108-86-1	VOLATILE SW-846 METHOD 8260	Bromobenzene	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
74-97-5	VOLATILE SW-846 METHOD 8260	Bromochloromethane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
75-27-4	VOLATILE SW-846 METHOD 8260	Bromodichloromethane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
75-25-2	VOLATILE SW-846 METHOD 8260	Bromoform	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
74-83-9	VOLATILE SW-846 METHOD 8260	Bromomethane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
75-15-0	VOLATILE SW-846 METHOD 8260	Carbon disulfide	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
56-23-5	VOLATILE SW-846 METHOD 8260	Carbon tetrachloride	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
108-90-7	VOLATILE SW-846 METHOD 8260	Chlorobenzene	PPB	27	1.0 U	1.1	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
75-45-6	VOLATILE SW-846 METHOD 8260	Chlorodifluoromethane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
75-00-3	VOLATILE SW-846 METHOD 8260	Chloroethane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
67-66-3	VOLATILE SW-846 METHOD 8260	Chloroform	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
74-87-3	VOLATILE SW-846 METHOD 8260	Chloromethane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
156-59-2	VOLATILE SW-846 METHOD 8260	cis-1,2-Dichloroethene	PPB	19	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
10061-01-5	VOLATILE SW-846 METHOD 8260	cis-1,3-Dichloropropene	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
124-48-1	VOLATILE SW-846 METHOD 8260	Dibromochloromethane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
74-95-3	VOLATILE SW-846 METHOD 8260	Dibromomethane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
75-71-8	VOLATILE SW-846 METHOD 8260	Dichlorodifluoromethane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
108-20-3	VOLATILE SW-846 METHOD 8260	Diisopropyl ether	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
64-17-5	VOLATILE SW-846 METHOD 8260	Ethanol	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	31 U	28 U	32 U	31 U	26 U	27 U	3300 U
141-78-6	VOLATILE SW-846 METHOD 8260	Ethyl acetate	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
100-41-4	VOLATILE SW-846 METHOD 8260	Ethylbenzene	PPB	15	1.8	5.4	1.0 U	1.0 U	6.1 U	2.3 J	6.3 U	6.2 U	5.3 U	5.5 U	650 U
76-14-2	VOLATILE SW-846 METHOD 8260	Freon-114	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
87-68-3	VOLATILE SW-846 METHOD 8260	Hexachlorobutadiene	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
108-21-4	VOLATILE SW-846 METHOD 8260	Isopropyl acetate	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
98-82-8	VOLATILE SW-846 METHOD 8260	Isopropylbenzene	PPB	42	6.0	17	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
1330-20-7	VOLATILE SW-846 METHOD 8260	m,p-Xylene	PPB	75	8.8	31	2.0 U	2.0 U	12 U	12	1.5 J	2.4 J	4.9 J	1.3 J	140 J
1634-04-4	VOLATILE SW-846 METHOD 8260	Methyl tert-butyl ether	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
75-09-2	VOLATILE SW-846 METHOD 8260	Methylene chloride	PPB	16 B	17 B	17 B	30 B	9.0 B	19 B	26 B	21 B	22 B	18 B	21 B	2400
	VOLATILE SW-846 METHOD 8260	n-Amyl acetate	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
91-20-3	VOLATILE SW-846 METHOD 8260	Naphthalene	PPB	98	15	24	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
123-86-4	VOLATILE SW-846 METHOD 8260	n-Butyl acetate	PPB	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
104-51-8	VOLATILE SW-846 METHOD 8260	n-Butylbenzene	PPB	51	9.5	23	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
109-60-4	VOLATILE SW-846 METHOD 8260	n-Propyl acetate	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U

103-65-1	VOLATILE SW-846 METHOD 8260	n-Propylbenzene	PPB	110	20	54	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
95-47-6	VOLATILE SW-846 METHOD 8260	o-Xylene	PPB	41	5.6	15	1.0 U	1.0 U	6.1 U	5.9	6.3 U	1.2 J	2.4 J	0.73 J	650 U
105-05-5	VOLATILE SW-846 METHOD 8260	p-Diethylbenzene	PPB	290	68	150	1.0 U	1.0 U	1.4 J	8.8	6.3 U	6.2 U	5.3 U	1.7 J	180 J
622-96-8	VOLATILE SW-846 METHOD 8260	p-Ethyltoluene	PPB	42	53	17	1.0 U	1.0 U	6.1 U	5.6 U	1.5 J	6.2 U	5.3 U	1.7 J	650 U
135-98-8	VOLATILE SW-846 METHOD 8260	sec-Butylbenzene	PPB	64	14	34	1.0 U	1.0 U	2.6 J	1.5 J	1.9 J	6.2 U	5.3 U	5.5 U	650 U
100-42-5	VOLATILE SW-846 METHOD 8260	Styrene	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
75-65-0	VOLATILE SW-846 METHOD 8260	t-Butyl alcohol	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
98-06-6	VOLATILE SW-846 METHOD 8260	tert-Butylbenzene	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
127-18-4	VOLATILE SW-846 METHOD 8260	Tetrachloroethene	PPB	4.6	1.0 U	1.1	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
108-88-3	VOLATILE SW-846 METHOD 8260	Toluene	PPB	1.2	1.0 U	0.54 J	1.0 U	1.0 U	0.96 J	9.6	6.3 U	6.2 U	4.1 J	0.95 J	650 U
156-60-5	VOLATILE SW-846 METHOD 8260	trans-1,2-Dichloroethene	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
10061-02-6	VOLATILE SW-846 METHOD 8260	trans-1,3-Dichloropropene	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
79-01-6	VOLATILE SW-846 METHOD 8260	Trichloroethene	PPB	0.76 J	1.3	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
75-69-4	VOLATILE SW-846 METHOD 8260	Trichlorofluoromethane	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
108-05-4	VOLATILE SW-846 METHOD 8260	Vinyl acetate	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U
75-01-4	VOLATILE SW-846 METHOD 8260	Vinyl chloride	PPB	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.1 U	5.6 U	6.3 U	6.2 U	5.3 U	5.5 U	650 U