

## **ANALYTICAL RESULTS SUMMARY**

VOLATILE ORGANICS

**PROJECT NAME : NAVFAC NWIRP BETHPAGE, NY SITE 1 OU-2 - 32258**

**AECOM TECHNICAL SERVICES, INC.**

**13640 Briarwick Drive**

**Austin, TX - 78729**

**Phone No: 512-454-4797**

**ORDER ID : Q3128**

**ATTENTION : Eleanor Vivadou**



**Laboratory Certification ID # 20012**



|                                   |     |
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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

| NYSDEC Sample<br>ID/Code | Laboratory Sample<br>ID/Code | VOA GC/MS<br>(Method #) | BNA GC/MS<br>(Method #) | VOA GC<br>(Method #) | Pest PCBs<br>(Method #) | Metals<br>(Method #) | Other<br>(Method #) |
|--------------------------|------------------------------|-------------------------|-------------------------|----------------------|-------------------------|----------------------|---------------------|
| BPOW6-1-20250916         | Q3128-01                     | 8260-Low                |                         |                      |                         |                      |                     |
| BPOW6-4-20250916         | Q3128-04                     | 8260-Low                |                         |                      |                         |                      |                     |
| BPOW6-9-20250916         | Q3128-05                     | 8260-Low                |                         |                      |                         |                      |                     |
| BPOW6-3-20250916         | Q3128-06                     | 8260-Low                |                         |                      |                         |                      |                     |
| BPOW6-2-20250916         | Q3128-07                     | 8260-Low                |                         |                      |                         |                      |                     |
| BPOW6-10-20250916        | Q3128-08                     | 8260-Low                |                         |                      |                         |                      |                     |
| BPOW6-11-20250916        | Q3128-09                     | 8260-Low                |                         |                      |                         |                      |                     |
| BPOW6-8-20250916         | Q3128-10                     | 8260-Low                |                         |                      |                         |                      |                     |
| BPOW6-7-20250917         | Q3128-11                     | 8260-Low                |                         |                      |                         |                      |                     |
| BPOW6-6-20250917         | Q3128-12                     | 8260-Low                |                         |                      |                         |                      |                     |
| BPOW6-5-20250917         | Q3128-13                     | 8260-Low                |                         |                      |                         |                      |                     |
| TB07-20250912            | Q3128-14                     | 8260-Low                |                         |                      |                         |                      |                     |

## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## FORM S-IIb

## SAMPLE PREPARATION AND ANALYSIS SUMMARY VOLATILE (VOA) ANALYSES

| Laboratory Sample ID | Matrix | Date Collected | Date Rec'd at Lab | Date Extracted | Date Analyzed |
|----------------------|--------|----------------|-------------------|----------------|---------------|
| Q3128-01             | Water  | 09/16/25       | 09/17/25          |                | 09/26/25      |
| Q3128-04             | Water  | 09/16/25       | 09/17/25          |                | 09/26/25      |
| Q3128-05             | Water  | 09/16/25       | 09/17/25          |                | 09/26/25      |
| Q3128-06             | Water  | 09/16/25       | 09/17/25          |                | 09/26/25      |
| Q3128-07             | Water  | 09/16/25       | 09/17/25          |                | 09/25/25      |
| Q3128-08             | Water  | 09/16/25       | 09/17/25          |                | 09/25/25      |
| Q3128-09             | Water  | 09/16/25       | 09/17/25          |                | 09/25/25      |
| Q3128-10             | Water  | 09/16/25       | 09/17/25          |                | 09/25/25      |
| Q3128-11             | Water  | 09/17/25       | 09/17/25          |                | 09/25/25      |
| Q3128-12             | Water  | 09/17/25       | 09/17/25          |                | 09/25/25      |
| Q3128-13             | Water  | 09/17/25       | 09/17/25          |                | 09/25/25      |
| Q3128-14             | Water  | 09/12/25       | 09/17/25          |                | 09/26/25      |

\* Details For Test : VOCMS Group1

## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## FORM S-III

## SAMPLE PREPARATION AND ANALYSIS SUMMARY MISCELLANEOUS ORGANIC ANALYSES

| Laboratory Sample ID | Matrix | Analytical Protocol | Extraction Method | Auxiliary Cleanup | Dil/Conc Factor |
|----------------------|--------|---------------------|-------------------|-------------------|-----------------|
| Q3128-01             | Water  | 8260-Low            | 5030              |                   |                 |
| Q3128-02             | Water  | 8260-Low            | 5030              |                   |                 |
| Q3128-03             | Water  | 8260-Low            | 5030              |                   |                 |
| Q3128-04             | Water  | 8260-Low            | 5030              |                   |                 |
| Q3128-05             | Water  | 8260-Low            | 5030              |                   |                 |
| Q3128-06             | Water  | 8260-Low            | 5030              |                   |                 |
| Q3128-07             | Water  | 8260-Low            | 5030              |                   |                 |
| Q3128-08             | Water  | 8260-Low            | 5030              |                   |                 |
| Q3128-09             | Water  | 8260-Low            | 5030              |                   |                 |
| Q3128-10             | Water  | 8260-Low            | 5030              |                   |                 |
| Q3128-11             | Water  | 8260-Low            | 5030              |                   |                 |
| Q3128-12             | Water  | 8260-Low            | 5030              |                   |                 |
| Q3128-13             | Water  | 8260-Low            | 5030              |                   |                 |
| Q3128-14             | Water  | 8260-Low            | 5030              |                   |                 |

## Cover Page

**Order ID :** Q3128

**Project ID :** NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258

**Client :** AECOM Technical Services, Inc.

### Lab Sample Number

Q3128-01  
Q3128-02  
Q3128-03  
Q3128-04  
Q3128-05  
Q3128-06  
Q3128-07  
Q3128-08  
Q3128-09  
Q3128-10  
Q3128-11  
Q3128-12  
Q3128-13  
Q3128-14

### Client Sample Number

BPOW6-1-20250916  
BPOW6-1-20250916MS  
BPOW6-1-20250916MSD  
BPOW6-4-20250916  
BPOW6-9-20250916  
BPOW6-3-20250916  
BPOW6-2-20250916  
BPOW6-10-20250916  
BPOW6-11-20250916  
BPOW6-8-20250916  
BPOW6-7-20250917  
BPOW6-6-20250917  
BPOW6-5-20250917  
TB07-20250912

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : \_\_\_\_\_

Date: 9/29/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## **CASE NARRATIVE**

**AECOM Technical Services, Inc.**

**Project Name: NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258**

**Project # N/A**

**Order ID # Q3128**

**Test Name: VOCMS Group1**

### **A. Number of Samples and Date of Receipt:**

14 Water samples were received on 09/17/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: VOCMS Group1. This data package contains results for VOCMS Group1.

### **C. Analytical Techniques:**

The analysis performed on instrument MSVOA\_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOCMS Group1 was based on method 8260D.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration File ID VX047795.D met the requirements except for Dichlorodifluoromethane and Methyl Acetate failing high but no positive hit in associated samples therefore no corrective action taken.

The Continuous Calibration File ID VX047825.D met the requirements except for Methyl Acetate failing high but no positive hit in associated samples therefore no corrective action taken.

The Tuning criteria met requirements.

### **E. Additional Comments:**

The not QT review data is reported in the Miscellaneous.



284 Sheffield Street, Mountainside, NJ 07092  
Phone: 908 789 8900 Fax: 908 789 8922

**F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

---

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_

## DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Value     | If the result is a value greater than or equal to the detection limit, report the value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>U</b>  | Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.                                                                                                                                                                                                                                                                                      |
| <b>ND</b> | Indicates the analyte was analyzed for, but not detected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>J</b>  | Indicates an estimated value. This flag is used: <ul style="list-style-type: none"> <li>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)</li> <li>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.</li> </ul> |
| <b>B</b>  | Indicates the analyte was found in the blank as well as the sample report as “12 B”.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>E</b>  | Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>D</b>  | This flag identifies all compounds identified in an analysis at a secondary dilution factor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>P</b>  | This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.                                                                                                                                                                                                                                                                                                                                                                             |
| <b>N</b>  | This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.                                                                                                                                                                                                                                                                       |
| <b>A</b>  | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Q</b>  | Indicates the LCS did not meet the control limits requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q3128

Completed

For thorough review, the report must have the following:

#### GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

#### COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

#### CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 09/29/2025

## LAB CHRONICLE

|                 |                                |                   |                                               |
|-----------------|--------------------------------|-------------------|-----------------------------------------------|
| <b>OrderID:</b> | Q3128                          | <b>OrderDate:</b> | 9/17/2025 1:13:00 PM                          |
| <b>Client:</b>  | AECOM Technical Services, Inc. | <b>Project:</b>   | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |
| <b>Contact:</b> | Eleanor Vivadou                | <b>Location:</b>  | VOA Ref. #3 Water                             |

| LabID           | ClientID                 | Matrix       | Test         | Method   | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|--------------------------|--------------|--------------|----------|-----------------|-----------|-----------|-----------------|
| <b>Q3128-01</b> | <b>BPOW6-1-20250916</b>  | <b>Water</b> | VOCMS Group1 | 8260-Low | <b>09/16/25</b> |           | 09/26/25  | <b>09/17/25</b> |
| <b>Q3128-04</b> | <b>BPOW6-4-20250916</b>  | <b>Water</b> | VOCMS Group1 | 8260-Low | <b>09/16/25</b> |           | 09/26/25  | <b>09/17/25</b> |
| <b>Q3128-05</b> | <b>BPOW6-9-20250916</b>  | <b>Water</b> | VOCMS Group1 | 8260-Low | <b>09/16/25</b> |           | 09/26/25  | <b>09/17/25</b> |
| <b>Q3128-06</b> | <b>BPOW6-3-20250916</b>  | <b>Water</b> | VOCMS Group1 | 8260-Low | <b>09/16/25</b> |           | 09/26/25  | <b>09/17/25</b> |
| <b>Q3128-07</b> | <b>BPOW6-2-20250916</b>  | <b>Water</b> | VOCMS Group1 | 8260-Low | <b>09/16/25</b> |           | 09/25/25  | <b>09/17/25</b> |
| <b>Q3128-08</b> | <b>BPOW6-10-20250916</b> | <b>Water</b> | VOCMS Group1 | 8260-Low | <b>09/16/25</b> |           | 09/25/25  | <b>09/17/25</b> |
| <b>Q3128-09</b> | <b>BPOW6-11-20250916</b> | <b>Water</b> | VOCMS Group1 | 8260-Low | <b>09/16/25</b> |           | 09/25/25  | <b>09/17/25</b> |
| <b>Q3128-10</b> | <b>BPOW6-8-20250916</b>  | <b>Water</b> | VOCMS Group1 | 8260-Low | <b>09/16/25</b> |           | 09/25/25  | <b>09/17/25</b> |
| <b>Q3128-11</b> | <b>BPOW6-7-20250917</b>  | <b>Water</b> | VOCMS Group1 | 8260-Low | <b>09/17/25</b> |           | 09/25/25  | <b>09/17/25</b> |
| <b>Q3128-12</b> | <b>BPOW6-6-20250917</b>  | <b>Water</b> | VOCMS Group1 | 8260-Low | <b>09/17/25</b> |           | 09/25/25  | <b>09/17/25</b> |
| <b>Q3128-13</b> | <b>BPOW6-5-20250917</b>  | <b>Water</b> | VOCMS Group1 | 8260-Low | <b>09/17/25</b> |           | 09/25/25  | <b>09/17/25</b> |
| <b>Q3128-14</b> | <b>TB07-20250912</b>     | <b>Water</b> |              |          | <b>09/12/25</b> |           |           | <b>09/17/25</b> |

## LAB CHRONICLE

VOCMS Group1

8260-Low

09/26/25

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q3128  
**Client:** AECOM Technical Services, Inc.

| Sample ID         | Client ID               | Matrix | Parameter                   | Concentration | C | MDL   | LOD  | RDL  | Units |
|-------------------|-------------------------|--------|-----------------------------|---------------|---|-------|------|------|-------|
| <b>Client ID:</b> | <b>BPOW6-1-20250916</b> |        |                             |               |   |       |      |      |       |
| Q3128-01          | BPOW6-1-2025091         | Water  | Acetone                     | 1.90          | J | 1.50  | 3.80 | 5.00 | ug/L  |
|                   |                         |        | <b>Total Voc :</b>          | 1.90          |   |       |      |      |       |
|                   |                         |        | <b>Total Concentration:</b> | 1.90          |   |       |      |      |       |
| <b>Client ID:</b> | <b>BPOW6-9-20250916</b> |        |                             |               |   |       |      |      |       |
| Q3128-05          | BPOW6-9-2025091         | Water  | Acetone                     | 2.00          | J | 1.50  | 3.80 | 5.00 | ug/L  |
| Q3128-05          | BPOW6-9-2025091         | Water  | Trichloroethene             | 0.29          | J | 0.090 | 0.75 | 1.00 | ug/L  |
|                   |                         |        | <b>Total Voc :</b>          | 2.29          |   |       |      |      |       |
|                   |                         |        | <b>Total Concentration:</b> | 2.29          |   |       |      |      |       |
| <b>Client ID:</b> | <b>BPOW6-3-20250916</b> |        |                             |               |   |       |      |      |       |
| Q3128-06          | BPOW6-3-2025091         | Water  | Acetone                     | 1.60          | J | 1.50  | 3.80 | 5.00 | ug/L  |
|                   |                         |        | <b>Total Voc :</b>          | 1.60          |   |       |      |      |       |
|                   |                         |        | <b>Total Concentration:</b> | 1.60          |   |       |      |      |       |
| <b>Client ID:</b> | <b>BPOW6-6-20250917</b> |        |                             |               |   |       |      |      |       |
| Q3128-12          | BPOW6-6-2025091         | Water  | m/p-Xylenes                 | 0.33          | J | 0.24  | 1.00 | 2.00 | ug/L  |
| Q3128-12          | BPOW6-6-2025091         | Water  | o-Xylene                    | 0.25          | J | 0.12  | 0.50 | 1.00 | ug/L  |
|                   |                         |        | <b>Total Voc :</b>          | 0.58          |   |       |      |      |       |
|                   |                         |        | <b>Total Concentration:</b> | 0.58          |   |       |      |      |       |



# SAMPLE DATA

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-1-20250916                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-01                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047843.D        | 1         | 09/26/25 08:25 | VX092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 1.90  | J         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                               |        |      |                 |              |    |  |
|--------------------|-----------------------------------------------|--------|------|-----------------|--------------|----|--|
| Client:            | AECOM Technical Services, Inc.                |        |      | Date Collected: | 09/16/25     |    |  |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |        |      | Date Received:  | 09/17/25     |    |  |
| Client Sample ID:  | BPOW6-1-20250916                              |        |      | SDG No.:        | Q3128        |    |  |
| Lab Sample ID:     | Q3128-01                                      |        |      | Matrix:         | Water        |    |  |
| Analytical Method: | 8260D                                         |        |      | % Solid:        | 0            |    |  |
| Sample Wt/Vol:     | 5                                             | Units: | mL   | Final Vol:      | 5000         | uL |  |
| Soil Aliquot Vol:  |                                               |        | uL   | Test:           | VOCMS Group1 |    |  |
| GC Column:         | DB-624UI                                      | ID :   | 0.18 | Level :         | LOW          |    |  |
| Prep Method :      |                                               |        |      |                 |              |    |  |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047843.D        | 1         | 09/26/25 08:25 | VX092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 0.50   | U         | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.50   | U         | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 2.50   | U         | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 54.3   |           | 81 - 118 |      | 109%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 49.1   |           | 80 - 119 |      | 98%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 48.6   |           | 89 - 112 |      | 97%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 54.7   |           | 85 - 114 |      | 109%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 118000 | 5.543     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 250000 | 6.751     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 255000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 128000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-1-20250916                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-01                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047843.D        | 1         | 09/26/25 08:25 | VX092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-4-20250916                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-04                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047839.D        | 1         | 09/26/25 07:01 | VX092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 3.80  | U         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-4-20250916                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-04                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047839.D        | 1         | 09/26/25 07:01 | VX092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 0.50   | U         | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.50   | U         | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 2.50   | U         | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 50.9   |           | 81 - 118 |      | 102%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 48.5   |           | 80 - 119 |      | 97%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 48.0   |           | 89 - 112 |      | 96%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 53.0   |           | 85 - 114 |      | 106%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 120000 | 5.544     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 253000 | 6.751     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 258000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 127000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-4-20250916                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-04                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047839.D        | 1         | 09/26/25 07:01 | VX092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-9-20250916                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-05                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047840.D        | 1         | 09/26/25 07:22 | VX092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 2.00  | J         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.29  | J         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-9-20250916                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-05                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047840.D        | 1         | 09/26/25 07:22 | VX092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 0.50   | U         | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.50   | U         | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 2.50   | U         | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 54.5   |           | 81 - 118 |      | 109%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 50.2   |           | 80 - 119 |      | 100%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 49.4   |           | 89 - 112 |      | 99%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 55.3   |           | 85 - 114 |      | 111%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 119000 | 5.538     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 251000 | 6.751     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 261000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 133000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-9-20250916                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-05                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047840.D        | 1         | 09/26/25 07:22 | VX092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-3-20250916                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-06                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047841.D        | 1         | 09/26/25 07:43 | VX092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 1.60  | J         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-3-20250916                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-06                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047841.D        | 1         | 09/26/25 07:43 | VX092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 0.50   | U         | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.50   | U         | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 2.50   | U         | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 54.6   |           | 81 - 118 |      | 109%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 50.6   |           | 80 - 119 |      | 101%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 49.5   |           | 89 - 112 |      | 99%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 56.3   |           | 85 - 114 |      | 113%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 133000 | 5.544     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 283000 | 6.751     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 293000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 148000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-3-20250916                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-06                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047841.D        | 1         | 09/26/25 07:43 | VX092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-2-20250916                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-07                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047810.D        | 1         | 09/25/25 14:35 | VX092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 3.80  | U         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-2-20250916                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-07                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047810.D        | 1         | 09/25/25 14:35 | VX092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 0.50   | U         | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.50   | U         | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 2.50   | U         | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 52.3   |           | 81 - 118 |      | 105%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 48.9   |           | 80 - 119 |      | 98%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 49.0   |           | 89 - 112 |      | 98%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 53.0   |           | 85 - 114 |      | 106%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 119000 | 5.538     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 255000 | 6.745     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 260000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 131000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-2-20250916                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-07                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047810.D        | 1         | 09/25/25 14:35 | VX092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-10-20250916                             |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-08                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047811.D        | 1         | 09/25/25 14:56 | VX092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 3.80  | U         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-10-20250916                             |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-08                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047811.D        | 1         | 09/25/25 14:56 | VX092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 0.50   | U         | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.50   | U         | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 2.50   | U         | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 51.4   |           | 81 - 118 |      | 103%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 48.7   |           | 80 - 119 |      | 97%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 48.4   |           | 89 - 112 |      | 97%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 54.0   |           | 85 - 114 |      | 108%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 124000 | 5.538     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 261000 | 6.751     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 264000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 132000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-10-20250916                             |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-08                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047811.D        | 1         | 09/25/25 14:56 | VX092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-11-20250916                             |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-09                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047812.D        | 1         | 09/25/25 15:17 | VX092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 3.80  | U         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-11-20250916                             |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-09                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047812.D        | 1         | 09/25/25 15:17 | VX092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 0.50   | U         | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.50   | U         | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 2.50   | U         | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 53.2   |           | 81 - 118 |      | 106%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 49.4   |           | 80 - 119 |      | 99%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 49.1   |           | 89 - 112 |      | 98%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 54.4   |           | 85 - 114 |      | 109%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 116000 | 5.544     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 248000 | 6.751     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 257000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 128000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-11-20250916                             |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-09                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047812.D        | 1         | 09/25/25 15:17 | VX092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-8-20250916                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-10                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047813.D        | 1         | 09/25/25 15:38 | VX092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 3.80  | U         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-8-20250916                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-10                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047813.D        | 1         | 09/25/25 15:38 | VX092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 0.50   | U         | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.50   | U         | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 2.50   | U         | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 52.0   |           | 81 - 118 |      | 104%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 49.9   |           | 80 - 119 |      | 100%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 48.7   |           | 89 - 112 |      | 97%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 53.7   |           | 85 - 114 |      | 107%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 119000 | 5.538     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 250000 | 6.745     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 258000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 128000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-8-20250916                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-10                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047813.D        | 1         | 09/25/25 15:38 | VX092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/17/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-7-20250917                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-11                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047814.D        | 1         | 09/25/25 15:59 | VX092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 3.80  | U         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/17/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-7-20250917                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-11                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047814.D        | 1         | 09/25/25 15:59 | VX092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 0.50   | U         | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.50   | U         | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 2.50   | U         | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 50.4   |           | 81 - 118 |      | 101%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 49.5   |           | 80 - 119 |      | 99%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 49.4   |           | 89 - 112 |      | 99%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 53.8   |           | 85 - 114 |      | 108%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 120000 | 5.537     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 249000 | 6.751     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 255000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 128000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/17/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-7-20250917                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-11                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047814.D        | 1         | 09/25/25 15:59 | VX092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/17/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-6-20250917                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-12                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047815.D        | 1         | 09/25/25 16:21 | VX092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 3.80  | U         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/17/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-6-20250917                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-12                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047815.D        | 1         | 09/25/25 16:21 | VX092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 0.50   | U         | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.50   | U         | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 2.50   | U         | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 0.33   | J         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.25   | J         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 54.9   |           | 81 - 118 |      | 110%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 50.2   |           | 80 - 119 |      | 100%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 49.6   |           | 89 - 112 |      | 99%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 56.1   |           | 85 - 114 |      | 112%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 128000 | 5.537     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 270000 | 6.745     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 279000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 144000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/17/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-6-20250917                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-12                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047815.D        | 1         | 09/25/25 16:21 | VX092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/17/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-5-20250917                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-13                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047816.D        | 1         | 09/25/25 16:42 | VX092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 3.80  | U         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/17/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-5-20250917                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-13                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047816.D        | 1         | 09/25/25 16:42 | VX092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 0.50   | U         | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.50   | U         | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 2.50   | U         | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 52.1   |           | 81 - 118 |      | 104%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 48.4   |           | 80 - 119 |      | 97%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 47.3   |           | 89 - 112 |      | 95%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 52.0   |           | 85 - 114 |      | 104%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 122000 | 5.537     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 261000 | 6.745     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 264000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 132000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/17/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-5-20250917                              |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-13                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047816.D        | 1         | 09/25/25 16:42 | VX092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/12/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | TB07-20250912                                 |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-14                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047842.D        | 1         | 09/26/25 08:04 | VX092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 3.80  | U         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/12/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | TB07-20250912                                 |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-14                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047842.D        | 1         | 09/26/25 08:04 | VX092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 0.50   | U         | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.50   | U         | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 2.50   | U         | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 51.3   |           | 81 - 118 |      | 103%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 48.8   |           | 80 - 119 |      | 98%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 48.6   |           | 89 - 112 |      | 97%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 54.1   |           | 85 - 114 |      | 108%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 132000 | 5.538     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 276000 | 6.751     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 283000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 141000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/12/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | TB07-20250912                                 |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-14                                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047842.D        | 1         | 09/26/25 08:04 | VX092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products



# QC SUMMARY

## Surrogate Summary

SDG No.: **Q3128**

Client: **AECOM Technical Services, Inc.**

Analytical Method: **SW8260-Low**

| Lab Sample ID | Client ID           | Parameter             | Spike | Result | Recovery (%) | Qual | Limits (%) |      |
|---------------|---------------------|-----------------------|-------|--------|--------------|------|------------|------|
|               |                     |                       |       |        |              |      | Low        | High |
| Q3128-01      | BPOW6-1-20250916    | 1,2-Dichloroethane-d4 | 50    | 54.3   | 109          |      | 81         | 118  |
|               |                     | Dibromofluoromethane  | 50    | 49.1   | 98           |      | 80         | 119  |
|               |                     | Toluene-d8            | 50    | 48.6   | 97           |      | 89         | 112  |
|               |                     | 4-Bromofluorobenzene  | 50    | 54.7   | 109          |      | 85         | 114  |
| Q3128-02MS    | BPOW6-1-20250916MS  | 1,2-Dichloroethane-d4 | 50    | 55.4   | 111          |      | 81         | 118  |
|               |                     | Dibromofluoromethane  | 50    | 54.1   | 108          |      | 80         | 119  |
|               |                     | Toluene-d8            | 50    | 51.7   | 103          |      | 89         | 112  |
|               |                     | 4-Bromofluorobenzene  | 50    | 52.9   | 106          |      | 85         | 114  |
| Q3128-03MSD   | BPOW6-1-20250916MSD | 1,2-Dichloroethane-d4 | 50    | 49.1   | 98           |      | 81         | 118  |
|               |                     | Dibromofluoromethane  | 50    | 47.9   | 96           |      | 80         | 119  |
|               |                     | Toluene-d8            | 50    | 47.6   | 95           |      | 89         | 112  |
|               |                     | 4-Bromofluorobenzene  | 50    | 47.9   | 96           |      | 85         | 114  |
| Q3128-04      | BPOW6-4-20250916    | 1,2-Dichloroethane-d4 | 50    | 50.9   | 102          |      | 81         | 118  |
|               |                     | Dibromofluoromethane  | 50    | 48.5   | 97           |      | 80         | 119  |
|               |                     | Toluene-d8            | 50    | 48.0   | 96           |      | 89         | 112  |
|               |                     | 4-Bromofluorobenzene  | 50    | 53.0   | 106          |      | 85         | 114  |
| Q3128-05      | BPOW6-9-20250916    | 1,2-Dichloroethane-d4 | 50    | 54.5   | 109          |      | 81         | 118  |
|               |                     | Dibromofluoromethane  | 50    | 50.2   | 100          |      | 80         | 119  |
|               |                     | Toluene-d8            | 50    | 49.4   | 99           |      | 89         | 112  |
|               |                     | 4-Bromofluorobenzene  | 50    | 55.3   | 111          |      | 85         | 114  |
| Q3128-06      | BPOW6-3-20250916    | 1,2-Dichloroethane-d4 | 50    | 54.6   | 109          |      | 81         | 118  |
|               |                     | Dibromofluoromethane  | 50    | 50.6   | 101          |      | 80         | 119  |
|               |                     | Toluene-d8            | 50    | 49.5   | 99           |      | 89         | 112  |
|               |                     | 4-Bromofluorobenzene  | 50    | 56.3   | 113          |      | 85         | 114  |
| Q3128-07      | BPOW6-2-20250916    | 1,2-Dichloroethane-d4 | 50    | 52.3   | 105          |      | 81         | 118  |
|               |                     | Dibromofluoromethane  | 50    | 48.9   | 98           |      | 80         | 119  |
|               |                     | Toluene-d8            | 50    | 49.0   | 98           |      | 89         | 112  |
|               |                     | 4-Bromofluorobenzene  | 50    | 53.0   | 106          |      | 85         | 114  |
| Q3128-08      | BPOW6-10-20250916   | 1,2-Dichloroethane-d4 | 50    | 51.4   | 103          |      | 81         | 118  |
|               |                     | Dibromofluoromethane  | 50    | 48.7   | 97           |      | 80         | 119  |
|               |                     | Toluene-d8            | 50    | 48.4   | 97           |      | 89         | 112  |
|               |                     | 4-Bromofluorobenzene  | 50    | 54.0   | 108          |      | 85         | 114  |
| Q3128-09      | BPOW6-11-20250916   | 1,2-Dichloroethane-d4 | 50    | 53.2   | 106          |      | 81         | 118  |
|               |                     | Dibromofluoromethane  | 50    | 49.4   | 99           |      | 80         | 119  |
|               |                     | Toluene-d8            | 50    | 49.1   | 98           |      | 89         | 112  |
|               |                     | 4-Bromofluorobenzene  | 50    | 54.5   | 109          |      | 85         | 114  |
| Q3128-10      | BPOW6-8-20250916    | 1,2-Dichloroethane-d4 | 50    | 52.0   | 104          |      | 81         | 118  |
|               |                     | Dibromofluoromethane  | 50    | 49.9   | 100          |      | 80         | 119  |
|               |                     | Toluene-d8            | 50    | 48.7   | 97           |      | 89         | 112  |
|               |                     | 4-Bromofluorobenzene  | 50    | 53.7   | 107          |      | 85         | 114  |
| Q3128-11      | BPOW6-7-20250917    | 1,2-Dichloroethane-d4 | 50    | 50.4   | 101          |      | 81         | 118  |
|               |                     | Dibromofluoromethane  | 50    | 49.5   | 99           |      | 80         | 119  |
|               |                     | Toluene-d8            | 50    | 49.4   | 99           |      | 89         | 112  |
|               |                     | 4-Bromofluorobenzene  | 50    | 53.8   | 108          |      | 85         | 114  |
| Q3128-12      | BPOW6-6-20250917    | 1,2-Dichloroethane-d4 | 50    | 54.9   | 110          |      | 81         | 118  |
|               |                     | Dibromofluoromethane  | 50    | 50.2   | 100          |      | 80         | 119  |
|               |                     | Toluene-d8            | 50    | 49.6   | 99           |      | 89         | 112  |
|               |                     | 4-Bromofluorobenzene  | 50    | 56.1   | 112          |      | 85         | 114  |
| Q3128-13      | BPOW6-5-20250917    | 1,2-Dichloroethane-d4 | 50    | 52.1   | 104          |      | 81         | 118  |
|               |                     | Dibromofluoromethane  | 50    | 48.4   | 97           |      | 80         | 119  |

### Surrogate Summary

SDG No.: Q3128

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

| Lab Sample ID | Client ID        | Parameter             | Spike | Result | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------------|-----------------------|-------|--------|--------------|------|------------|------|
|               |                  |                       |       |        |              |      | Low        | High |
| Q3128-13      | BPOW6-5-20250917 | Toluene-d8            | 50    | 47.3   | 95           |      | 89         | 112  |
|               |                  | 4-Bromofluorobenzene  | 50    | 52.0   | 104          |      | 85         | 114  |
| Q3128-14      | TB07-20250912    | 1,2-Dichloroethane-d4 | 50    | 51.3   | 103          |      | 81         | 118  |
|               |                  | Dibromofluoromethane  | 50    | 48.8   | 98           |      | 80         | 119  |
|               |                  | Toluene-d8            | 50    | 48.6   | 97           |      | 89         | 112  |
|               |                  | 4-Bromofluorobenzene  | 50    | 54.1   | 108          |      | 85         | 114  |
| VX0925WBL01   | VX0925WBL01      | 1,2-Dichloroethane-d4 | 50    | 51.1   | 102          |      | 81         | 118  |
|               |                  | Dibromofluoromethane  | 50    | 48.4   | 97           |      | 80         | 119  |
|               |                  | Toluene-d8            | 50    | 48.3   | 97           |      | 89         | 112  |
|               |                  | 4-Bromofluorobenzene  | 50    | 53.3   | 107          |      | 85         | 114  |
| VX0925WBL02   | VX0925WBL02      | 1,2-Dichloroethane-d4 | 50    | 54.4   | 109          |      | 81         | 118  |
|               |                  | Dibromofluoromethane  | 50    | 48.8   | 98           |      | 80         | 119  |
|               |                  | Toluene-d8            | 50    | 48.7   | 97           |      | 89         | 112  |
|               |                  | 4-Bromofluorobenzene  | 50    | 54.8   | 110          |      | 85         | 114  |
| VX0925WBS01   | VX0925WBS01      | 1,2-Dichloroethane-d4 | 50    | 53.3   | 107          |      | 81         | 118  |
|               |                  | Dibromofluoromethane  | 50    | 52.0   | 104          |      | 80         | 119  |
|               |                  | Toluene-d8            | 50    | 50.2   | 100          |      | 89         | 112  |
|               |                  | 4-Bromofluorobenzene  | 50    | 53.1   | 106          |      | 85         | 114  |
| VX0925WBS02   | VX0925WBS02      | 1,2-Dichloroethane-d4 | 50    | 53.5   | 107          |      | 81         | 118  |
|               |                  | Dibromofluoromethane  | 50    | 54.5   | 109          |      | 80         | 119  |
|               |                  | Toluene-d8            | 50    | 53.6   | 107          |      | 89         | 112  |
|               |                  | 4-Bromofluorobenzene  | 50    | 54.6   | 109          |      | 85         | 114  |

# Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3128

Analytical Method: SW8260-Low

Client: AECOM Technical Services, Inc.

Datafile : VX047844.D

|                                |            | Sample             |                    |       |     | Rec  | RPD |      | Limits |      |     |
|--------------------------------|------------|--------------------|--------------------|-------|-----|------|-----|------|--------|------|-----|
| Parameter                      | Spike      | Result             | Result             | Units | Rec | Qual | RPD | Qual | Low    | High | RPD |
| Lab Sample ID :                | Q3128-02MS | Client Sample ID : | BPOW6-1-20250916MS |       |     |      |     |      |        |      |     |
| Dichlorodifluoromethane        | 50         | 0                  | 54.8               | ug/L  | 110 |      |     |      | 32     | 152  |     |
| Chloromethane                  | 50         | 0                  | 55.6               | ug/L  | 111 |      |     |      | 50     | 139  |     |
| Vinyl chloride                 | 50         | 0                  | 57.3               | ug/L  | 115 |      |     |      | 58     | 137  |     |
| Bromomethane                   | 50         | 0                  | 49.6               | ug/L  | 99  |      |     |      | 53     | 141  |     |
| Chloroethane                   | 50         | 0                  | 55.0               | ug/L  | 110 |      |     |      | 60     | 138  |     |
| Trichlorofluoromethane         | 50         | 0                  | 53.5               | ug/L  | 107 |      |     |      | 65     | 141  |     |
| 1,1,2-Trichlorotrifluoroethane | 50         | 0                  | 50.3               | ug/L  | 101 |      |     |      | 70     | 136  |     |
| 1,1-Dichloroethene             | 50         | 0                  | 54.6               | ug/L  | 109 |      |     |      | 71     | 131  |     |
| Acetone                        | 250        | 1.90               | 240                | ug/L  | 95  |      |     |      | 39     | 160  |     |
| Carbon disulfide               | 50         | 0                  | 55.0               | ug/L  | 110 |      |     |      | 64     | 133  |     |
| Methyl tert-butyl Ether        | 50         | 0                  | 56.0               | ug/L  | 112 |      |     |      | 71     | 124  |     |
| Methyl Acetate                 | 50         | 0                  | 51.9               | ug/L  | 104 |      |     |      | 56     | 136  |     |
| Methylene Chloride             | 50         | 0                  | 56.0               | ug/L  | 112 |      |     |      | 74     | 124  |     |
| trans-1,2-Dichloroethene       | 50         | 0                  | 56.0               | ug/L  | 112 |      |     |      | 75     | 124  |     |
| 1,1-Dichloroethane             | 50         | 0                  | 55.9               | ug/L  | 112 |      |     |      | 77     | 125  |     |
| Cyclohexane                    | 50         | 0                  | 48.2               | ug/L  | 96  |      |     |      | 71     | 130  |     |
| 2-Butanone                     | 250        | 0                  | 290                | ug/L  | 116 |      |     |      | 56     | 143  |     |
| Carbon Tetrachloride           | 50         | 0                  | 49.9               | ug/L  | 100 |      |     |      | 72     | 136  |     |
| cis-1,2-Dichloroethene         | 50         | 0                  | 56.0               | ug/L  | 112 |      |     |      | 78     | 123  |     |
| Bromochloromethane             | 50         | 0                  | 55.8               | ug/L  | 112 |      |     |      | 78     | 123  |     |
| Chloroform                     | 50         | 0                  | 56.8               | ug/L  | 114 |      |     |      | 79     | 124  |     |
| 1,1,1-Trichloroethane          | 50         | 0                  | 53.8               | ug/L  | 108 |      |     |      | 74     | 131  |     |
| Methylcyclohexane              | 50         | 0                  | 43.4               | ug/L  | 87  |      |     |      | 72     | 132  |     |
| Benzene                        | 50         | 0                  | 53.1               | ug/L  | 106 |      |     |      | 79     | 120  |     |
| 1,2-Dichloroethane             | 50         | 0                  | 52.0               | ug/L  | 104 |      |     |      | 73     | 128  |     |
| Trichloroethene                | 50         | 0                  | 52.0               | ug/L  | 104 |      |     |      | 79     | 123  |     |
| 1,2-Dichloropropane            | 50         | 0                  | 54.2               | ug/L  | 108 |      |     |      | 78     | 122  |     |
| Bromodichloromethane           | 50         | 0                  | 54.2               | ug/L  | 108 |      |     |      | 79     | 125  |     |
| 4-Methyl-2-Pentanone           | 250        | 0                  | 290                | ug/L  | 116 |      |     |      | 67     | 130  |     |
| Toluene                        | 50         | 0                  | 52.9               | ug/L  | 106 |      |     |      | 80     | 121  |     |
| t-1,3-Dichloropropene          | 50         | 0                  | 47.1               | ug/L  | 94  |      |     |      | 73     | 127  |     |
| cis-1,3-Dichloropropene        | 50         | 0                  | 46.3               | ug/L  | 93  |      |     |      | 75     | 124  |     |
| 1,1,2-Trichloroethane          | 50         | 0                  | 55.5               | ug/L  | 111 |      |     |      | 80     | 119  |     |
| 2-Hexanone                     | 250        | 0                  | 280                | ug/L  | 112 |      |     |      | 57     | 139  |     |
| Dibromochloromethane           | 50         | 0                  | 55.8               | ug/L  | 112 |      |     |      | 74     | 126  |     |
| 1,2-Dibromoethane              | 50         | 0                  | 56.3               | ug/L  | 113 |      |     |      | 77     | 121  |     |
| Tetrachloroethene              | 50         | 0                  | 46.9               | ug/L  | 94  |      |     |      | 74     | 129  |     |
| Chlorobenzene                  | 50         | 0                  | 50.3               | ug/L  | 101 |      |     |      | 82     | 118  |     |
| Ethyl Benzene                  | 50         | 0                  | 49.2               | ug/L  | 98  |      |     |      | 79     | 121  |     |
| m/p-Xylenes                    | 100        | 0                  | 99.6               | ug/L  | 100 |      |     |      | 80     | 121  |     |
| o-Xylene                       | 50         | 0                  | 50.2               | ug/L  | 100 |      |     |      | 78     | 122  |     |
| Styrene                        | 50         | 0                  | 50.0               | ug/L  | 100 |      |     |      | 78     | 123  |     |
| Bromoform                      | 50         | 0                  | 52.0               | ug/L  | 104 |      |     |      | 66     | 130  |     |
| Isopropylbenzene               | 50         | 0                  | 46.8               | ug/L  | 94  |      |     |      | 72     | 131  |     |
| 1,1,2,2-Tetrachloroethane      | 50         | 0                  | 52.0               | ug/L  | 104 |      |     |      | 71     | 121  |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3128

Analytical Method: SW8260-Low

Client: AECOM Technical Services, Inc.

Datafile : VX047844.D

| Parameter                   | Spike | Sample | Result | Units | Rec |      |     | RPD  | Limits |      |     |
|-----------------------------|-------|--------|--------|-------|-----|------|-----|------|--------|------|-----|
|                             |       | Result |        |       | Rec | Qual | RPD | Qual | Low    | High | RPD |
| 1,3-Dichlorobenzene         | 50    | 0      | 46.8   | ug/L  | 94  |      |     |      | 80     | 119  |     |
| 1,4-Dichlorobenzene         | 50    | 0      | 46.3   | ug/L  | 93  |      |     |      | 79     | 118  |     |
| 1,2-Dichlorobenzene         | 50    | 0      | 48.4   | ug/L  | 97  |      |     |      | 80     | 119  |     |
| 1,2-Dibromo-3-Chloropropane | 50    | 0      | 49.9   | ug/L  | 100 |      |     |      | 62     | 128  |     |
| 1,2,4-Trichlorobenzene      | 50    | 0      | 45.2   | ug/L  | 90  |      |     |      | 69     | 130  |     |
| 1,2,3-Trichlorobenzene      | 50    | 0      | 47.3   | ug/L  | 95  |      |     |      | 69     | 129  |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3128

Analytical Method: SW8260-Low

Client: AECOM Technical Services, Inc.

Datafile : VX047845.D

| Limits                         |       |                    |        |                     |      |     |      |  |     |      |     |
|--------------------------------|-------|--------------------|--------|---------------------|------|-----|------|--|-----|------|-----|
| Parameter                      | Spike | Sample             | Result | Units               | Rec  |     | RPD  |  | Low | High | RPD |
|                                |       | Result             |        |                     | Qual | RPD | Qual |  |     |      |     |
| Lab Sample ID : Q3128-03MSD    |       | Client Sample ID : |        | BPOW6-1-20250916MSD |      |     |      |  |     |      |     |
| Dichlorodifluoromethane        | 50    | 0                  | 51.3   | ug/L                | 103  |     | 7    |  | 32  | 152  | 20  |
| Chloromethane                  | 50    | 0                  | 50.3   | ug/L                | 101  |     | 10   |  | 50  | 139  | 20  |
| Vinyl chloride                 | 50    | 0                  | 51.5   | ug/L                | 103  |     | 11   |  | 58  | 137  | 20  |
| Bromomethane                   | 50    | 0                  | 48.2   | ug/L                | 96   |     | 3    |  | 53  | 141  | 20  |
| Chloroethane                   | 50    | 0                  | 50.3   | ug/L                | 101  |     | 9    |  | 60  | 138  | 20  |
| Trichlorofluoromethane         | 50    | 0                  | 49.2   | ug/L                | 98   |     | 8    |  | 65  | 141  | 20  |
| 1,1,2-Trichlorotrifluoroethane | 50    | 0                  | 47.7   | ug/L                | 95   |     | 5    |  | 70  | 136  | 20  |
| 1,1-Dichloroethene             | 50    | 0                  | 50.6   | ug/L                | 101  |     | 8    |  | 71  | 131  | 20  |
| Acetone                        | 250   | 1.90               | 230    | ug/L                | 91   |     | 4    |  | 39  | 160  | 20  |
| Carbon disulfide               | 50    | 0                  | 50.2   | ug/L                | 100  |     | 9    |  | 64  | 133  | 20  |
| Methyl tert-butyl Ether        | 50    | 0                  | 52.3   | ug/L                | 105  |     | 7    |  | 71  | 124  | 20  |
| Methyl Acetate                 | 50    | 0                  | 47.4   | ug/L                | 95   |     | 9    |  | 56  | 136  | 20  |
| Methylene Chloride             | 50    | 0                  | 51.9   | ug/L                | 104  |     | 8    |  | 74  | 124  | 20  |
| trans-1,2-Dichloroethene       | 50    | 0                  | 51.5   | ug/L                | 103  |     | 8    |  | 75  | 124  | 20  |
| 1,1-Dichloroethane             | 50    | 0                  | 51.7   | ug/L                | 103  |     | 8    |  | 77  | 125  | 20  |
| Cyclohexane                    | 50    | 0                  | 45.8   | ug/L                | 92   |     | 5    |  | 71  | 130  | 20  |
| 2-Butanone                     | 250   | 0                  | 280    | ug/L                | 112  |     | 4    |  | 56  | 143  | 20  |
| Carbon Tetrachloride           | 50    | 0                  | 45.9   | ug/L                | 92   |     | 8    |  | 72  | 136  | 20  |
| cis-1,2-Dichloroethene         | 50    | 0                  | 52.3   | ug/L                | 105  |     | 7    |  | 78  | 123  | 20  |
| Bromochloromethane             | 50    | 0                  | 51.9   | ug/L                | 104  |     | 7    |  | 78  | 123  | 20  |
| Chloroform                     | 50    | 0                  | 52.8   | ug/L                | 106  |     | 7    |  | 79  | 124  | 20  |
| 1,1,1-Trichloroethane          | 50    | 0                  | 50.4   | ug/L                | 101  |     | 7    |  | 74  | 131  | 20  |
| Methylcyclohexane              | 50    | 0                  | 42.0   | ug/L                | 84   |     | 3    |  | 72  | 132  | 20  |
| Benzene                        | 50    | 0                  | 50.3   | ug/L                | 101  |     | 5    |  | 79  | 120  | 20  |
| 1,2-Dichloroethane             | 50    | 0                  | 49.7   | ug/L                | 99   |     | 5    |  | 73  | 128  | 20  |
| Trichloroethene                | 50    | 0                  | 50.4   | ug/L                | 101  |     | 3    |  | 79  | 123  | 20  |
| 1,2-Dichloropropane            | 50    | 0                  | 51.3   | ug/L                | 103  |     | 5    |  | 78  | 122  | 20  |
| Bromodichloromethane           | 50    | 0                  | 51.1   | ug/L                | 102  |     | 6    |  | 79  | 125  | 20  |
| 4-Methyl-2-Pentanone           | 250   | 0                  | 280    | ug/L                | 112  |     | 4    |  | 67  | 130  | 20  |
| Toluene                        | 50    | 0                  | 50.5   | ug/L                | 101  |     | 5    |  | 80  | 121  | 20  |
| t-1,3-Dichloropropene          | 50    | 0                  | 46.0   | ug/L                | 92   |     | 2    |  | 73  | 127  | 20  |
| cis-1,3-Dichloropropene        | 50    | 0                  | 45.2   | ug/L                | 90   |     | 2    |  | 75  | 124  | 20  |
| 1,1,2-Trichloroethane          | 50    | 0                  | 54.1   | ug/L                | 108  |     | 3    |  | 80  | 119  | 20  |
| 2-Hexanone                     | 250   | 0                  | 280    | ug/L                | 112  |     | 0    |  | 57  | 139  | 20  |
| Dibromochloromethane           | 50    | 0                  | 53.7   | ug/L                | 107  |     | 4    |  | 74  | 126  | 20  |
| 1,2-Dibromoethane              | 50    | 0                  | 55.4   | ug/L                | 111  |     | 2    |  | 77  | 121  | 20  |
| Tetrachloroethene              | 50    | 0                  | 45.5   | ug/L                | 91   |     | 3    |  | 74  | 129  | 20  |
| Chlorobenzene                  | 50    | 0                  | 48.5   | ug/L                | 97   |     | 4    |  | 82  | 118  | 20  |
| Ethyl Benzene                  | 50    | 0                  | 47.7   | ug/L                | 95   |     | 3    |  | 79  | 121  | 20  |
| m/p-Xylenes                    | 100   | 0                  | 97.2   | ug/L                | 97   |     | 2    |  | 80  | 121  | 20  |
| o-Xylene                       | 50    | 0                  | 49.0   | ug/L                | 98   |     | 2    |  | 78  | 122  | 20  |
| Styrene                        | 50    | 0                  | 48.5   | ug/L                | 97   |     | 3    |  | 78  | 123  | 20  |
| Bromoform                      | 50    | 0                  | 51.0   | ug/L                | 102  |     | 2    |  | 66  | 130  | 20  |
| Isopropylbenzene               | 50    | 0                  | 45.6   | ug/L                | 91   |     | 3    |  | 72  | 131  | 20  |
| 1,1,2,2-Tetrachloroethane      | 50    | 0                  | 51.6   | ug/L                | 103  |     | 1    |  | 71  | 121  | 20  |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3128

Analytical Method: SW8260-Low

Client: AECOM Technical Services, Inc.

Datafile : VX047845.D

| Parameter                   | Spike | Sample | Result | Units | Rec |      |     | RPD  |     | Limits |     |  |
|-----------------------------|-------|--------|--------|-------|-----|------|-----|------|-----|--------|-----|--|
|                             |       | Result |        |       | Rec | Qual | RPD | Qual | Low | High   | RPD |  |
| 1,3-Dichlorobenzene         | 50    | 0      | 47.2   | ug/L  | 94  |      | 1   |      | 80  | 119    | 20  |  |
| 1,4-Dichlorobenzene         | 50    | 0      | 46.1   | ug/L  | 92  |      | 0   |      | 79  | 118    | 20  |  |
| 1,2-Dichlorobenzene         | 50    | 0      | 48.3   | ug/L  | 97  |      | 0   |      | 80  | 119    | 20  |  |
| 1,2-Dibromo-3-Chloropropane | 50    | 0      | 50.6   | ug/L  | 101 |      | 1   |      | 62  | 128    | 20  |  |
| 1,2,4-Trichlorobenzene      | 50    | 0      | 46.3   | ug/L  | 93  |      | 2   |      | 69  | 130    | 20  |  |
| 1,2,3-Trichlorobenzene      | 50    | 0      | 47.7   | ug/L  | 95  |      | 1   |      | 69  | 129    | 20  |  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|          |                                       |                    |                   |
|----------|---------------------------------------|--------------------|-------------------|
| SDG No.: | <u>Q3128</u>                          | Analytical Method: | <u>SW8260-Low</u> |
| Client:  | <u>AECOM Technical Services, Inc.</u> | Datafile :         | <u>VX047798.D</u> |

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VX0925WBS01   | Dichlorodifluoromethane        | 20    | 22.1   | ug/L | 111 |     |      | 32  | 152            |     |
|               | Chloromethane                  | 20    | 20.6   | ug/L | 103 |     |      | 50  | 139            |     |
|               | Vinyl chloride                 | 20    | 20.6   | ug/L | 103 |     |      | 58  | 137            |     |
|               | Bromomethane                   | 20    | 20.8   | ug/L | 104 |     |      | 53  | 141            |     |
|               | Chloroethane                   | 20    | 20.2   | ug/L | 101 |     |      | 60  | 138            |     |
|               | Trichlorofluoromethane         | 20    | 19.8   | ug/L | 99  |     |      | 65  | 141            |     |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 20.3   | ug/L | 102 |     |      | 70  | 136            |     |
|               | 1,1-Dichloroethene             | 20    | 19.3   | ug/L | 97  |     |      | 71  | 131            |     |
|               | Acetone                        | 100   | 96.4   | ug/L | 96  |     |      | 39  | 160            |     |
|               | Carbon disulfide               | 20    | 19.6   | ug/L | 98  |     |      | 64  | 133            |     |
|               | Methyl tert-butyl Ether        | 20    | 20.0   | ug/L | 100 |     |      | 71  | 124            |     |
|               | Methyl Acetate                 | 20    | 22.6   | ug/L | 113 |     |      | 56  | 136            |     |
|               | Methylene Chloride             | 20    | 20.6   | ug/L | 103 |     |      | 74  | 124            |     |
|               | trans-1,2-Dichloroethene       | 20    | 20.2   | ug/L | 101 |     |      | 75  | 124            |     |
|               | 1,1-Dichloroethane             | 20    | 20.4   | ug/L | 102 |     |      | 77  | 125            |     |
|               | Cyclohexane                    | 20    | 19.2   | ug/L | 96  |     |      | 71  | 130            |     |
|               | 2-Butanone                     | 100   | 110    | ug/L | 110 |     |      | 56  | 143            |     |
|               | Carbon Tetrachloride           | 20    | 18.2   | ug/L | 91  |     |      | 72  | 136            |     |
|               | cis-1,2-Dichloroethene         | 20    | 20.3   | ug/L | 102 |     |      | 78  | 123            |     |
|               | Bromochloromethane             | 20    | 20.0   | ug/L | 100 |     |      | 78  | 123            |     |
|               | Chloroform                     | 20    | 20.7   | ug/L | 104 |     |      | 79  | 124            |     |
|               | 1,1,1-Trichloroethane          | 20    | 19.8   | ug/L | 99  |     |      | 74  | 131            |     |
|               | Methylcyclohexane              | 20    | 17.8   | ug/L | 89  |     |      | 72  | 132            |     |
|               | Benzene                        | 20    | 19.9   | ug/L | 100 |     |      | 79  | 120            |     |
|               | 1,2-Dichloroethane             | 20    | 19.5   | ug/L | 98  |     |      | 73  | 128            |     |
|               | Trichloroethene                | 20    | 19.7   | ug/L | 99  |     |      | 79  | 123            |     |
|               | 1,2-Dichloropropane            | 20    | 20.1   | ug/L | 101 |     |      | 78  | 122            |     |
|               | Bromodichloromethane           | 20    | 19.5   | ug/L | 98  |     |      | 79  | 125            |     |
|               | 4-Methyl-2-Pentanone           | 100   | 110    | ug/L | 110 |     |      | 67  | 130            |     |
|               | Toluene                        | 20    | 20.0   | ug/L | 100 |     |      | 80  | 121            |     |
|               | t-1,3-Dichloropropene          | 20    | 18.9   | ug/L | 95  |     |      | 73  | 127            |     |
|               | cis-1,3-Dichloropropene        | 20    | 19.3   | ug/L | 97  |     |      | 75  | 124            |     |
|               | 1,1,2-Trichloroethane          | 20    | 21.0   | ug/L | 105 |     |      | 80  | 119            |     |
|               | 2-Hexanone                     | 100   | 110    | ug/L | 110 |     |      | 57  | 139            |     |
|               | Dibromochloromethane           | 20    | 20.5   | ug/L | 103 |     |      | 74  | 126            |     |
|               | 1,2-Dibromoethane              | 20    | 20.8   | ug/L | 104 |     |      | 77  | 121            |     |
|               | Tetrachloroethene              | 20    | 18.7   | ug/L | 94  |     |      | 74  | 129            |     |
|               | Chlorobenzene                  | 20    | 19.0   | ug/L | 95  |     |      | 82  | 118            |     |
|               | Ethyl Benzene                  | 20    | 18.1   | ug/L | 91  |     |      | 79  | 121            |     |
|               | m/p-Xylenes                    | 40    | 37.6   | ug/L | 94  |     |      | 80  | 121            |     |
|               | o-Xylene                       | 20    | 18.5   | ug/L | 93  |     |      | 78  | 122            |     |
|               | Styrene                        | 20    | 18.9   | ug/L | 95  |     |      | 78  | 123            |     |
|               | Bromoform                      | 20    | 19.6   | ug/L | 98  |     |      | 66  | 130            |     |
|               | Isopropylbenzene               | 20    | 16.8   | ug/L | 84  |     |      | 72  | 131            |     |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 18.9   | ug/L | 95  |     |      | 71  | 121            |     |
|               | 1,3-Dichlorobenzene            | 20    | 17.5   | ug/L | 88  |     |      | 80  | 119            |     |
|               | 1,4-Dichlorobenzene            | 20    | 17.8   | ug/L | 89  |     |      | 79  | 118            |     |
|               | 1,2-Dichlorobenzene            | 20    | 17.8   | ug/L | 89  |     |      | 80  | 119            |     |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

|                 |                                       |                           |                   |
|-----------------|---------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3128</u>                          | <b>Analytical Method:</b> | <u>SW8260-Low</u> |
| <b>Client:</b>  | <u>AECOM Technical Services, Inc.</u> | <b>Datafile :</b>         | <u>VX047798.D</u> |

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|-----|--------|-----|
|               |                             |       |        |      |     |     |      |     | High   |     |
| VX0925WBS01   | 1,2-Dibromo-3-Chloropropane | 20    | 17.6   | ug/L | 88  |     |      | 62  | 128    |     |
|               | 1,2,4-Trichlorobenzene      | 20    | 16.2   | ug/L | 81  |     |      | 69  | 130    |     |
|               | 1,2,3-Trichlorobenzene      | 20    | 16.9   | ug/L | 85  |     |      | 69  | 129    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|          |                                |                    |            |
|----------|--------------------------------|--------------------|------------|
| SDG No.: | Q3128                          | Analytical Method: | SW8260-Low |
| Client:  | AECOM Technical Services, Inc. | Datafile :         | VX047827.D |

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|-----|-------------|-----|
| VX0925WBS02   | Dichlorodifluoromethane        | 20    | 21.6   | ug/L | 108 |     |      | 32  | 152         |     |
|               | Chloromethane                  | 20    | 20.8   | ug/L | 104 |     |      | 50  | 139         |     |
|               | Vinyl chloride                 | 20    | 20.6   | ug/L | 103 |     |      | 58  | 137         |     |
|               | Bromomethane                   | 20    | 20.2   | ug/L | 101 |     |      | 53  | 141         |     |
|               | Chloroethane                   | 20    | 20.6   | ug/L | 103 |     |      | 60  | 138         |     |
|               | Trichlorofluoromethane         | 20    | 20.1   | ug/L | 101 |     |      | 65  | 141         |     |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 19.7   | ug/L | 99  |     |      | 70  | 136         |     |
|               | 1,1-Dichloroethene             | 20    | 20.6   | ug/L | 103 |     |      | 71  | 131         |     |
|               | Acetone                        | 100   | 93.0   | ug/L | 93  |     |      | 39  | 160         |     |
|               | Carbon disulfide               | 20    | 19.8   | ug/L | 99  |     |      | 64  | 133         |     |
|               | Methyl tert-butyl Ether        | 20    | 20.9   | ug/L | 104 |     |      | 71  | 124         |     |
|               | Methyl Acetate                 | 20    | 24.7   | ug/L | 124 |     |      | 56  | 136         |     |
|               | Methylene Chloride             | 20    | 21.6   | ug/L | 108 |     |      | 74  | 124         |     |
|               | trans-1,2-Dichloroethene       | 20    | 20.8   | ug/L | 104 |     |      | 75  | 124         |     |
|               | 1,1-Dichloroethane             | 20    | 21.0   | ug/L | 105 |     |      | 77  | 125         |     |
|               | Cyclohexane                    | 20    | 19.3   | ug/L | 97  |     |      | 71  | 130         |     |
|               | 2-Butanone                     | 100   | 110    | ug/L | 110 |     |      | 56  | 143         |     |
|               | Carbon Tetrachloride           | 20    | 19.1   | ug/L | 96  |     |      | 72  | 136         |     |
|               | cis-1,2-Dichloroethene         | 20    | 21.1   | ug/L | 106 |     |      | 78  | 123         |     |
|               | Bromochloromethane             | 20    | 20.3   | ug/L | 102 |     |      | 78  | 123         |     |
|               | Chloroform                     | 20    | 21.6   | ug/L | 108 |     |      | 79  | 124         |     |
|               | 1,1,1-Trichloroethane          | 20    | 20.5   | ug/L | 103 |     |      | 74  | 131         |     |
|               | Methylcyclohexane              | 20    | 17.7   | ug/L | 89  |     |      | 72  | 132         |     |
|               | Benzene                        | 20    | 20.5   | ug/L | 103 |     |      | 79  | 120         |     |
|               | 1,2-Dichloroethane             | 20    | 19.9   | ug/L | 100 |     |      | 73  | 128         |     |
|               | Trichloroethene                | 20    | 20.1   | ug/L | 101 |     |      | 79  | 123         |     |
|               | 1,2-Dichloropropane            | 20    | 21.0   | ug/L | 105 |     |      | 78  | 122         |     |
|               | Bromodichloromethane           | 20    | 20.6   | ug/L | 103 |     |      | 79  | 125         |     |
|               | 4-Methyl-2-Pentanone           | 100   | 120    | ug/L | 120 |     |      | 67  | 130         |     |
|               | Toluene                        | 20    | 20.3   | ug/L | 102 |     |      | 80  | 121         |     |
|               | t-1,3-Dichloropropene          | 20    | 18.5   | ug/L | 93  |     |      | 73  | 127         |     |
|               | cis-1,3-Dichloropropene        | 20    | 18.7   | ug/L | 94  |     |      | 75  | 124         |     |
|               | 1,1,2-Trichloroethane          | 20    | 21.6   | ug/L | 108 |     |      | 80  | 119         |     |
|               | 2-Hexanone                     | 100   | 110    | ug/L | 110 |     |      | 57  | 139         |     |
|               | Dibromochloromethane           | 20    | 21.5   | ug/L | 108 |     |      | 74  | 126         |     |
|               | 1,2-Dibromoethane              | 20    | 22.5   | ug/L | 113 |     |      | 77  | 121         |     |
|               | Tetrachloroethene              | 20    | 20.2   | ug/L | 101 |     |      | 74  | 129         |     |
|               | Chlorobenzene                  | 20    | 19.8   | ug/L | 99  |     |      | 82  | 118         |     |
|               | Ethyl Benzene                  | 20    | 19.0   | ug/L | 95  |     |      | 79  | 121         |     |
|               | m/p-Xylenes                    | 40    | 39.4   | ug/L | 99  |     |      | 80  | 121         |     |
|               | o-Xylene                       | 20    | 19.5   | ug/L | 98  |     |      | 78  | 122         |     |
|               | Styrene                        | 20    | 19.7   | ug/L | 99  |     |      | 78  | 123         |     |
|               | Bromoform                      | 20    | 20.8   | ug/L | 104 |     |      | 66  | 130         |     |
|               | Isopropylbenzene               | 20    | 18.5   | ug/L | 93  |     |      | 72  | 131         |     |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 21.2   | ug/L | 106 |     |      | 71  | 121         |     |
|               | 1,3-Dichlorobenzene            | 20    | 19.5   | ug/L | 98  |     |      | 80  | 119         |     |
|               | 1,4-Dichlorobenzene            | 20    | 19.0   | ug/L | 95  |     |      | 79  | 118         |     |
|               | 1,2-Dichlorobenzene            | 20    | 19.7   | ug/L | 99  |     |      | 80  | 119         |     |

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|                 |                                       |                           |                   |
|-----------------|---------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3128</u>                          | <b>Analytical Method:</b> | <u>SW8260-Low</u> |
| <b>Client:</b>  | <u>AECOM Technical Services, Inc.</u> | <b>Datafile :</b>         | <u>VX047827.D</u> |

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VX0925WBS02   | 1,2-Dibromo-3-Chloropropane | 20    | 19.5   | ug/L | 98  |     |      | 62  | 128            |     |
|               | 1,2,4-Trichlorobenzene      | 20    | 18.1   | ug/L | 91  |     |      | 69  | 130            |     |
|               | 1,2,3-Trichlorobenzene      | 20    | 19.0   | ug/L | 95  |     |      | 69  | 129            |     |

VOLATILE METHOD BLANK SUMMARY

Client ID

VX0925WBL01

Lab Name: Alliance

Contract: AECO15

Lab Code: ACE

SDG NO.: Q3128

Lab File ID: VX047797.D

Lab Sample ID: VX0925WBL01

Date Analyzed: 09/25/2025

Time Analyzed: 09:46

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA\_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| VX0925WBS01       | VX0925WBS01      | VX047798.D     | 09/25/2025       |
| BPOW6-2-20250916  | Q3128-07         | VX047810.D     | 09/25/2025       |
| BPOW6-10-20250916 | Q3128-08         | VX047811.D     | 09/25/2025       |
| BPOW6-11-20250916 | Q3128-09         | VX047812.D     | 09/25/2025       |
| BPOW6-8-20250916  | Q3128-10         | VX047813.D     | 09/25/2025       |
| BPOW6-7-20250917  | Q3128-11         | VX047814.D     | 09/25/2025       |
| BPOW6-6-20250917  | Q3128-12         | VX047815.D     | 09/25/2025       |
| BPOW6-5-20250917  | Q3128-13         | VX047816.D     | 09/25/2025       |

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

VOLATILE METHOD BLANK SUMMARY

Client ID

VX0925WBL02

Lab Name: Alliance

Contract: AECO15

Lab Code: ACE

SDG NO.: Q3128

Lab File ID: VX047826.D

Lab Sample ID: VX0925WBL02

Date Analyzed: 09/26/2025

Time Analyzed: 02:10

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA\_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO.   | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|---------------------|------------------|----------------|------------------|
| VX0925WBS02         | VX0925WBS02      | VX047827.D     | 09/26/2025       |
| BPOW6-4-20250916    | Q3128-04         | VX047839.D     | 09/26/2025       |
| BPOW6-9-20250916    | Q3128-05         | VX047840.D     | 09/26/2025       |
| BPOW6-3-20250916    | Q3128-06         | VX047841.D     | 09/26/2025       |
| TB07-20250912       | Q3128-14         | VX047842.D     | 09/26/2025       |
| BPOW6-1-20250916    | Q3128-01         | VX047843.D     | 09/26/2025       |
| BPOW6-1-20250916MS  | Q3128-02MS       | VX047844.D     | 09/26/2025       |
| BPOW6-1-20250916MSD | Q3128-03MSD      | VX047845.D     | 09/26/2025       |

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: VX047584.D  
Instrument ID: MSVOA\_X  
GC Column: DB-624UI ID: 0.18 (mm)

Contract: AECO15  
SDG NO.: Q3128  
BFB Injection Date: 09/16/2025  
BFB Injection Time: 08:56  
Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 20                   |
| 75  | 30.0 - 60.0% of mass 95            | 54                   |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7                    |
| 173 | Less than 2.0% of mass 174         | 0.7 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 67.3                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.4 ( 8.1 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 66.3 ( 98.6 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.3 ( 6.4 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| CLIENT ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|-----------|---------------|-------------|---------------|---------------|
| VSTDIC001 | VSTDIC001     | VX047585.D  | 09/16/2025    | 09:23         |
| VSTDIC005 | VSTDIC005     | VX047586.D  | 09/16/2025    | 10:16         |
| VSTDIC020 | VSTDIC020     | VX047587.D  | 09/16/2025    | 10:37         |
| VSTDIC050 | VSTDIC050     | VX047588.D  | 09/16/2025    | 10:58         |
| VSTDIC100 | VSTDIC100     | VX047589.D  | 09/16/2025    | 11:40         |
| VSTDIC150 | VSTDIC150     | VX047590.D  | 09/16/2025    | 12:01         |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: VX047794.D  
Instrument ID: MSVOA\_X  
GC Column: DB-624UI ID: 0.18 (mm)

Contract: AECO15  
SDG NO.: Q3128  
BFB Injection Date: 09/25/2025  
BFB Injection Time: 08:24  
Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 20.1                 |
| 75  | 30.0 - 60.0% of mass 95            | 52                   |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7                    |
| 173 | Less than 2.0% of mass 174         | 0.7 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 69.9                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.4 ( 7.8 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 67 ( 95.7 ) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 4.6 ( 6.9 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| CLIENT ID         | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|-------------------|---------------|-------------|---------------|---------------|
| VSTDCCC050        | VSTDCCC050    | VX047795.D  | 09/25/2025    | 08:56         |
| VX0925WBL01       | VX0925WBL01   | VX047797.D  | 09/25/2025    | 09:46         |
| VX0925WBS01       | VX0925WBS01   | VX047798.D  | 09/25/2025    | 10:13         |
| BPOW6-2-20250916  | Q3128-07      | VX047810.D  | 09/25/2025    | 14:35         |
| BPOW6-10-20250916 | Q3128-08      | VX047811.D  | 09/25/2025    | 14:56         |
| BPOW6-11-20250916 | Q3128-09      | VX047812.D  | 09/25/2025    | 15:17         |
| BPOW6-8-20250916  | Q3128-10      | VX047813.D  | 09/25/2025    | 15:38         |
| BPOW6-7-20250917  | Q3128-11      | VX047814.D  | 09/25/2025    | 15:59         |
| BPOW6-6-20250917  | Q3128-12      | VX047815.D  | 09/25/2025    | 16:21         |
| BPOW6-5-20250917  | Q3128-13      | VX047816.D  | 09/25/2025    | 16:42         |
| VSTDCCC050EC      | VSTDCCC050    | VX047823.D  | 09/25/2025    | 19:09         |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: AECO15

Lab Code: ACE

SDG NO.: Q3128

Lab File ID: VX047824.D

BFB Injection Date: 09/26/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 00:46

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 18.8                 |
| 75  | 30.0 - 60.0% of mass 95            | 51.3                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.4                  |
| 173 | Less than 2.0% of mass 174         | 0.4 ( 0.5 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 76.6                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.9 ( 7.7 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 73.5 ( 95.9 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.9 ( 6.6 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| CLIENT ID           | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---------------------|---------------|-------------|---------------|---------------|
| VSTDCCC050          | VSTDCCC050    | VX047825.D  | 09/26/2025    | 01:28         |
| VX0925WBL02         | VX0925WBL02   | VX047826.D  | 09/26/2025    | 02:10         |
| VX0925WBS02         | VX0925WBS02   | VX047827.D  | 09/26/2025    | 02:31         |
| BPOW6-4-20250916    | Q3128-04      | VX047839.D  | 09/26/2025    | 07:01         |
| BPOW6-9-20250916    | Q3128-05      | VX047840.D  | 09/26/2025    | 07:22         |
| BPOW6-3-20250916    | Q3128-06      | VX047841.D  | 09/26/2025    | 07:43         |
| TB07-20250912       | Q3128-14      | VX047842.D  | 09/26/2025    | 08:04         |
| BPOW6-1-20250916    | Q3128-01      | VX047843.D  | 09/26/2025    | 08:25         |
| BPOW6-1-20250916MS  | Q3128-02MS    | VX047844.D  | 09/26/2025    | 08:46         |
| BPOW6-1-20250916MSD | Q3128-03MSD   | VX047845.D  | 09/26/2025    | 09:07         |
| VSTDCCC050EC        | VSTDCCC050    | VX047846.D  | 09/26/2025    | 09:28         |

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO15  
Lab Code: ACE SDG NO.: Q3128  
Lab File ID: VX047795.D Date Analyzed: 09/25/2025  
Instrument ID: MSVOA\_X Time Analyzed: 08:56  
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

|                   | IS1<br>AREA # | RT #  | IS2<br>AREA # | RT #  | IS3<br>AREA # | RT #   |
|-------------------|---------------|-------|---------------|-------|---------------|--------|
| 12 HOUR STD       | 136107        | 5.53  | 245940        | 6.75  | 220262        | 10.04  |
| UPPER LIMIT       | 272214        | 6.032 | 491880        | 7.245 | 440524        | 10.537 |
| LOWER LIMIT       | 68053.5       | 5.032 | 122970        | 6.245 | 110131        | 9.537  |
| EPA SAMPLE NO.    |               |       |               |       |               |        |
| BPOW6-2-20250916  | 119164        | 5.54  | 254523        | 6.75  | 260449        | 10.04  |
| BPOW6-10-20250916 | 124352        | 5.54  | 260863        | 6.75  | 264166        | 10.04  |
| BPOW6-11-20250916 | 116305        | 5.54  | 248243        | 6.75  | 257163        | 10.04  |
| BPOW6-8-20250916  | 119014        | 5.54  | 249986        | 6.75  | 257664        | 10.04  |
| BPOW6-7-20250917  | 119857        | 5.54  | 249353        | 6.75  | 255198        | 10.04  |
| BPOW6-6-20250917  | 127711        | 5.54  | 269892        | 6.75  | 279053        | 10.04  |
| BPOW6-5-20250917  | 121834        | 5.54  | 260923        | 6.75  | 263550        | 10.04  |
| VX0925WBL01       | 117291        | 5.54  | 245721        | 6.75  | 251657        | 10.04  |
| VX0925WBS01       | 146604        | 5.54  | 268605        | 6.75  | 252515        | 10.04  |

IS1 = Pentafluorobenzene  
IS2 = 1,4-Difluorobenzene  
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area  
AREA LOWER LIMIT = -50% of internal standard area  
RT UPPER LIMIT = +0.50 minutes of internal standard RT  
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
\* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO15  
Lab Code: ACE SDG NO.: Q3128  
Lab File ID: VX047795.D Date Analyzed: 09/25/2025  
Instrument ID: MSVOA\_X Time Analyzed: 08:56  
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

|                   | IS4<br>AREA # | RT #   |  |  |  |  |
|-------------------|---------------|--------|--|--|--|--|
| 12 HOUR STD       | 107538        | 12.00€ |  |  |  |  |
| UPPER LIMIT       | 215076        | 12.50€ |  |  |  |  |
| LOWER LIMIT       | 53769         | 11.50€ |  |  |  |  |
| EPA SAMPLE NO.    |               |        |  |  |  |  |
| BPOW6-2-20250916  | 130810        | 12.01  |  |  |  |  |
| BPOW6-10-20250916 | 132252        | 12.01  |  |  |  |  |
| BPOW6-11-20250916 | 128330        | 12.01  |  |  |  |  |
| BPOW6-8-20250916  | 128316        | 12.01  |  |  |  |  |
| BPOW6-7-20250917  | 128055        | 12.01  |  |  |  |  |
| BPOW6-6-20250917  | 143881        | 12.01  |  |  |  |  |
| BPOW6-5-20250917  | 131658        | 12.01  |  |  |  |  |
| VX0925WBL01       | 126490        | 12.01  |  |  |  |  |
| VX0925WBS01       | 131521        | 12.01  |  |  |  |  |

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area  
AREA LOWER LIMIT = -50% of internal standard area  
RT UPPER LIMIT = +0.50 minutes of internal standard RT  
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
\* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO15  
Lab Code: ACE SDG NO.: Q3128  
Lab File ID: VX047825.D Date Analyzed: 09/26/2025  
Instrument ID: MSVOA\_X Time Analyzed: 01:28  
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

|                     | IS1<br>AREA # | RT #  | IS2<br>AREA # | RT #  | IS3<br>AREA # | RT #   |
|---------------------|---------------|-------|---------------|-------|---------------|--------|
| 12 HOUR STD         | 136987        | 5.54  | 247384        | 6.75  | 222999        | 10.04  |
| UPPER LIMIT         | 273974        | 6.038 | 494768        | 7.245 | 445998        | 10.537 |
| LOWER LIMIT         | 68493.5       | 5.038 | 123692        | 6.245 | 111500        | 9.537  |
| EPA SAMPLE NO.      |               |       |               |       |               |        |
| BPOW6-1-20250916    | 118010        | 5.54  | 250283        | 6.75  | 255095        | 10.04  |
| BPOW6-1-20250916MS  | 132069        | 5.54  | 246705        | 6.75  | 231070        | 10.04  |
| BPOW6-1-20250916MSD | 130228        | 5.54  | 242264        | 6.75  | 226841        | 10.04  |
| BPOW6-4-20250916    | 120108        | 5.54  | 253048        | 6.75  | 258299        | 10.04  |
| BPOW6-9-20250916    | 118685        | 5.54  | 250694        | 6.75  | 261456        | 10.04  |
| BPOW6-3-20250916    | 132775        | 5.54  | 283230        | 6.75  | 293419        | 10.04  |
| TB07-20250912       | 132283        | 5.54  | 276404        | 6.75  | 283292        | 10.04  |
| VX0925WBL02         | 121983        | 5.54  | 259174        | 6.75  | 269510        | 10.04  |
| VX0925WBS02         | 143765        | 5.54  | 265116        | 6.75  | 243871        | 10.04  |

IS1 = Pentafluorobenzene  
IS2 = 1,4-Difluorobenzene  
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area  
AREA LOWER LIMIT = -50% of internal standard area  
RT UPPER LIMIT = +0.50 minutes of internal standard RT  
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
\* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO15  
Lab Code: ACE SDG NO.: Q3128  
Lab File ID: VX047825.D Date Analyzed: 09/26/2025  
Instrument ID: MSVOA\_X Time Analyzed: 01:28  
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

|                     | IS4<br>AREA # | RT #   |  |  |  |  |
|---------------------|---------------|--------|--|--|--|--|
| 12 HOUR STD         | 110381        | 12.00€ |  |  |  |  |
| UPPER LIMIT         | 220762        | 12.50€ |  |  |  |  |
| LOWER LIMIT         | 55190.5       | 11.50€ |  |  |  |  |
| EPA SAMPLE NO.      |               |        |  |  |  |  |
| BPOW6-1-20250916    | 127833        | 12.01  |  |  |  |  |
| BPOW6-1-20250916MS  | 116018        | 12.01  |  |  |  |  |
| BPOW6-1-20250916MSD | 112665        | 12.01  |  |  |  |  |
| BPOW6-4-20250916    | 127208        | 12.01  |  |  |  |  |
| BPOW6-9-20250916    | 133160        | 12.01  |  |  |  |  |
| BPOW6-3-20250916    | 148155        | 12.01  |  |  |  |  |
| TB07-20250912       | 140911        | 12.01  |  |  |  |  |
| VX0925WBL02         | 138899        | 12.01  |  |  |  |  |
| VX0925WBS02         | 122300        | 12.01  |  |  |  |  |

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area  
AREA LOWER LIMIT = -50% of internal standard area  
RT UPPER LIMIT = +0.50 minutes of internal standard RT  
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
\* Values outside of QC limits.



# QC SAMPLE DATA

## Report of Analysis

|                    |                                               |           |                 |              |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: |              |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  |              |
| Client Sample ID:  | VX0925WBL01                                   |           | SDG No.:        | Q3128        |
| Lab Sample ID:     | VX0925WBL01                                   |           | Matrix:         | Water        |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                                               |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047797.D        | 1         | 09/25/25 09:46 | VX092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 3.80  | U         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                               |           |                 |              |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: |              |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  |              |
| Client Sample ID:  | VX0925WBL01                                   |           | SDG No.:        | Q3128        |
| Lab Sample ID:     | VX0925WBL01                                   |           | Matrix:         | Water        |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                                               |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047797.D        | 1         | 09/25/25 09:46 | VX092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 0.50   | U         | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.50   | U         | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 2.50   | U         | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 51.1   |           | 81 - 118 |      | 102%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 48.4   |           | 80 - 119 |      | 97%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 48.3   |           | 89 - 112 |      | 97%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 53.3   |           | 85 - 114 |      | 107%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 117000 | 5.538     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 246000 | 6.745     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 252000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 126000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                                               |           |                 |              |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: |              |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  |              |
| Client Sample ID:  | VX0925WBL01                                   |           | SDG No.:        | Q3128        |
| Lab Sample ID:     | VX0925WBL01                                   |           | Matrix:         | Water        |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                                               |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047797.D        | 1         | 09/25/25 09:46 | VX092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                               |           |                 |              |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: |              |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  |              |
| Client Sample ID:  | VX0925WBL02                                   |           | SDG No.:        | Q3128        |
| Lab Sample ID:     | VX0925WBL02                                   |           | Matrix:         | Water        |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                                               |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047826.D        | 1         | 09/26/25 02:10 | VX092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 3.80  | U         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                               |           |                 |              |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: |              |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  |              |
| Client Sample ID:  | VX0925WBL02                                   |           | SDG No.:        | Q3128        |
| Lab Sample ID:     | VX0925WBL02                                   |           | Matrix:         | Water        |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                                               |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047826.D        | 1         | 09/26/25 02:10 | VX092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 0.50   | U         | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.50   | U         | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 2.50   | U         | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 54.3   |           | 81 - 118 |      | 109%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 48.8   |           | 80 - 119 |      | 98%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 48.7   |           | 89 - 112 |      | 97%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 54.8   |           | 85 - 114 |      | 110%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 122000 | 5.538     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 259000 | 6.745     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 270000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 139000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                                               |           |                 |              |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: |              |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  |              |
| Client Sample ID:  | VX0925WBL02                                   |           | SDG No.:        | Q3128        |
| Lab Sample ID:     | VX0925WBL02                                   |           | Matrix:         | Water        |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                                               |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047826.D        | 1         | 09/26/25 02:10 | VX092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                               |           |                 |              |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: |              |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  |              |
| Client Sample ID:  | VX0925WBS01                                   |           | SDG No.:        | Q3128        |
| Lab Sample ID:     | VX0925WBS01                                   |           | Matrix:         | Water        |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                                               |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047798.D        | 1         | 09/25/25 10:13 | VX092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 22.1  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 20.6  |           | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 20.6  |           | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 20.8  |           | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 20.2  |           | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 19.8  |           | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 20.3  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 19.3  |           | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 96.4  |           | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 19.6  |           | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 20.0  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 22.6  |           | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 20.6  |           | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 20.2  |           | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 20.4  |           | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 19.2  |           | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 110   |           | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 18.2  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 20.3  |           | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 20.0  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 20.7  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 19.8  |           | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 17.8  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 19.9  |           | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 19.5  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 19.7  |           | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 20.1  |           | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 19.5  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 110   |           | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 20.0  |           | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: |              |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  |              |    |
| Client Sample ID:  | VX0925WBS01                                   |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | VX0925WBS01                                   |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047798.D        | 1         | 09/25/25 10:13 | VX092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 18.9   |           | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 19.3   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 21.0   |           | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 110    |           | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 20.5   |           | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 20.8   |           | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 18.7   |           | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 19.0   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 18.1   |           | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 37.6   |           | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 18.5   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 18.9   |           | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 19.6   |           | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 16.8   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 18.9   |           | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 17.5   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 17.8   |           | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 17.8   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 17.6   |           | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 16.2   |           | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 16.9   |           | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 53.3   |           | 81 - 118 |      | 107%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 52.0   |           | 80 - 119 |      | 104%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 50.2   |           | 89 - 112 |      | 100%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 53.1   |           | 85 - 114 |      | 106%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 147000 | 5.538     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 269000 | 6.745     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 253000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 132000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                                               |           |                 |              |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: |              |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  |              |
| Client Sample ID:  | VX0925WBS01                                   |           | SDG No.:        | Q3128        |
| Lab Sample ID:     | VX0925WBS01                                   |           | Matrix:         | Water        |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                                               |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047798.D        | 1         | 09/25/25 10:13 | VX092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                               |           |                 |              |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: |              |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  |              |
| Client Sample ID:  | VX0925WBS02                                   |           | SDG No.:        | Q3128        |
| Lab Sample ID:     | VX0925WBS02                                   |           | Matrix:         | Water        |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                                               |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047827.D        | 1         | 09/26/25 02:31 | VX092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 21.6  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 20.8  |           | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 20.6  |           | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 20.2  |           | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 20.6  |           | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 20.1  |           | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 19.7  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 20.6  |           | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 93.0  |           | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 19.8  |           | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 20.9  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 24.7  |           | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 21.6  |           | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 20.8  |           | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 21.0  |           | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 19.3  |           | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 110   |           | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 19.1  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 21.1  |           | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 20.3  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 21.6  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 20.5  |           | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 17.7  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 20.5  |           | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 19.9  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 20.1  |           | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 21.0  |           | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 20.6  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 120   |           | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 20.3  |           | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                               |           |                 |              |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: |              |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  |              |
| Client Sample ID:  | VX0925WBS02                                   |           | SDG No.:        | Q3128        |
| Lab Sample ID:     | VX0925WBS02                                   |           | Matrix:         | Water        |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                                               |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047827.D        | 1         | 09/26/25 02:31 | VX092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 18.5   |           | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 18.7   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 21.6   |           | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 110    |           | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 21.5   |           | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 22.5   |           | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 20.2   |           | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 19.8   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 19.0   |           | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 39.4   |           | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 19.5   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 19.7   |           | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 20.8   |           | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 18.5   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 21.2   |           | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 19.5   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 19.0   |           | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 19.7   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 19.5   |           | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 18.1   |           | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 19.0   |           | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 53.5   |           | 81 - 118 |      | 107%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 54.5   |           | 80 - 119 |      | 109%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 53.6   |           | 89 - 112 |      | 107%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 54.6   |           | 85 - 114 |      | 109%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 144000 | 5.538     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 265000 | 6.745     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 244000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 122000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                                               |           |                 |              |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: |              |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  |              |
| Client Sample ID:  | VX0925WBS02                                   |           | SDG No.:        | Q3128        |
| Lab Sample ID:     | VX0925WBS02                                   |           | Matrix:         | Water        |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                                               |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047827.D        | 1         | 09/26/25 02:31 | VX092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-1-20250916MS                            |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-02MS                                    |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047844.D        | 1         | 09/26/25 08:46 | VX092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 54.8  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 55.6  |           | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 57.3  |           | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 49.6  |           | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 55.0  |           | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 53.5  |           | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 50.3  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 54.6  |           | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 240   |           | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 55.0  |           | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 56.0  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 51.9  |           | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 56.0  |           | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 56.0  |           | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 55.9  |           | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 48.2  |           | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 290   |           | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 49.9  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 56.0  |           | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 55.8  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 56.8  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 53.8  |           | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 43.4  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 53.1  |           | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 52.0  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 52.0  |           | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 54.2  |           | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 54.2  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 290   |           | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 52.9  |           | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-1-20250916MS                            |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-02MS                                    |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047844.D        | 1         | 09/26/25 08:46 | VX092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 47.1   |           | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 46.3   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 55.5   |           | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 280    |           | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 55.8   |           | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 56.3   |           | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 46.9   |           | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 50.3   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 49.2   |           | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 99.6   |           | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 50.2   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 50.0   |           | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 52.0   |           | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 46.8   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 52.0   |           | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 46.8   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 46.3   |           | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 48.4   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 49.9   |           | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 45.2   |           | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 47.3   |           | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 55.4   |           | 81 - 118 |      | 111%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 54.1   |           | 80 - 119 |      | 108%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 51.7   |           | 89 - 112 |      | 103%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 52.9   |           | 85 - 114 |      | 106%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 132000 | 5.544     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 247000 | 6.751     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 231000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 116000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-1-20250916MS                            |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-02MS                                    |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047844.D        | 1         | 09/26/25 08:46 | VX092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-1-20250916MSD                           |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-03MSD                                   |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047845.D        | 1         | 09/26/25 09:07 | VX092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 51.3  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 50.3  |           | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 51.5  |           | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 48.2  |           | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 50.3  |           | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 49.2  |           | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 47.7  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 50.6  |           | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 230   |           | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 50.2  |           | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 52.3  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 47.4  |           | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 51.9  |           | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 51.5  |           | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 51.7  |           | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 45.8  |           | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 280   |           | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 45.9  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 52.3  |           | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 51.9  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 52.8  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 50.4  |           | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 42.0  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 50.3  |           | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 49.7  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 50.4  |           | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 51.3  |           | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 51.1  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 280   |           | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 50.5  |           | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-1-20250916MSD                           |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-03MSD                                   |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047845.D        | 1         | 09/26/25 09:07 | VX092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 46.0   |           | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 45.2   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 54.1   |           | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 280    |           | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 53.7   |           | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 55.4   |           | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 45.5   |           | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 48.5   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 47.7   |           | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 97.2   |           | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 49.0   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 48.5   |           | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 51.0   |           | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 45.6   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 51.6   |           | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 47.2   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 46.1   |           | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 48.3   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 50.6   |           | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 46.3   |           | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 47.7   |           | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 49.1   |           | 81 - 118 |      | 98%        | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 47.9   |           | 80 - 119 |      | 96%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 47.6   |           | 89 - 112 |      | 95%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 47.9   |           | 85 - 114 |      | 96%        | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 130000 | 5.538     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 242000 | 6.745     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 227000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 113000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                                               |           |                 |              |    |
|--------------------|-----------------------------------------------|-----------|-----------------|--------------|----|
| Client:            | AECOM Technical Services, Inc.                |           | Date Collected: | 09/16/25     |    |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |           | Date Received:  | 09/17/25     |    |
| Client Sample ID:  | BPOW6-1-20250916MSD                           |           | SDG No.:        | Q3128        |    |
| Lab Sample ID:     | Q3128-03MSD                                   |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                                               |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047845.D        | 1         | 09/26/25 09:07 | VX092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products



# CALIBRATION SUMMARY

# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: AECO15

Lab Code: ACE

SDG No.: Q3128

Instrument ID: MSVOA\_X

Calibration Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N

Calibration Time(s): 09:23 12:01

GC Column: DB-624UI ID: 0.18 (mm)

| LAB FILE ID:                   |        | RRF001 = VX047585.D |        | RRF005 = VX047586.D |        | RRF020 = VX047587.D |       |       |  |
|--------------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|--|
|                                |        | RRF050 = VX047588.D |        | RRF100 = VX047589.D |        | RRF150 = VX047590.D |       |       |  |
| COMPOUND                       | RRF001 | RRF005              | RRF020 | RRF050              | RRF100 | RRF150              | RRF   | % RSD |  |
| Dichlorodifluoromethane        | 0.447  | 0.575               | 0.582  | 0.501               | 0.510  | 0.492               | 0.518 | 10    |  |
| Chloromethane                  | 0.610  | 0.749               | 0.739  | 0.661               | 0.677  | 0.647               | 0.680 | 7.9   |  |
| Vinyl Chloride                 | 0.572  | 0.713               | 0.716  | 0.661               | 0.677  | 0.658               | 0.666 | 7.9   |  |
| Bromomethane                   |        | 0.493               | 0.451  | 0.424               | 0.423  | 0.321               | 0.422 | 15    |  |
| Chloroethane                   | 0.433  | 0.450               | 0.469  | 0.443               | 0.450  | 0.426               | 0.445 | 3.4   |  |
| Trichlorofluoromethane         | 0.865  | 1.033               | 1.038  | 0.995               | 1.018  | 0.986               | 0.989 | 6.5   |  |
| 1,1,2-Trichlorotrifluoroethane | 0.519  | 0.591               | 0.603  | 0.583               | 0.590  | 0.583               | 0.578 | 5.2   |  |
| 1,1-Dichloroethene             | 0.526  | 0.612               | 0.618  | 0.604               | 0.609  | 0.596               | 0.594 | 5.7   |  |
| Acetone                        | 0.343  | 0.416               | 0.400  | 0.317               | 0.302  | 0.299               | 0.346 | 14.7  |  |
| Carbon Disulfide               | 1.555  | 1.735               | 1.758  | 1.566               | 1.589  | 1.555               | 1.626 | 5.8   |  |
| Methyl tert-butyl Ether        | 1.884  | 2.238               | 2.221  | 2.247               | 2.212  | 2.209               | 2.169 | 6.5   |  |
| Methyl Acetate                 | 0.612  | 0.673               | 0.714  | 0.876               | 0.865  | 0.881               | 0.770 | 15.4  |  |
| Methylene Chloride             | 0.718  | 0.772               | 0.754  | 0.730               | 0.716  | 0.705               | 0.732 | 3.5   |  |
| trans-1,2-Dichloroethene       | 0.543  | 0.703               | 0.665  | 0.649               | 0.643  | 0.635               | 0.640 | 8.3   |  |
| 1,1-Dichloroethane             | 1.090  | 1.325               | 1.299  | 1.297               | 1.287  | 1.278               | 1.263 | 6.8   |  |
| Cyclohexane                    |        | 1.161               | 1.092  | 1.030               | 0.984  | 0.993               | 1.052 | 7.1   |  |
| 2-Butanone                     | 0.370  | 0.470               | 0.473  | 0.439               | 0.414  | 0.424               | 0.432 | 9     |  |
| Carbon Tetrachloride           | 0.482  | 0.574               | 0.555  | 0.539               | 0.526  | 0.518               | 0.532 | 6     |  |
| cis-1,2-Dichloroethene         | 0.698  | 0.806               | 0.803  | 0.808               | 0.787  | 0.797               | 0.783 | 5.4   |  |
| Bromochloromethane             | 0.457  | 0.607               | 0.450  | 0.577               | 0.587  | 0.630               | 0.551 | 14.2  |  |
| Chloroform                     | 1.034  | 1.364               | 1.366  | 1.323               | 1.282  | 1.288               | 1.276 | 9.7   |  |
| 1,1,1-Trichloroethane          | 0.901  | 1.123               | 1.141  | 1.127               | 1.100  | 1.103               | 1.082 | 8.3   |  |
| Methylcyclohexane              | 0.490  | 0.589               | 0.591  | 0.565               | 0.548  | 0.554               | 0.556 | 6.6   |  |
| Benzene                        | 1.330  | 1.577               | 1.566  | 1.523               | 1.473  | 1.459               | 1.488 | 6.1   |  |
| 1,2-Dichloroethane             | 0.513  | 0.595               | 0.600  | 0.582               | 0.554  | 0.553               | 0.566 | 5.8   |  |
| Trichloroethene                | 0.296  | 0.382               | 0.382  | 0.370               | 0.364  | 0.363               | 0.360 | 8.9   |  |
| 1,2-Dichloropropane            | 0.326  | 0.403               | 0.394  | 0.397               | 0.382  | 0.384               | 0.381 | 7.4   |  |
| Bromodichloromethane           | 0.461  | 0.599               | 0.601  | 0.607               | 0.579  | 0.586               | 0.572 | 9.7   |  |
| 4-Methyl-2-Pentanone           | 0.390  | 0.493               | 0.503  | 0.511               | 0.479  | 0.487               | 0.477 | 9.3   |  |
| Toluene                        | 0.841  | 0.967               | 0.960  | 0.940               | 0.897  | 0.897               | 0.917 | 5.2   |  |

\* Compounds with required minimum RRF and maximum %RSD values.  
All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: AECO15  
 Lab Code: ACE SDG No.: Q3128  
 Instrument ID: MSVOA\_X Calibration Date(s): 09/16/2025 09/16/2025  
 Heated Purge: (Y/N) N Calibration Time(s): 09:23 12:01  
 GC Column: DB-624UI ID: 0.18 (mm)

| LAB FILE ID:                |        |        |                     |        |        |                     |       |       |
|-----------------------------|--------|--------|---------------------|--------|--------|---------------------|-------|-------|
| RRF001 = VX047585.D         |        |        | RRF005 = VX047586.D |        |        | RRF020 = VX047587.D |       |       |
| RRF050 = VX047588.D         |        |        | RRF100 = VX047589.D |        |        | RRF150 = VX047590.D |       |       |
| COMPOUND                    | RRF001 | RRF005 | RRF020              | RRF050 | RRF100 | RRF150              | RRF   | % RSD |
| t-1,3-Dichloropropene       | 0.487  | 0.588  | 0.602               | 0.619  | 0.595  | 0.611               | 0.584 | 8.3   |
| cis-1,3-Dichloropropene     | 0.513  | 0.652  | 0.644               | 0.653  | 0.637  | 0.644               | 0.624 | 8.7   |
| 1,1,2-Trichloroethane       | 0.323  | 0.365  | 0.371               | 0.367  | 0.344  | 0.351               | 0.354 | 5.1   |
| 2-Hexanone                  | 0.274  | 0.374  | 0.372               | 0.360  | 0.333  | 0.343               | 0.343 | 10.8  |
| Dibromochloromethane        | 0.321  | 0.414  | 0.431               | 0.435  | 0.421  | 0.422               | 0.407 | 10.5  |
| 1,2-Dibromoethane           | 0.287  | 0.379  | 0.384               | 0.379  | 0.364  | 0.367               | 0.360 | 10.1  |
| Tetrachloroethene           | 0.299  | 0.354  | 0.342               | 0.326  | 0.320  | 0.314               | 0.326 | 6     |
| Chlorobenzene               | 0.998  | 1.182  | 1.177               | 1.178  | 1.139  | 1.142               | 1.136 | 6.2   |
| Ethyl Benzene               | 1.625  | 2.077  | 2.049               | 2.039  | 1.996  | 1.973               | 1.960 | 8.6   |
| m/p-Xylenes                 | 0.604  | 0.774  | 0.765               | 0.765  | 0.739  | 0.730               | 0.729 | 8.8   |
| o-Xylene                    | 0.576  | 0.734  | 0.734               | 0.749  | 0.721  | 0.719               | 0.706 | 9.1   |
| Styrene                     | 1.019  | 1.288  | 1.290               | 1.299  | 1.257  | 1.265               | 1.236 | 8.7   |
| Bromoform                   | 0.221  | 0.293  | 0.301               | 0.313  | 0.312  | 0.317               | 0.293 | 12.4  |
| Isopropylbenzene            | 3.124  | 3.907  | 3.986               | 4.047  | 3.907  | 3.839               | 3.801 | 8.9   |
| 1,1,2,2-Tetrachloroethane   | 0.965  | 1.182  | 1.203               | 1.225  | 1.152  | 1.173               | 1.150 | 8.2   |
| 1,3-Dichlorobenzene         | 1.462  | 1.800  | 1.829               | 1.817  | 1.768  | 1.758               | 1.739 | 8     |
| 1,4-Dichlorobenzene         | 1.570  | 1.890  | 1.868               | 1.832  | 1.767  | 1.783               | 1.785 | 6.5   |
| 1,2-Dichlorobenzene         | 1.359  | 1.691  | 1.757               | 1.746  | 1.696  | 1.692               | 1.657 | 9     |
| 1,2-Dibromo-3-Chloropropane | 0.173  | 0.218  | 0.242               | 0.254  | 0.250  | 0.260               | 0.233 | 14.1  |
| 1,2,4-Trichlorobenzene      | 0.831  | 1.099  | 1.107               | 1.156  | 1.140  | 1.126               | 1.077 | 11.3  |
| 1,2,3-Trichlorobenzene      | 0.753  | 0.986  | 1.031               | 1.088  | 1.078  | 1.073               | 1.002 | 12.7  |
| 1,2-Dichloroethane-d4       |        | 0.884  | 0.647               | 0.770  | 0.815  | 0.863               | 0.796 | 11.8  |
| Dibromofluoromethane        |        | 0.356  | 0.266               | 0.331  | 0.355  | 0.368               | 0.335 | 12.3  |
| Toluene-d8                  |        | 1.237  | 0.943               | 1.147  | 1.211  | 1.263               | 1.160 | 11.1  |
| 4-Bromofluorobenzene        |        | 0.478  | 0.360               | 0.427  | 0.452  | 0.484               | 0.440 | 11.4  |

\* Compounds with required minimum RRF and maximum %RSD values.  
 All other compounds must meet a minimum RRF of 0.010.  
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                              |
|---------------------|-------------------|------------------------|------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>AECO15</u>                |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3128</u>                 |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>09/25/2025 08:56</u>      |
| Lab File ID:        | <u>VX047795.D</u> | Init. Calib. Date(s):  | <u>09/16/2025 09/16/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>09:23 12:01</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                       | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|--------------------------------|-------|--------|------------|-------|-------|
| Dichlorodifluoromethane        | 0.518 | 0.627  |            | 21.04 | 20    |
| Chloromethane                  | 0.680 | 0.789  | 0.1        | 16.03 | 20    |
| Vinyl Chloride                 | 0.666 | 0.779  |            | 16.97 | 20    |
| Bromomethane                   | 0.422 | 0.471  |            | 11.61 | 20    |
| Chloroethane                   | 0.445 | 0.495  |            | 11.24 | 20    |
| Trichlorofluoromethane         | 0.989 | 1.083  |            | 9.51  | 20    |
| 1,1,2-Trichlorotrifluoroethane | 0.578 | 0.618  |            | 6.92  | 20    |
| 1,1-Dichloroethene             | 0.594 | 0.663  |            | 11.62 | 20    |
| Acetone                        | 0.346 | 0.336  |            | -2.89 | 20    |
| Carbon Disulfide               | 1.626 | 1.765  |            | 8.55  | 20    |
| Methyl tert-butyl Ether        | 2.169 | 2.414  |            | 11.3  | 20    |
| Methyl Acetate                 | 0.770 | 0.985  |            | 27.92 | 20    |
| Methylene Chloride             | 0.732 | 0.817  |            | 11.61 | 20    |
| trans-1,2-Dichloroethene       | 0.640 | 0.703  |            | 9.84  | 20    |
| 1,1-Dichloroethane             | 1.263 | 1.370  | 0.1        | 8.47  | 20    |
| Cyclohexane                    | 1.052 | 1.056  |            | 0.38  | 20    |
| 2-Butanone                     | 0.432 | 0.496  |            | 14.81 | 20    |
| Carbon Tetrachloride           | 0.532 | 0.538  |            | 1.13  | 20    |
| cis-1,2-Dichloroethene         | 0.783 | 0.854  |            | 9.07  | 20    |
| Bromochloromethane             | 0.551 | 0.621  |            | 12.7  | 20    |
| Chloroform                     | 1.276 | 1.421  |            | 11.36 | 20    |
| 1,1,1-Trichloroethane          | 1.082 | 1.142  |            | 5.55  | 20    |
| Methylcyclohexane              | 0.556 | 0.530  |            | -4.68 | 20    |
| Benzene                        | 1.488 | 1.598  |            | 7.39  | 20    |
| 1,2-Dichloroethane             | 0.566 | 0.594  |            | 4.95  | 20    |
| Trichloroethene                | 0.360 | 0.380  |            | 5.56  | 20    |
| 1,2-Dichloropropane            | 0.381 | 0.418  |            | 9.71  | 20    |
| Bromodichloromethane           | 0.572 | 0.613  |            | 7.17  | 20    |
| 4-Methyl-2-Pentanone           | 0.477 | 0.566  |            | 18.66 | 20    |
| Toluene                        | 0.917 | 0.962  |            | 4.91  | 20    |
| t-1,3-Dichloropropene          | 0.584 | 0.544  |            | -6.85 | 20    |
| cis-1,3-Dichloropropene        | 0.624 | 0.601  |            | -3.69 | 20    |
| 1,1,2-Trichloroethane          | 0.354 | 0.390  |            | 10.17 | 20    |
| 2-Hexanone                     | 0.343 | 0.392  |            | 14.29 | 20    |
| Dibromochloromethane           | 0.407 | 0.449  |            | 10.32 | 20    |
| 1,2-Dibromoethane              | 0.360 | 0.409  |            | 13.61 | 20    |
| Tetrachloroethene              | 0.326 | 0.353  |            | 8.28  | 20    |
| Chlorobenzene                  | 1.136 | 1.192  | 0.3        | 4.93  | 20    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                              |
|---------------------|-------------------|------------------------|------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>AECO15</u>                |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3128</u>                 |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>09/25/2025 08:56</u>      |
| Lab File ID:        | <u>VX047795.D</u> | Init. Calib. Date(s):  | <u>09/16/2025 09/16/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>09:23 12:01</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                    | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|-----------------------------|-------|--------|------------|-------|-------|
| Ethyl Benzene               | 1.960 | 2.012  |            | 2.65  | 20    |
| m/p-Xylenes                 | 0.729 | 0.757  |            | 3.84  | 20    |
| o-Xylene                    | 0.706 | 0.737  |            | 4.39  | 20    |
| Styrene                     | 1.236 | 1.303  |            | 5.42  | 20    |
| Bromoform                   | 0.293 | 0.318  | 0.1        | 8.53  | 20    |
| Isopropylbenzene            | 3.801 | 3.828  |            | 0.71  | 20    |
| 1,1,2,2-Tetrachloroethane   | 1.150 | 1.273  | 0.3        | 10.7  | 20    |
| 1,3-Dichlorobenzene         | 1.739 | 1.748  |            | 0.52  | 20    |
| 1,4-Dichlorobenzene         | 1.785 | 1.750  |            | -1.96 | 20    |
| 1,2-Dichlorobenzene         | 1.657 | 1.689  |            | 1.93  | 20    |
| 1,2-Dibromo-3-Chloropropane | 0.233 | 0.250  |            | 7.3   | 20    |
| 1,2,4-Trichlorobenzene      | 1.077 | 1.039  |            | -3.53 | 20    |
| 1,2,3-Trichlorobenzene      | 1.002 | 1.016  |            | 1.4   | 20    |
| 1,2-Dichloroethane-d4       | 0.796 | 0.817  |            | 2.64  | 20    |
| Dibromofluoromethane        | 0.335 | 0.351  |            | 4.78  | 20    |
| Toluene-d8                  | 1.160 | 1.182  |            | 1.9   | 20    |
| 4-Bromofluorobenzene        | 0.440 | 0.443  |            | 0.68  | 20    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                              |
|---------------------|-------------------|------------------------|------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>AECO15</u>                |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3128</u>                 |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>09/25/2025 19:09</u>      |
| Lab File ID:        | <u>VX047823.D</u> | Init. Calib. Date(s):  | <u>09/16/2025 09/16/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>09:23 12:01</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                       | RRF   | RRF050 | MIN RRF | %D     | MAX%D |
|--------------------------------|-------|--------|---------|--------|-------|
| Dichlorodifluoromethane        | 0.518 | 0.570  |         | 10.04  | 50    |
| Chloromethane                  | 0.680 | 0.706  | 0.1     | 3.82   | 50    |
| Vinyl Chloride                 | 0.666 | 0.715  |         | 7.36   | 50    |
| Bromomethane                   | 0.422 | 0.476  |         | 12.8   | 50    |
| Chloroethane                   | 0.445 | 0.468  |         | 5.17   | 50    |
| Trichlorofluoromethane         | 0.989 | 1.012  |         | 2.33   | 50    |
| 1,1,2-Trichlorotrifluoroethane | 0.578 | 0.582  |         | 0.69   | 50    |
| 1,1-Dichloroethene             | 0.594 | 0.611  |         | 2.86   | 50    |
| Acetone                        | 0.346 | 0.295  |         | -14.74 | 50    |
| Carbon Disulfide               | 1.626 | 1.666  |         | 2.46   | 50    |
| Methyl tert-butyl Ether        | 2.169 | 2.267  |         | 4.52   | 50    |
| Methyl Acetate                 | 0.770 | 0.897  |         | 16.49  | 50    |
| Methylene Chloride             | 0.732 | 0.760  |         | 3.83   | 50    |
| trans-1,2-Dichloroethene       | 0.640 | 0.669  |         | 4.53   | 50    |
| 1,1-Dichloroethane             | 1.263 | 1.314  | 0.1     | 4.04   | 50    |
| Cyclohexane                    | 1.052 | 1.017  |         | -3.33  | 50    |
| 2-Butanone                     | 0.432 | 0.457  |         | 5.79   | 50    |
| Carbon Tetrachloride           | 0.532 | 0.519  |         | -2.44  | 50    |
| cis-1,2-Dichloroethene         | 0.783 | 0.823  |         | 5.11   | 50    |
| Bromochloromethane             | 0.551 | 0.605  |         | 9.8    | 50    |
| Chloroform                     | 1.276 | 1.355  |         | 6.19   | 50    |
| 1,1,1-Trichloroethane          | 1.082 | 1.111  |         | 2.68   | 50    |
| Methylcyclohexane              | 0.556 | 0.527  |         | -5.22  | 50    |
| Benzene                        | 1.488 | 1.537  |         | 3.29   | 50    |
| 1,2-Dichloroethane             | 0.566 | 0.566  |         | 0      | 50    |
| Trichloroethene                | 0.360 | 0.370  |         | 2.78   | 50    |
| 1,2-Dichloropropane            | 0.381 | 0.403  |         | 5.77   | 50    |
| Bromodichloromethane           | 0.572 | 0.597  |         | 4.37   | 50    |
| 4-Methyl-2-Pentanone           | 0.477 | 0.541  |         | 13.42  | 50    |
| Toluene                        | 0.917 | 0.955  |         | 4.14   | 50    |
| t-1,3-Dichloropropene          | 0.584 | 0.574  |         | -1.71  | 50    |
| cis-1,3-Dichloropropene        | 0.624 | 0.627  |         | 0.48   | 50    |
| 1,1,2-Trichloroethane          | 0.354 | 0.385  |         | 8.76   | 50    |
| 2-Hexanone                     | 0.343 | 0.377  |         | 9.91   | 50    |
| Dibromochloromethane           | 0.407 | 0.444  |         | 9.09   | 50    |
| 1,2-Dibromoethane              | 0.360 | 0.402  |         | 11.67  | 50    |
| Tetrachloroethene              | 0.326 | 0.327  |         | 0.31   | 50    |
| Chlorobenzene                  | 1.136 | 1.165  | 0.3     | 2.55   | 50    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                              |
|---------------------|-------------------|------------------------|------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>AECO15</u>                |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3128</u>                 |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>09/25/2025 19:09</u>      |
| Lab File ID:        | <u>VX047823.D</u> | Init. Calib. Date(s):  | <u>09/16/2025 09/16/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>09:23 12:01</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                    | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|-----------------------------|-------|--------|------------|-------|-------|
| Ethyl Benzene               | 1.960 | 1.999  |            | 1.99  | 50    |
| m/p-Xylenes                 | 0.729 | 0.748  |            | 2.61  | 50    |
| o-Xylene                    | 0.706 | 0.733  |            | 3.82  | 50    |
| Styrene                     | 1.236 | 1.280  |            | 3.56  | 50    |
| Bromoform                   | 0.293 | 0.319  | 0.1        | 8.87  | 50    |
| Isopropylbenzene            | 3.801 | 3.759  |            | -1.11 | 50    |
| 1,1,2,2-Tetrachloroethane   | 1.150 | 1.240  | 0.3        | 7.83  | 50    |
| 1,3-Dichlorobenzene         | 1.739 | 1.729  |            | -0.57 | 50    |
| 1,4-Dichlorobenzene         | 1.785 | 1.757  |            | -1.57 | 50    |
| 1,2-Dichlorobenzene         | 1.657 | 1.693  |            | 2.17  | 50    |
| 1,2-Dibromo-3-Chloropropane | 0.233 | 0.237  |            | 1.72  | 50    |
| 1,2,4-Trichlorobenzene      | 1.077 | 1.045  |            | -2.97 | 50    |
| 1,2,3-Trichlorobenzene      | 1.002 | 1.018  |            | 1.6   | 50    |
| 1,2-Dichloroethane-d4       | 0.796 | 0.769  |            | -3.39 | 50    |
| Dibromofluoromethane        | 0.335 | 0.335  |            | 0     | 50    |
| Toluene-d8                  | 1.160 | 1.142  |            | -1.55 | 50    |
| 4-Bromofluorobenzene        | 0.440 | 0.431  |            | -2.05 | 50    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                                     |
|---------------------|-------------------|------------------------|-------------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>AECO15</u>                       |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3128</u>                        |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>09/26/2025</u> <u>01:28</u>      |
| Lab File ID:        | <u>VX047825.D</u> | Init. Calib. Date(s):  | <u>09/16/2025</u> <u>09/16/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>09:23</u> <u>12:01</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)                    |

| COMPOUND                       | RRF   | RRF050 | MIN RRF | %D     | MAX%D |
|--------------------------------|-------|--------|---------|--------|-------|
| Dichlorodifluoromethane        | 0.518 | 0.564  |         | 8.88   | 20    |
| Chloromethane                  | 0.680 | 0.683  | 0.1     | 0.44   | 20    |
| Vinyl Chloride                 | 0.666 | 0.692  |         | 3.9    | 20    |
| Bromomethane                   | 0.422 | 0.381  |         | -9.72  | 20    |
| Chloroethane                   | 0.445 | 0.437  |         | -1.8   | 20    |
| Trichlorofluoromethane         | 0.989 | 0.984  |         | -0.51  | 20    |
| 1,1,2-Trichlorotrifluoroethane | 0.578 | 0.573  |         | -0.87  | 20    |
| 1,1-Dichloroethene             | 0.594 | 0.601  |         | 1.18   | 20    |
| Acetone                        | 0.346 | 0.311  |         | -10.12 | 20    |
| Carbon Disulfide               | 1.626 | 1.681  |         | 3.38   | 20    |
| Methyl tert-butyl Ether        | 2.169 | 2.253  |         | 3.87   | 20    |
| Methyl Acetate                 | 0.770 | 0.935  |         | 21.43  | 20    |
| Methylene Chloride             | 0.732 | 0.749  |         | 2.32   | 20    |
| trans-1,2-Dichloroethene       | 0.640 | 0.660  |         | 3.13   | 20    |
| 1,1-Dichloroethane             | 1.263 | 1.302  | 0.1     | 3.09   | 20    |
| Cyclohexane                    | 1.052 | 1.000  |         | -4.94  | 20    |
| 2-Butanone                     | 0.432 | 0.473  |         | 9.49   | 20    |
| Carbon Tetrachloride           | 0.532 | 0.512  |         | -3.76  | 20    |
| cis-1,2-Dichloroethene         | 0.783 | 0.806  |         | 2.94   | 20    |
| Bromochloromethane             | 0.551 | 0.585  |         | 6.17   | 20    |
| Chloroform                     | 1.276 | 1.331  |         | 4.31   | 20    |
| 1,1,1-Trichloroethane          | 1.082 | 1.084  |         | 0.19   | 20    |
| Methylcyclohexane              | 0.556 | 0.521  |         | -6.3   | 20    |
| Benzene                        | 1.488 | 1.511  |         | 1.55   | 20    |
| 1,2-Dichloroethane             | 0.566 | 0.556  |         | -1.77  | 20    |
| Trichloroethene                | 0.360 | 0.364  |         | 1.11   | 20    |
| 1,2-Dichloropropane            | 0.381 | 0.399  |         | 4.72   | 20    |
| Bromodichloromethane           | 0.572 | 0.592  |         | 3.5    | 20    |
| 4-Methyl-2-Pentanone           | 0.477 | 0.550  |         | 15.3   | 20    |
| Toluene                        | 0.917 | 0.932  |         | 1.64   | 20    |
| t-1,3-Dichloropropene          | 0.584 | 0.564  |         | -3.42  | 20    |
| cis-1,3-Dichloropropene        | 0.624 | 0.599  |         | -4.01  | 20    |
| 1,1,2-Trichloroethane          | 0.354 | 0.378  |         | 6.78   | 20    |
| 2-Hexanone                     | 0.343 | 0.388  |         | 13.12  | 20    |
| Dibromochloromethane           | 0.407 | 0.446  |         | 9.58   | 20    |
| 1,2-Dibromoethane              | 0.360 | 0.396  |         | 10     | 20    |
| Tetrachloroethene              | 0.326 | 0.335  |         | 2.76   | 20    |
| Chlorobenzene                  | 1.136 | 1.147  | 0.3     | 0.97   | 20    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                              |
|---------------------|-------------------|------------------------|------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>AECO15</u>                |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3128</u>                 |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>09/26/2025 01:28</u>      |
| Lab File ID:        | <u>VX047825.D</u> | Init. Calib. Date(s):  | <u>09/16/2025 09/16/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>09:23 12:01</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                    | RRF   | RRF050 | MIN RRF | %D    | MAX%D |
|-----------------------------|-------|--------|---------|-------|-------|
| Ethyl Benzene               | 1.960 | 1.966  |         | 0.31  | 20    |
| m/p-Xylenes                 | 0.729 | 0.737  |         | 1.1   | 20    |
| o-Xylene                    | 0.706 | 0.722  |         | 2.27  | 20    |
| Styrene                     | 1.236 | 1.274  |         | 3.07  | 20    |
| Bromoform                   | 0.293 | 0.319  | 0.1     | 8.87  | 20    |
| Isopropylbenzene            | 3.801 | 3.659  |         | -3.74 | 20    |
| 1,1,2,2-Tetrachloroethane   | 1.150 | 1.237  | 0.3     | 7.57  | 20    |
| 1,3-Dichlorobenzene         | 1.739 | 1.702  |         | -2.13 | 20    |
| 1,4-Dichlorobenzene         | 1.785 | 1.726  |         | -3.31 | 20    |
| 1,2-Dichlorobenzene         | 1.657 | 1.670  |         | 0.79  | 20    |
| 1,2-Dibromo-3-Chloropropane | 0.233 | 0.253  |         | 8.58  | 20    |
| 1,2,4-Trichlorobenzene      | 1.077 | 1.031  |         | -4.27 | 20    |
| 1,2,3-Trichlorobenzene      | 1.002 | 1.021  |         | 1.9   | 20    |
| 1,2-Dichloroethane-d4       | 0.796 | 0.769  |         | -3.39 | 20    |
| Dibromofluoromethane        | 0.335 | 0.335  |         | 0     | 20    |
| Toluene-d8                  | 1.160 | 1.135  |         | -2.15 | 20    |
| 4-Bromofluorobenzene        | 0.440 | 0.436  |         | -0.91 | 20    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                                     |
|---------------------|-------------------|------------------------|-------------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>AECO15</u>                       |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3128</u>                        |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>09/26/2025</u> <u>09:28</u>      |
| Lab File ID:        | <u>VX047846.D</u> | Init. Calib. Date(s):  | <u>09/16/2025</u> <u>09/16/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>09:23</u> <u>12:01</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)                    |

| COMPOUND                       | RRF   | RRF050 | MIN RRF | %D    | MAX%D |
|--------------------------------|-------|--------|---------|-------|-------|
| Dichlorodifluoromethane        | 0.518 | 0.606  |         | 16.99 | 50    |
| Chloromethane                  | 0.680 | 0.741  | 0.1     | 8.97  | 50    |
| Vinyl Chloride                 | 0.666 | 0.758  |         | 13.81 | 50    |
| Bromomethane                   | 0.422 | 0.484  |         | 14.69 | 50    |
| Chloroethane                   | 0.445 | 0.501  |         | 12.58 | 50    |
| Trichlorofluoromethane         | 0.989 | 1.077  |         | 8.9   | 50    |
| 1,1,2-Trichlorotrifluoroethane | 0.578 | 0.638  |         | 10.38 | 50    |
| 1,1-Dichloroethene             | 0.594 | 0.672  |         | 13.13 | 50    |
| Acetone                        | 0.346 | 0.348  |         | 0.58  | 50    |
| Carbon Disulfide               | 1.626 | 1.770  |         | 8.86  | 50    |
| Methyl tert-butyl Ether        | 2.169 | 2.523  |         | 16.32 | 50    |
| Methyl Acetate                 | 0.770 | 1.045  |         | 35.71 | 50    |
| Methylene Chloride             | 0.732 | 0.842  |         | 15.03 | 50    |
| trans-1,2-Dichloroethene       | 0.640 | 0.723  |         | 12.97 | 50    |
| 1,1-Dichloroethane             | 1.263 | 1.439  | 0.1     | 13.94 | 50    |
| Cyclohexane                    | 1.052 | 1.095  |         | 4.09  | 50    |
| 2-Butanone                     | 0.432 | 0.519  |         | 20.14 | 50    |
| Carbon Tetrachloride           | 0.532 | 0.548  |         | 3.01  | 50    |
| cis-1,2-Dichloroethene         | 0.783 | 0.895  |         | 14.3  | 50    |
| Bromochloromethane             | 0.551 | 0.605  |         | 9.8   | 50    |
| Chloroform                     | 1.276 | 1.490  |         | 16.77 | 50    |
| 1,1,1-Trichloroethane          | 1.082 | 1.212  |         | 12.02 | 50    |
| Methylcyclohexane              | 0.556 | 0.546  |         | -1.8  | 50    |
| Benzene                        | 1.488 | 1.635  |         | 9.88  | 50    |
| 1,2-Dichloroethane             | 0.566 | 0.617  |         | 9.01  | 50    |
| Trichloroethene                | 0.360 | 0.393  |         | 9.17  | 50    |
| 1,2-Dichloropropane            | 0.381 | 0.434  |         | 13.91 | 50    |
| Bromodichloromethane           | 0.572 | 0.648  |         | 13.29 | 50    |
| 4-Methyl-2-Pentanone           | 0.477 | 0.597  |         | 25.16 | 50    |
| Toluene                        | 0.917 | 1.016  |         | 10.8  | 50    |
| t-1,3-Dichloropropene          | 0.584 | 0.586  |         | 0.34  | 50    |
| cis-1,3-Dichloropropene        | 0.624 | 0.630  |         | 0.96  | 50    |
| 1,1,2-Trichloroethane          | 0.354 | 0.418  |         | 18.08 | 50    |
| 2-Hexanone                     | 0.343 | 0.416  |         | 21.28 | 50    |
| Dibromochloromethane           | 0.407 | 0.487  |         | 19.66 | 50    |
| 1,2-Dibromoethane              | 0.360 | 0.431  |         | 19.72 | 50    |
| Tetrachloroethene              | 0.326 | 0.356  |         | 9.2   | 50    |
| Chlorobenzene                  | 1.136 | 1.232  | 0.3     | 8.45  | 50    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                                     |
|---------------------|-------------------|------------------------|-------------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>AECO15</u>                       |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3128</u>                        |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>09/26/2025</u> <u>09:28</u>      |
| Lab File ID:        | <u>VX047846.D</u> | Init. Calib. Date(s):  | <u>09/16/2025</u> <u>09/16/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>09:23</u> <u>12:01</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)                    |

| COMPOUND                    | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|-----------------------------|-------|--------|------------|-------|-------|
| Ethyl Benzene               | 1.960 | 2.082  |            | 6.22  | 50    |
| m/p-Xylenes                 | 0.729 | 0.787  |            | 7.96  | 50    |
| o-Xylene                    | 0.706 | 0.772  |            | 9.35  | 50    |
| Styrene                     | 1.236 | 1.375  |            | 11.25 | 50    |
| Bromoform                   | 0.293 | 0.341  | 0.1        | 16.38 | 50    |
| Isopropylbenzene            | 3.801 | 3.894  |            | 2.45  | 50    |
| 1,1,2,2-Tetrachloroethane   | 1.150 | 1.325  | 0.3        | 15.22 | 50    |
| 1,3-Dichlorobenzene         | 1.739 | 1.838  |            | 5.69  | 50    |
| 1,4-Dichlorobenzene         | 1.785 | 1.846  |            | 3.42  | 50    |
| 1,2-Dichlorobenzene         | 1.657 | 1.794  |            | 8.27  | 50    |
| 1,2-Dibromo-3-Chloropropane | 0.233 | 0.266  |            | 14.16 | 50    |
| 1,2,4-Trichlorobenzene      | 1.077 | 1.131  |            | 5.01  | 50    |
| 1,2,3-Trichlorobenzene      | 1.002 | 1.103  |            | 10.08 | 50    |
| 1,2-Dichloroethane-d4       | 0.796 | 0.855  |            | 7.41  | 50    |
| Dibromofluoromethane        | 0.335 | 0.359  |            | 7.16  | 50    |
| Toluene-d8                  | 1.160 | 1.223  |            | 5.43  | 50    |
| 4-Bromofluorobenzene        | 0.440 | 0.470  |            | 6.82  | 50    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.



# SHIPPING DOCUMENTS



CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: Resolution Consultants

ADDRESS:

CITY STATE: ZIP:

ATTENTION: Eleanor Vivadou

PHONE: FAX:

PROJECT NAME: NWLRP Bethpage

PROJECT NO.: 60731872 LOCATION: Bethpage, NY

PROJECT MANAGER: Eleanor Vivadou

e-mail: eleanor.vivadou@aecom.com

PHONE: FAX:

BILL TO: Eleanor Vivadou PO#:

ADDRESS: 27 Ellis Place

CITY Ossining STATE: NY ZIP: 10563

ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS\*

HARDCOPY (DATA PACKAGE): Standard DAYS\*

EDD: Standard DAYS\*

\*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)

☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP

☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B

+ Raw Data) ☐ Other

☐ EDD FORMAT

VOCs 8260  
522-PREC-140

PRESERVATIVES

COMMENTS

| ALLIANCE<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |      | # OF BOTTLES | PRESERVATIVES |   |  |  |  |  |  |  |  | COMMENTS |                                                       |                            |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|------|--------------|---------------|---|--|--|--|--|--|--|--|----------|-------------------------------------------------------|----------------------------|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME |              | A             | F |  |  |  |  |  |  |  |          | ← Specify Preservatives<br>A-HCl<br>B-HNO3<br>C-H2SO4 | D-NaOH<br>E-ICE<br>F-OTHER |
|                          |                                  |                  |                |      |                      |      |              |               |   |  |  |  |  |  |  |  |          |                                                       |                            |
| 1.                       | BPOW6-1-20250916                 | GW               |                | X    | 9/16                 | 1010 | 12           | 6             | 6 |  |  |  |  |  |  |  |          | ms/msd                                                |                            |
| 2.                       | BPOW6-4-20250916                 | GW               |                | X    | 9/16                 | 1225 | 4            | 2             | 2 |  |  |  |  |  |  |  |          |                                                       |                            |
| 3.                       | BPOW6-9-20250916                 | GW               |                | X    | 9/16                 | 1145 | 4            | 2             | 2 |  |  |  |  |  |  |  |          |                                                       |                            |
| 4.                       | BPOW6-3-20250916                 | GW               |                | X    | 9/16                 | 1240 | 4            | 2             | 2 |  |  |  |  |  |  |  |          |                                                       |                            |
| 5.                       | BPOW6-2-20250916                 | GW               |                | X    | 9/16                 | 1000 | 4            | 2             | 2 |  |  |  |  |  |  |  |          |                                                       |                            |
| 6.                       | BPOW6-10-20250916                | GW               |                | X    | 9/16                 | 1310 | 4            | 2             | 2 |  |  |  |  |  |  |  |          |                                                       |                            |
| 7.                       | BPOW6-11-20250916                | GW               |                | X    | 9/16                 | 1015 | 4            | 2             | 2 |  |  |  |  |  |  |  |          |                                                       |                            |
| 8.                       | BPOW6-8-20250916                 | GW               |                | X    | 9/16                 | 1005 | 4            | 2             | 2 |  |  |  |  |  |  |  |          |                                                       |                            |
| 9.                       | BPOW6-7-20250917                 | GW               |                | X    | 9/17                 | 0950 | 4            | 2             | 2 |  |  |  |  |  |  |  |          |                                                       |                            |
| 10.                      | BPOW6-6-20250917                 | GW               |                | X    | 9/17                 | 1035 | 4            | 2             | 2 |  |  |  |  |  |  |  |          |                                                       |                            |

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

|                          |                 |                |         |
|--------------------------|-----------------|----------------|---------|
| RELINQUISHED BY SAMPLER: | DATE/TIME: 1300 | RECEIVED BY:   | 1300    |
| 1. Josh Lowton           | 9-17-25         | 1. [Signature] | 9-17-25 |
| RELINQUISHED BY SAMPLER: | DATE/TIME:      | RECEIVED BY:   |         |
| 2. [Signature]           |                 | 2. [Signature] |         |
| RELINQUISHED BY SAMPLER: | DATE/TIME: 1622 | RECEIVED BY:   |         |
| 3. [Signature]           | 9-17-25         | 3. [Signature] |         |

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 28 °C

Comments: F-OTHER; NaSO3/NaHSO4

Page 3 of 4

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: Resolution Consultants

ADDRESS:

CITY STATE: ZIP:

ATTENTION: Eleanor Vivadou

PHONE: FAX:

PROJECT NAME: NWIRP Bethpage

PROJECT NO.: 60731872 LOCATION: Bethpage NY

PROJECT MANAGER: Eleanor Vivadou

e-mail: eleanor.vivadou@aecom.com

PHONE: FAX:

BILL TO: Eleanor Vivadou PO#:

ADDRESS: 27 Ellis Place

CITY Ossining STATE: NY ZIP: 10563

ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS\*

HARDCOPY (DATA PACKAGE): Standard DAYS\*

EDD: Standard DAYS\*

\*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)

☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP

☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B

+ Raw Data ☐ Other

☐ EDD FORMAT

Vocs 8260  
2522-PREC-14 Diatom

1 2 3 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

| ALLIANCE<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |      | # OF BOTTLES | PRESERVATIVES |   |  |  |  |  |  |  |  | COMMENTS |                                                       |                            |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|------|--------------|---------------|---|--|--|--|--|--|--|--|----------|-------------------------------------------------------|----------------------------|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME |              | A             | F |  |  |  |  |  |  |  |          | ← Specify Preservatives<br>A-HCl<br>B-HNO3<br>C-H2SO4 | D-NaOH<br>E-ICE<br>F-OTHER |
|                          |                                  |                  |                |      |                      |      |              |               |   |  |  |  |  |  |  |  |          |                                                       |                            |
| 1.                       | BPOW/G-5-20250917                | GW               |                | X    | 9/17                 | 1040 | 4            | 2             | 2 |  |  |  |  |  |  |  |          |                                                       |                            |
| 2.                       |                                  |                  |                |      |                      |      |              |               |   |  |  |  |  |  |  |  |          |                                                       |                            |
| 3.                       |                                  |                  |                |      |                      |      |              |               |   |  |  |  |  |  |  |  |          |                                                       |                            |
| 4.                       |                                  |                  |                |      |                      |      |              |               |   |  |  |  |  |  |  |  |          |                                                       |                            |
| 5.                       |                                  |                  |                |      |                      |      |              |               |   |  |  |  |  |  |  |  |          |                                                       |                            |
| 6.                       |                                  |                  |                |      |                      |      |              |               |   |  |  |  |  |  |  |  |          |                                                       |                            |
| 7.                       |                                  |                  |                |      |                      |      |              |               |   |  |  |  |  |  |  |  |          |                                                       |                            |
| 8.                       |                                  |                  |                |      |                      |      |              |               |   |  |  |  |  |  |  |  |          |                                                       |                            |
| 9.                       |                                  |                  |                |      |                      |      |              |               |   |  |  |  |  |  |  |  |          |                                                       |                            |
| 10.                      |                                  |                  |                |      |                      |      |              |               |   |  |  |  |  |  |  |  |          |                                                       |                            |

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

|                          |                 |                |                                                                                                                                                                   |
|--------------------------|-----------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER: | DATE/TIME: 1300 | RECEIVED BY:   | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP 20 °C |
| 1. Josh Linton           | 9-17-25         | 1. [Signature] | Comments: F-OTHER: Na2SO3/NaHSO4                                                                                                                                  |
| RELINQUISHED BY SAMPLER: | DATE/TIME:      | RECEIVED BY:   |                                                                                                                                                                   |
| 2. [Signature]           |                 | 2. [Signature] |                                                                                                                                                                   |
| RELINQUISHED BY SAMPLER: | DATE/TIME: 1620 | RECEIVED BY:   |                                                                                                                                                                   |
| 3. [Signature]           | 9-17-25         | 3. [Signature] |                                                                                                                                                                   |

### Laboratory Certification

| Certified By    | License No.      |
|-----------------|------------------|
|                 |                  |
| Connecticut     | PH-0830          |
|                 |                  |
| DOD ELAP (ANAB) | L2219            |
|                 |                  |
| Maine           | 2024021          |
|                 |                  |
| Maryland        | 296              |
|                 |                  |
| New Hampshire   | 255425           |
|                 |                  |
| New Jersey      | 20012            |
|                 |                  |
| New York        | 11376            |
|                 |                  |
| Pennsylvania    | 68-00548         |
|                 |                  |
| Soil Permit     | 525-24-234-08441 |
|                 |                  |
| Texas           | TX-C25-00189     |
|                 |                  |
| Virginia        | 460312           |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3128      AECO15  
Client Name : AECOM Technical Services  
Client Contact : Eleanor Vivadou  
Invoice Name : AECOM Technical Services  
Invoice Contact : Eleanor Vivadou

Order Date : 9/17/2025 1:13:00 PM  
Project Name : NAVFAC NWIRP Bethpage  
Receive DateTime : 9/17/2025 ~~12:00:00 AM~~  
4:22 PM  
Purchase Order :

Project Mgr :  
Report Type : ~~Results Only~~ NYS ASP B/  
EDD Type : EQUIS DOD  
Hard Copy Date :  
Date Signoff :

| LAB ID   | CLIENT ID         | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST         | TEST GROUP | METHOD   | FAX DATE     | DUE DATES |
|----------|-------------------|--------|-------------|-------------|--------------|------------|----------|--------------|-----------|
| Q3128-01 | BPOW6-1-20250916  | Water  | 09/16/2025  | 10:10       |              |            |          |              |           |
|          |                   |        |             |             | VOCMS Group1 |            | 8260-Low | 10 Bus. Days |           |
| Q3128-02 | Q3128-01MS        | Water  | 09/16/2025  | 10:10       |              |            |          |              |           |
|          |                   |        |             |             | VOCMS Group1 |            | 8260-Low | 10 Bus. Days |           |
| Q3128-03 | Q3128-01MSD       | Water  | 09/16/2025  | 10:10       |              |            |          |              |           |
|          |                   |        |             |             | VOCMS Group1 |            | 8260-Low | 10 Bus. Days |           |
| Q3128-04 | BPOW6-4-20250916  | Water  | 09/16/2025  | 12:25       |              |            |          |              |           |
|          |                   |        |             |             | VOCMS Group1 |            | 8260-Low | 10 Bus. Days |           |
| Q3128-05 | BPOW6-9-20250916  | Water  | 09/16/2025  | 11:45       |              |            |          |              |           |
|          |                   |        |             |             | VOCMS Group1 |            | 8260-Low | 10 Bus. Days |           |
| Q3128-06 | BPOW6-3-20250916  | Water  | 09/16/2025  | 12:40       |              |            |          |              |           |
|          |                   |        |             |             | VOCMS Group1 |            | 8260-Low | 10 Bus. Days |           |
| Q3128-07 | BPOW6-2-20250916  | Water  | 09/16/2025  | 10:00       |              |            |          |              |           |
|          |                   |        |             |             | VOCMS Group1 |            | 8260-Low | 10 Bus. Days |           |
| Q3128-08 | BPOW6-10-20250916 | Water  | 09/16/2025  | 13:10       |              |            |          |              |           |

## LOGIN REPORT/SAMPLE TRANSFER

|                                                |                                                            |                                                        |
|------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------|
| <b>Order ID :</b> Q3128      AECO15            | <b>Order Date :</b> 9/17/2025 1:13:00 PM                   | <b>Project Mgr :</b>                                   |
| <b>Client Name :</b> AECOM Technical Services  | <b>Project Name :</b> NAVFAC NWIRP Bethpage                | <b>Report Type :</b> <del>Results Only</del> NYS ASP B |
| <b>Client Contact :</b> Eleanor Vivadou        | <b>Receive DateTime :</b> 9/17/2025 <del>12:00:00 AM</del> | <b>EDD Type :</b> EQUIS                                |
| <b>Invoice Name :</b> AECOM Technical Services | <b>Purchase Order :</b> 4:22 PM                            | <b>Hard Copy Date :</b>                                |
| <b>Invoice Contact :</b> Eleanor Vivadou       |                                                            | <b>Date Signoff :</b>                                  |

| LAB ID   | CLIENT ID                       | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST         | TEST GROUP | METHOD   | FAX DATE     | DUE DATES |
|----------|---------------------------------|--------|-------------|-------------|--------------|------------|----------|--------------|-----------|
| Q3128-09 | BPOW6-11-20250916               | Water  | 09/16/2025  | 10:15       | VOCMS Group1 |            | 8260-Low | 10 Bus. Days |           |
| Q3128-10 | BPOW6-8-20250916                | Water  | 09/16/2025  | 10:05       | VOCMS Group1 |            | 8260-Low | 10 Bus. Days |           |
| Q3128-11 | BPOW6-7-20250917                | Water  | 09/17/2025  | 09:50       | VOCMS Group1 |            | 8260-Low | 10 Bus. Days |           |
| Q3128-12 | BPOW6-6-20250917                | Water  | 09/17/2025  | 10:35       | VOCMS Group1 |            | 8260-Low | 10 Bus. Days |           |
| Q3128-13 | BPOW6-4-20250917<br><i>5 Ju</i> | Water  | 09/17/2025  | 10:40       | VOCMS Group1 |            | 8260-Low | 10 Bus. Days |           |
| Q3128-14 | TB07-20250912                   | Water  | 09/12/2025  | 00:00       | VOCMS Group1 |            | 8260-Low | 10 Bus. Days |           |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q3128      AECO15      **Order Date :** 9/17/2025 1:13:00 PM      **Project Mgr :**  
**Client Name :** AECOM Technical Services      **Project Name :** NAVFAC NWIRP Bethpage      **Report Type :** Results Only NYS ASP B  
**Client Contact :** Eleanor Vivadou      **Receive DateTime :** 9/17/2025 ~~12:00:00 AM~~      **EDD Type :** EQUIS  
**Invoice Name :** AECOM Technical Services      **Purchase Order :** 4:22 PM      **Hard Copy Date :**  
**Invoice Contact :** Eleanor Vivadou      **Date Signoff :**

| LAB ID | CLIENT ID | MATRIX | SAMPLE<br>DATE | SAMPLE<br>TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE<br>DATES |
|--------|-----------|--------|----------------|----------------|------|------------|--------|----------|--------------|
|--------|-----------|--------|----------------|----------------|------|------------|--------|----------|--------------|

Relinquished By : 

Date / Time : 9/18/25 0825

Received By : 

Date / Time : 09/18/25 8:45

Storage Area : VOA Refridgerator Room