

ANALYTICAL RESULTS SUMMARY

METALS
SEMI-VOLATILE ORGANICS

PROJECT NAME : FORMER SCHLUMBERGER SITE PRINCETON NJ

JACOBS ENGINEERING GROUP, INC.

412 Mt. Kemble Ave

Downtown Building

Morristown, NJ - 07960

Phone No: 9732670555

ORDER ID : P3573

ATTENTION : John Ynfante



Laboratory Certification ID # 20012



| | |
|------------------------------------|----|
| 1) Signature Page | 3 |
| 2) Case Narrative | 5 |
| 2.1) SVOCMS Group2- Case Narrative | 5 |
| 2.2) Metals-AES- Case Narrative | 7 |
| 3) Qualifier Page | 8 |
| 4) QA Checklist | 10 |
| 5) SVOCMS Group2 Data | 11 |
| 6) Metals-AES Data | 21 |
| 7) Shipping Document | 29 |
| 7.1) CHAIN OF CUSTODY | 30 |
| 7.2) ROC | 32 |
| 7.3) Lab Certificate | 33 |

| |
|---|
| 1 |
| 2 |
| 3 |
| 4 |
| 5 |
| 6 |
| 7 |

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

1

Laboratory Name : Alliance Technical Group Client : JACOBS Engineering Group, Inc.
 Project Location : Princeton Junction, NJ Project Number : D3779922
 Laboratory Sample ID(s) : P3573 Sampling Date(s) : 08/09/2024
 List DKQP Methods Used (e.g., 8260,8270, et Cetra) **6010D,8270E**

| | | |
|----|---|---|
| 1 | For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 1A | Were the method specified handling, preservation, and holding time requirements met? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 1B | EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods) | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| 2 | Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 3 | Were samples received at an appropriate temperature (4±2° C)? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| 4 | Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 5 | a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| 6 | For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 7 | Are project-specific matrix spikes and/or laboratory duplicates included in this data set? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Data of Known Quality."

Cover Page

Order ID : P3573

Project ID : Former Schlumberger Site Princeton NJ

Client : JACOBS Engineering Group, Inc.

Lab Sample Number

P3573-01
P3573-02
P3573-03
P3573-04
P3573-05
P3573-06
P3573-07
P3573-08
P3573-09
P3573-10
P3573-12

Client Sample Number

S-858-KI-SO-2-2.5-080924
S-859-KI-SO-2-2.5-080924
S-859-KI-SO-2-2.5-080924-FD
S-860-KI-SO-2-2.5-080924
S-856-J-SO-1-1.5-080924
S-856-J-SO-1-1.5-080924-FD
S-856-J-SO-1.5-2-080924
S-856-J-SO-2-2.5-080924
S-856-J-SO-3-3.5-080924
S-856-J-SO-4-4.5-080924
EB-01-080924

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: 6/3/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

JACOBS Engineering Group, Inc.

Project Name: Former Schlumberger Site Princeton NJ

Project # N/A

Order ID # P3573

Test Name: SVOCMS Group2

A. Number of Samples and Date of Receipt:

10 Solid samples were received on 08/09/2024.

1 Water sample was received on 08/09/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Metals Group5 and SVOCMS Group2. This data package contains results for SVOCMS Group2.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GG. The analysis of SVOCMS Group2 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS {P3573-05MS} with File ID: BF139038.D recoveries met the requirements for all compounds except for Dibenzo(a,h)anthracene[67%], this compound did not meet the NJDKQP criteria but met the in-house criteria .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

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

The Initial Calibration met the requirements .

The Continuous Calibration File ID BF139113.D met the requirements except for Nitrobenzene-d5, The associated samples have no positive hit for this compound therefore no corrective action was taken.

The Tuning criteria met requirements.

E. Additional Comments:

This Data Package has been revised due to Client ID Changed as per Client Request.

The Form 6 is not included in the data package because the Initial Calibration was performed using 8 points.

The soil samples results are based on a dry weight basis.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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_____



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

CASE NARRATIVE

JACOBS Engineering Group, Inc.

Project Name: Former Schlumberger Site Princeton NJ

Project # N/A

Order ID # P3573

Test Name: Metals Group5

A. Number of Samples and Date of Receipt:

10 Solid samples were received on 08/09/2024.

1 Water sample was received on 08/09/2024.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Metals Group5 and SVOCMS Group2. This data package contains results for Metals Group5.

C. Analytical Techniques:

The analysis of Metals Group5 was based on method 6010D and digestion based on method 3050 (soils) and 3010 (waters).

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

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

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

This Data Package has been revised due to Client ID Changed as per Client Request.

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- INORGANIC

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

| | |
|-----------|---|
| J | Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL). |
| U | Indicates the analyte was analyzed for, but not detected. |
| ND | Indicates the analyte was analyzed for, but not detected |
| E | Indicates the reported value is estimated because of the presence of interference |
| M | Indicates Duplicate injection precision not met. |
| N | Indicates the spiked sample recovery is not within control limits. |
| S | Indicates the reported value was determined by the Method of Standard Addition (MSA). |
| * | Indicates that the duplicate analysis is not within control limits. |
| + | Indicates the correlation coefficient for the MSA is less than 0.995. |
| D | Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range. |
| M | Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed |
| OR | Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis. |
| Q | Indicates the LCS did not meet the control limits requirements |
| H | Sample Analysis Out Of Hold Time |

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 |
| U | 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. |
| ND | Indicates the analyte was analyzed for, but not detected |
| J | Indicates an estimated value. This flag is used: <ol style="list-style-type: none"> (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (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. |
| B | Indicates the analyte was found in the blank as well as the sample report as “12 B”. |
| E | Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis. |
| D | This flag identifies all compounds identified in an analysis at a secondary dilution factor. |
| P | 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”. |
| N | 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. |
| A | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product. |
| Q | Indicates the LCS did not meet the control limits requirements |

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P3573

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 Custody

✓

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: 06/03/2025



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

Hit Summary Sheet
SW-846

SDG No.: P3573
Client: JACOBS Engineering Group, Inc.

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|----------------------|-----------|--------|-----------|---------------|------|-----|-----|-------|
| Client ID : | | | | 0.000 | | | | |
| Total Svoc : | | | | | 0.00 | | | |
| Total Concentration: | | | | | 0.00 | | | |



SAMPLE DATA

Report of Analysis

| | | | |
|--------------------|---------------------------------------|-----------------|---------------|
| Client: | JACOBS Engineering Group, Inc. | Date Collected: | 08/09/24 |
| Project: | Former Schlumberger Site Princeton NJ | Date Received: | 08/09/24 |
| Client Sample ID: | S-856-J-SO-1-1.5-080924 | SDG No.: | P3573 |
| Lab Sample ID: | P3573-05 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 80.5 |
| Sample Wt/Vol: | 30.04 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group2 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| | | | | |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| BF139037.D | 1 | 08/13/24 08:30 | 08/15/24 22:47 | PB162688 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|---------------------|------------|-------------------|
| TARGETS | | | | | | |
| 56-55-3 | Benzo(a)anthracene | 100 | U | 100 | 210 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 120 | U | 120 | 210 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 100 | U | 100 | 210 | ug/Kg |
| SURROGATES | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 63.4 | | 30 (18) - 130 (107) | 63% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 62.3 | | 30 (20) - 130 (109) | 62% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 66.6 | | 30 (10) - 130 (105) | 67% | SPK: 100 |
| INTERNAL STANDARDS | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 42100 | 6.834 | | | |
| 1146-65-2 | Naphthalene-d8 | 174000 | 8.116 | | | |
| 15067-26-2 | Acenaphthene-d10 | 94500 | 9.869 | | | |
| 1517-22-2 | Phenanthrene-d10 | 153000 | 11.351 | | | |
| 1719-03-5 | Chrysene-d12 | 76300 | 13.998 | | | |
| 1520-96-3 | Perylene-d12 | 79100 | 15.463 | | | |

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: | JACOBS Engineering Group, Inc. | Date Collected: | 08/09/24 |
| Project: | Former Schlumberger Site Princeton NJ | Date Received: | 08/09/24 |
| Client Sample ID: | S-856-J-SO-1-1.5-080924-FD | SDG No.: | P3573 |
| Lab Sample ID: | P3573-06 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 82.5 |
| Sample Wt/Vol: | 30.03 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group2 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| | | | | |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| BP021522.D | 1 | 08/13/24 08:30 | 08/15/24 20:47 | PB162688 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|---------|-----------|---------------------|------------|-------------------|
| TARGETS | | | | | | |
| 56-55-3 | Benzo(a)anthracene | 97.7 | U | 97.7 | 210 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 110 | U | 110 | 210 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 98.3 | U | 98.3 | 210 | ug/Kg |
| SURROGATES | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 70.1 | | 30 (18) - 130 (107) | 70% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 60.3 | | 30 (20) - 130 (109) | 60% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 59.4 | | 30 (10) - 130 (105) | 59% | SPK: 100 |
| INTERNAL STANDARDS | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 408000 | 7.804 | | | |
| 1146-65-2 | Naphthalene-d8 | 1620000 | 10.587 | | | |
| 15067-26-2 | Acenaphthene-d10 | 1040000 | 14.451 | | | |
| 1517-22-2 | Phenanthrene-d10 | 2330000 | 17.245 | | | |
| 1719-03-5 | Chrysene-d12 | 2530000 | 21.698 | | | |
| 1520-96-3 | Perylene-d12 | 2810000 | 25.109 | | | |

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: | JACOBS Engineering Group, Inc. | Date Collected: | 08/09/24 |
| Project: | Former Schlumberger Site Princeton NJ | Date Received: | 08/09/24 |
| Client Sample ID: | S-856-J-SO-1.5-2-080924 | SDG No.: | P3573 |
| Lab Sample ID: | P3573-07 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 80.5 |
| Sample Wt/Vol: | 30.08 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group2 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| | | | | |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| BF139035.D | 1 | 08/13/24 08:30 | 08/15/24 21:45 | PB162688 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|---------------------|------------|-------------------|
| TARGETS | | | | | | |
| 56-55-3 | Benzo(a)anthracene | 100 | U | 100 | 210 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 120 | U | 120 | 210 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 100 | U | 100 | 210 | ug/Kg |
| SURROGATES | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 58.3 | | 30 (18) - 130 (107) | 58% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 57.1 | | 30 (20) - 130 (109) | 57% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 57.5 | | 30 (10) - 130 (105) | 58% | SPK: 100 |
| INTERNAL STANDARDS | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 41000 | 6.834 | | | |
| 1146-65-2 | Naphthalene-d8 | 162000 | 8.116 | | | |
| 15067-26-2 | Acenaphthene-d10 | 86100 | 9.869 | | | |
| 1517-22-2 | Phenanthrene-d10 | 139000 | 11.357 | | | |
| 1719-03-5 | Chrysene-d12 | 72100 | 13.998 | | | |
| 1520-96-3 | Perylene-d12 | 78000 | 15.463 | | | |

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: | JACOBS Engineering Group, Inc. | Date Collected: | 08/09/24 |
| Project: | Former Schlumberger Site Princeton NJ | Date Received: | 08/09/24 |
| Client Sample ID: | S-856-J-SO-2-2.5-080924 | SDG No.: | P3573 |
| Lab Sample ID: | P3573-08 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 80.2 |
| Sample Wt/Vol: | 30.1 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group2 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| | | | | |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| BP021523.D | 1 | 08/13/24 08:30 | 08/15/24 21:30 | PB162688 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|---------|-----------|---------------------|------------|-------------------|
| TARGETS | | | | | | |
| 56-55-3 | Benzo(a)anthracene | 100 | U | 100 | 210 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 120 | U | 120 | 210 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 100 | U | 100 | 210 | ug/Kg |
| SURROGATES | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 67.6 | | 30 (18) - 130 (107) | 68% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 56.4 | | 30 (20) - 130 (109) | 56% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 55.9 | | 30 (10) - 130 (105) | 56% | SPK: 100 |
| INTERNAL STANDARDS | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 388000 | 7.799 | | | |
| 1146-65-2 | Naphthalene-d8 | 1530000 | 10.587 | | | |
| 15067-26-2 | Acenaphthene-d10 | 963000 | 14.439 | | | |
| 1517-22-2 | Phenanthrene-d10 | 2110000 | 17.245 | | | |
| 1719-03-5 | Chrysene-d12 | 2260000 | 21.686 | | | |
| 1520-96-3 | Perylene-d12 | 2270000 | 25.074 | | | |

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: | JACOBS Engineering Group, Inc. | Date Collected: | 08/09/24 |
| Project: | Former Schlumberger Site Princeton NJ | Date Received: | 08/09/24 |
| Client Sample ID: | S-856-J-SO-3-3.5-080924 | SDG No.: | P3573 |
| Lab Sample ID: | P3573-09 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 80.7 |
| Sample Wt/Vol: | 30.08 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group2 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| | | | | |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| BF139036.D | 1 | 08/13/24 08:30 | 08/15/24 22:16 | PB162688 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|---------------------|------------|-------------------|
| TARGETS | | | | | | |
| 56-55-3 | Benzo(a)anthracene | 99.7 | U | 99.7 | 210 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 110 | U | 110 | 210 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 100 | U | 100 | 210 | ug/Kg |
| SURROGATES | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 68.3 | | 30 (18) - 130 (107) | 68% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 66.6 | | 30 (20) - 130 (109) | 67% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 69.4 | | 30 (10) - 130 (105) | 69% | SPK: 100 |
| INTERNAL STANDARDS | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 35800 | 6.833 | | | |
| 1146-65-2 | Naphthalene-d8 | 148000 | 8.116 | | | |
| 15067-26-2 | Acenaphthene-d10 | 79000 | 9.869 | | | |
| 1517-22-2 | Phenanthrene-d10 | 130000 | 11.351 | | | |
| 1719-03-5 | Chrysene-d12 | 65500 | 13.998 | | | |
| 1520-96-3 | Perylene-d12 | 67300 | 15.462 | | | |

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: | JACOBS Engineering Group, Inc. | Date Collected: | 08/09/24 |
| Project: | Former Schlumberger Site Princeton NJ | Date Received: | 08/09/24 |
| Client Sample ID: | S-856-J-SO-4-4.5-080924 | SDG No.: | P3573 |
| Lab Sample ID: | P3573-10 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 71.8 |
| Sample Wt/Vol: | 30.06 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group2 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| | | | | |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| BP021524.D | 1 | 08/13/24 08:30 | 08/15/24 22:14 | PB162688 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|---------|-----------|---------------------|------------|-------------------|
| TARGETS | | | | | | |
| 56-55-3 | Benzo(a)anthracene | 110 | U | 110 | 240 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 130 | U | 130 | 240 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 110 | U | 110 | 240 | ug/Kg |
| SURROGATES | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 62.2 | | 30 (18) - 130 (107) | 62% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 52.8 | | 30 (20) - 130 (109) | 53% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 49.3 | | 30 (10) - 130 (105) | 49% | SPK: 100 |
| INTERNAL STANDARDS | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 358000 | 7.804 | | | |
| 1146-65-2 | Naphthalene-d8 | 1360000 | 10.587 | | | |
| 15067-26-2 | Acenaphthene-d10 | 799000 | 14.439 | | | |
| 1517-22-2 | Phenanthrene-d10 | 1710000 | 17.227 | | | |
| 1719-03-5 | Chrysene-d12 | 1750000 | 21.668 | | | |
| 1520-96-3 | Perylene-d12 | 2080000 | 25.08 | | | |

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: | JACOBS Engineering Group, Inc. | Date Collected: | 08/09/24 |
| Project: | Former Schlumberger Site Princeton NJ | Date Received: | 08/09/24 |
| Client Sample ID: | EB-01-080924 | SDG No.: | P3573 |
| Lab Sample ID: | P3573-12 | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group2 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| | | | | |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| BP021517.D | 1 | 08/13/24 08:33 | 08/15/24 17:09 | PB162687 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---------------------------|------------------------|---------|-----------|---------------------|------------|----------|
| TARGETS | | | | | | |
| 56-55-3 | Benzo(a)anthracene | 0.94 | U | 0.94 | 5.00 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 1.70 | U | 1.70 | 5.00 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 1.20 | U | 1.20 | 5.00 | ug/L |
| SURROGATES | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 99.7 | | 30 (49) - 130 (133) | 100% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 81.0 | | 30 (52) - 130 (132) | 81% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 96.6 | | 30 (48) - 130 (125) | 97% | SPK: 100 |
| INTERNAL STANDARDS | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 407000 | 7.799 | | | |
| 1146-65-2 | Naphthalene-d8 | 1610000 | 10.581 | | | |
| 15067-26-2 | Acenaphthene-d10 | 1030000 | 14.44 | | | |
| 1517-22-2 | Phenanthrene-d10 | 2150000 | 17.245 | | | |
| 1719-03-5 | Chrysene-d12 | 2220000 | 21.692 | | | |
| 1520-96-3 | Perylene-d12 | 2140000 | 25.08 | | | |

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

LAB CHRONICLE

| | | | |
|-----------------|--------------------------------|-------------------|---------------------------------------|
| OrderID: | P3573 | OrderDate: | 8/12/2024 9:50:00 AM |
| Client: | JACOBS Engineering Group, Inc. | Project: | Former Schlumberger Site Princeton NJ |
| Contact: | John Ynfante | Location: | D11 |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|-----------------|--|--------------|---------------|--------|-----------------|-----------|-----------|-----------------|
| P3573-05 | S-856-J-SO-1-1.5-080 924 | SOIL | | | 08/09/24 | | | 08/09/24 |
| | | | SVOCMS Group2 | 8270E | | 08/13/24 | 08/15/24 | |
| P3573-06 | S-856-J-SO-1-1.5-080 924-FD | SOIL | | | 08/09/24 | | | 08/09/24 |
| | | | SVOCMS Group2 | 8270E | | 08/13/24 | 08/15/24 | |
| P3573-07 | S-856-J-SO-1.5-2-080 924 | SOIL | | | 08/09/24 | | | 08/09/24 |
| | | | SVOCMS Group2 | 8270E | | 08/13/24 | 08/15/24 | |
| P3573-08 | S-856-J-SO-2-2.5-080 924 | SOIL | | | 08/09/24 | | | 08/09/24 |
| | | | SVOCMS Group2 | 8270E | | 08/13/24 | 08/15/24 | |
| P3573-09 | S-856-J-SO-3-3.5-080 924 | SOIL | | | 08/09/24 | | | 08/09/24 |
| | | | SVOCMS Group2 | 8270E | | 08/13/24 | 08/15/24 | |
| P3573-10 | S-856-J-SO-4-4.5-080 924 | SOIL | | | 08/09/24 | | | 08/09/24 |
| | | | SVOCMS Group2 | 8270E | | 08/13/24 | 08/15/24 | |
| P3573-12 | EB-01-080924 | Water | | | 08/09/24 | | | 08/09/24 |
| | | | SVOCMS Group2 | 8270E | | 08/13/24 | 08/15/24 | |

Hit Summary Sheet
SW-846

| | | | |
|-----------------|--------------------------------|--------------------|---------------------------------------|
| SDG No.: | P3573 | Order ID: | P3573 |
| Client: | JACOBS Engineering Group, Inc. | Project ID: | Former Schlumberger Site Princeton NJ |

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|--------------------------------|---|--------|-----------|---------------|---|-------|------|-------|
| Client ID : P3573-01 | S-858-KI-SO-2-2.5-080924 S-858-KI-SO-2-2.5-080924 | SOIL | Silver | 2.04 | | 0.051 | 0.49 | mg/Kg |
| Client ID : P3573-02 | S-859-KI-SO-2-2.5-080924 S-859-KI-SO-2-2.5-080924 | SOIL | Silver | 1.81 | | 0.058 | 0.56 | mg/Kg |
| Client ID : P3573-03 | S-859-KI-SO-2-2.5-080924-FD S-859-KI-SO-2-2.5-080924-FD | SOIL | Silver | 3.64 | | 0.052 | 0.50 | mg/Kg |
| Client ID : P3573-04 | S-860-KI-SO-2-2.5-080924 S-860-KI-SO-2-2.5-080924 | SOIL | Silver | 2.68 | | 0.059 | 0.57 | mg/Kg |



SAMPLE DATA

Report of Analysis

| | | | |
|-------------------|---------------------------------------|-----------------|----------|
| Client: | JACOBS Engineering Group, Inc. | Date Collected: | 08/09/24 |
| Project: | Former Schlumberger Site Princeton NJ | Date Received: | 08/09/24 |
| Client Sample ID: | S-858-KI-SO-2-2.5-080924 | SDG No.: | P3573 |
| Lab Sample ID: | P3573-01 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 82.5 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|-------|------|------------|-------------------|----------------|-----------|----------|-----------|
| 7440-22-4 | Silver | 2.04 | 1 | 0.051 | 0.49 | mg/Kg | 08/14/24 11:00 | 08/23/24 19:56 | 6010D | SW3050 | |

| | | | | |
|---------------|---------------|-----------------|------------|--------|
| Color Before: | Brown | Clarity Before: | Texture: | Medium |
| Color After: | Yellow | Clarity After: | Artifacts: | No |
| Comments: | Metals Group5 | | | |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

| | | | |
|-------------------|---------------------------------------|-----------------|----------|
| Client: | JACOBS Engineering Group, Inc. | Date Collected: | 08/09/24 |
| Project: | Former Schlumberger Site Princeton NJ | Date Received: | 08/09/24 |
| Client Sample ID: | S-859-KI-SO-2-2.5-080924 | SDG No.: | P3573 |
| Lab Sample ID: | P3573-02 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 83.1 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|-------|------------|-------------------|----------------|----------------|----------|-----------|
| 7440-22-4 | Silver | 1.81 | | 1 | 0.058 | 0.56 | mg/Kg | 08/14/24 11:00 | 08/23/24 20:00 | 6010D | SW3050 |

| | | | | |
|---------------|---------------|-----------------|------------|--------|
| Color Before: | Brown | Clarity Before: | Texture: | Medium |
| Color After: | Yellow | Clarity After: | Artifacts: | No |
| Comments: | Metals Group5 | | | |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

| | | | |
|-------------------|---------------------------------------|-----------------|----------|
| Client: | JACOBS Engineering Group, Inc. | Date Collected: | 08/09/24 |
| Project: | Former Schlumberger Site Princeton NJ | Date Received: | 08/09/24 |
| Client Sample ID: | S-859-KI-SO-2-2.5-080924-FD | SDG No.: | P3573 |
| Lab Sample ID: | P3573-03 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 83.1 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|-------|------------|-------------------|----------------|----------------|----------|-----------|
| 7440-22-4 | Silver | 3.64 | | 1 | 0.052 | 0.50 | mg/Kg | 08/14/24 11:00 | 08/23/24 20:04 | 6010D | SW3050 |

| | | | | |
|---------------|---------------|-----------------|------------|--------|
| Color Before: | Brown | Clarity Before: | Texture: | Medium |
| Color After: | Yellow | Clarity After: | Artifacts: | No |
| Comments: | Metals Group5 | | | |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

| | | | |
|-------------------|---------------------------------------|-----------------|----------|
| Client: | JACOBS Engineering Group, Inc. | Date Collected: | 08/09/24 |
| Project: | Former Schlumberger Site Princeton NJ | Date Received: | 08/09/24 |
| Client Sample ID: | S-860-KI-SO-2-2.5-080924 | SDG No.: | P3573 |
| Lab Sample ID: | P3573-04 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 84.2 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|-------|------------|-------------------|----------------|----------------|----------|-----------|
| 7440-22-4 | Silver | 2.68 | | 1 | 0.059 | 0.57 | mg/Kg | 08/14/24 11:00 | 08/23/24 20:08 | 6010D | SW3050 |

| | | | | |
|---------------|---------------|-----------------|------------|--------|
| Color Before: | Brown | Clarity Before: | Texture: | Medium |
| Color After: | Yellow | Clarity After: | Artifacts: | No |
| Comments: | Metals Group5 | | | |

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits

Report of Analysis

| | | | |
|-------------------|---------------------------------------|-----------------|----------|
| Client: | JACOBS Engineering Group, Inc. | Date Collected: | 08/09/24 |
| Project: | Former Schlumberger Site Princeton NJ | Date Received: | 08/09/24 |
| Client Sample ID: | EB-01-080924 | SDG No.: | P3573 |
| Lab Sample ID: | P3573-12 | Matrix: | Water |
| Level (low/med): | low | % Solid: | 0 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|------|------------|-------|----------------|----------------|----------|-----------|
| 7440-22-4 | Silver | 0.58 | U | 1 | 0.58 | 5.00 | ug/L | 08/14/24 11:10 | 08/23/24 18:49 | 6010D | SW3010 |

| | | | | |
|---------------|---------------|-----------------|-------|------------|
| Color Before: | Colorless | Clarity Before: | Clear | Texture: |
| Color After: | Colorless | Clarity After: | N/A | Artifacts: |
| Comments: | Metals Group5 | | | |

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits

LAB CHRONICLE

| | | | |
|-----------------|--------------------------------|-------------------|---------------------------------------|
| OrderID: | P3573 | OrderDate: | 8/12/2024 9:50:00 AM |
| Client: | JACOBS Engineering Group, Inc. | Project: | Former Schlumberger Site Princeton NJ |
| Contact: | John Ynfante | Location: | D11 |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|-----------------|---|--------------|---------------|--------|-----------------|-----------|-----------|-----------------|
| P3573-01 | S-858-KI-SO-2-2.5-08 0924 | SOIL | | | 08/09/24 | | | 08/09/24 |
| | | | Metals Group5 | 6010D | | 08/14/24 | 08/23/24 | |
| P3573-02 | S-859-KI-SO-2-2.5-08 0924 | SOIL | | | 08/09/24 | | | 08/09/24 |
| | | | Metals Group5 | 6010D | | 08/14/24 | 08/23/24 | |
| P3573-03 | S-859-KI-SO-2-2.5-08 0924-FD | SOIL | | | 08/09/24 | | | 08/09/24 |
| | | | Metals Group5 | 6010D | | 08/14/24 | 08/23/24 | |
| P3573-04 | S-860-KI-SO-2-2.5-08 0924 | SOIL | | | 08/09/24 | | | 08/09/24 |
| | | | Metals Group5 | 6010D | | 08/14/24 | 08/23/24 | |
| P3573-12 | EB-01-080924 | Water | | | 08/09/24 | | | 08/09/24 |
| | | | Metals Group5 | 6010D | | 08/14/24 | 08/23/24 | |



SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number

P3573

2041339

7

7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Jacobs
ADDRESS: 412 Mt Kemble Ave Suite #100
CITY: Ministown STATE: NJ ZIP: 07960
ATTENTION: John Yank
PHONE: (281) 414-1714 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: STC PTC
PROJECT NO.: D3774922 LOCATION: Princeton Junction
PROJECT MANAGER: Mary Murphy
e-mail: Mary.Murphy@Jacobs.com
PHONE: (261) 936-0556 FAX:

CLIENT BILLING INFORMATION

BILL TO: Mary Murphy PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard TAT DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

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

Ag PAH

1 2 3 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

| CHEMTECH SAMPLE ID | PROJECT SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE | | SAMPLE COLLECTION | | # OF BOTTLES | | | | | | | | | | ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|------|--------------|---|---|--|--|--|--|--|--|--|--|
| | | | COMP | GRAB | DATE | TIME | | E | E | | | | | | | | |
| 1. | S-858-K1-SO-2-2.5-080924 | SO | X | | 8-9-24 | 0850 | 1 | 1 | | | | | | | | | Hold pending analysis of smaller sample |
| 2. | S-859-K1-SO-2-2.5-080924 | SO | X | | 8-9-24 | 0930 | 1 | 1 | | | | | | | | | |
| 3. | S-859-K1-SO-2-2.5-080924-FD | SO | X | | 8-9-24 | 0935 | 1 | 1 | | | | | | | | | |
| 4. | S-860-K1-SO-2-2.5-080924 | SO | X | | 8-9-24 | 1000 | 1 | 1 | | | | | | | | | |
| 5. | S-856-J-SO-1-1.5-080924 | SO | X | | 8-9-24 | 1100 | 1 | | 1 | | | | | | | | Extract and hold pending analysis |
| 6. | S-856-J-SO-1-1.5-080924-FD | SO | X | | 8-9-24 | 1105 | 1 | | 1 | | | | | | | | |
| 7. | S-856-J-SO-1.5-2-080924 | SO | X | | 8-9-24 | 1110 | 1 | | 1 | | | | | | | | |
| 8. | S-856-J-SO-2-2.5-080924 | SO | X | | 8-9-24 | 1115 | 1 | | 1 | | | | | | | | |
| 9. | S-856-J-SO-3-3.5-080924 | SO | X | | 8-9-24 | 1120 | 1 | | 1 | | | | | | | | |
| 10. | S-856-J-SO-4-4.5-080924 | SO | X | | 8-9-24 | 1135 | 1 | | 1 | | | | | | | | |

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

| | | |
|---|----------------------------------|------------------------------------|
| RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u> | DATE/TIME: <u>8-9-24 1620</u> | RECEIVED BY: <u>[Signature]</u> |
| RELINQUISHED BY SAMPLER: 2. <u></u> | DATE/TIME: <u></u> | RECEIVED BY: <u></u> |
| RELINQUISHED BY SAMPLER: 3. <u></u> | DATE/TIME: <u></u> | RECEIVED BY: <u></u> |

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.5°C
Comments: The following PAHs are to be reported only for: Benzo(a)anthracene, Benzo(a)pyrene, Dibenzo(a,h)anthracene
Page 1 of 2
CLIENT: ☐ Hand Delivered ☐ Other:
CHEMTECH: ☐ Picked Up ☐ Field Sampling
Shipment Complete ☐ YES ☐ NO

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. **P3573**
QUOTE NO. **P3573**
COC Number **2041310**

7
7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Jacobs
ADDRESS: 412 Mt Kemble Ave Suite H100
CITY: Morrisstown STATE: NJ ZIP: 07960
ATTENTION: John Yinfan
PHONE: (281) 414-1719 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: STC PTC
PROJECT NO.: D3779922 LOCATION: Princeton Junction
PROJECT MANAGER: Mary Murphy
e-mail: Mary.Murphy@Jacobs.com
PHONE: (201) 936-0586 FAX:

CLIENT BILLING INFORMATION

BILL TO: Mary Murphy PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard TAT DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

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

PAHs
Ag

| CHEMTECH SAMPLE ID | PROJECT SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE | | SAMPLE COLLECTION | | # OF BOTTLES | PRESERVATIVES | | | | | | | | | COMMENTS | | |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|------|--------------|---------------|-----|--|--|--|--|--|--|--|----------|---|----------------------------|
| | | | COMP | GRAB | DATE | TIME | | E | E/B | | | | | | | | | ← Specify Preservatives A-HCl B-HNO3 C-H2SO4 | D-NaOH E-ICE F-OTHER |
| | | | | | | | | | | | | | | | | | | | |
| 1. | EB-01-080724 | DI | | X | 8-9-24 | 1300 | 3 | 2 | 1 | | | | | | | | | | |
| 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: 1. <u>[Signature]</u> | DATE/TIME: <u>8-9-24 1620</u> | RECEIVED BY: 1. <u>[Signature]</u> | Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <u>35°C</u> |
| RELINQUISHED BY SAMPLER: 2. | DATE/TIME: | RECEIVED BY: 2. | Comments: <u>The following PAHs are to be reported only for: Benzo(a)anthracene, Benzo(a)pyrene, DiBenzo(a,h)anthracene</u> |
| RELINQUISHED BY SAMPLER: 3. | DATE/TIME: | RECEIVED BY: 3. | |

Page 2 of 2

CLIENT: ☐ Hand Delivered ☐ Other
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete
☐ YES ☐ NO

From: Ynfante, John <John.Ynfante@jacobs.com>
Sent: Friday, May 30, 2025 7:57 PM
To: Yazmeen Gomez
Subject: another sample ID correction - in P3475 and P3573

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Yazmeen,

It was also pointed out to me that SDGs P3475 and P3573 logged in soil samples with “S0” (number zero) in the ID instead of “SO” (letter O). Can you resubmit those files with the “SO” in the sample IDs which indicates that they are soil samples in our database. Thanks.

John Ynfante
Jacobs
Chemist
281-414-1719 mobile
John.Ynfante@jacobs.com
www.jacobs.com

NOTICE - This communication may contain confidential and privileged information that is for the sole use of the intended recipient. Any viewing, copying or distribution of, or reliance on this message by unintended recipients is strictly prohibited. If you have received this message in error, please notify us immediately by replying to the message and deleting it from your computer.

Laboratory Certification

| Certified By | License No. |
|----------------------|------------------|
| CAS EPA CLP Contract | 68HERH20D0011 |
| Connecticut | PH-0830 |
| DOD ELAP (ANAB) | L2219 |
| Maine | 2024021 |
| Maryland | 296 |
| New Hampshire | 255424 Rev 1 |
| New Jersey | 20012 |
| New York | 11376 |
| Pennsylvania | 68-00548 |
| Soil Permit | 525-24-234-08441 |
| Texas | T104704488 |