

ANALYTICAL RESULTS SUMMARY

VOLATILE ORGANICS
GENERAL CHEMISTRY
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 : P3671

ATTENTION : Mary I. Murphy



Laboratory Certification ID # 20012



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DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : CHEMTECH Client : JACOBS Engineering Group, Inc.
 Project Location : Princeton Junction Project Number : 148042596 - Former Schlumberger Site Princeton NJ
 Laboratory Sample ID(s) : P3671 Sampling Date(s) : 8/19/2024
 List DKQP Methods Used (e.g., 8260,8270, et Cetra) **6020B,7196A,7471B,8260-Low,8260D,8270-Modified,8270E,Lloyd Kahn**

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?	☒ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☒ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☒ 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)?	☒ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☒ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☒ 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?	☒ Yes ☐ No ☒ Yes ☐ No ☐ 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?	☒ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☐ Yes ☒ 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 : P3671

Project ID : Former Schlumberger Site Princeton NJ

Client : JACOBS Engineering Group, Inc.

Lab Sample Number

P3671-01
P3671-02
P3671-03
P3671-04
P3671-05
P3671-06
P3671-07
P3671-08
P3671-09
P3671-10
P3671-11
P3671-12
P3671-13
P3671-14
P3671-15

Client Sample Number

S-904-J-SO-0-0.5-081924
S-904-J-SO-0.5-1.0-081924
S-911-K1-SO-0-0.5-081924
S-911-K1-SO-0.5-1-081924
S-911-K1-SO-0-0.5-081924-FD
S-905-KJ-SO-0-0.5-081924
S-905-KJ-SO-0-0.5-081924-FD
S-905-J-SO-0.5-1.0-081924
S-928-K1-SO-0-0.5-081924
S-928-K1-SO-0.5-1-081924
S-903-J-SO-0-0.5-081924
S-903-J-SO-0.5-1.0-081924
S-912-J-SO-0-0.5-081924
S-912-J-SO-0.5-1-081924
TB-01-081924

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 : N. N. Pandya

NYDOH CERTIFICATION NO - 11376

APPROVED

Nimisha Pandya, QA/QC Supervisor , 10/23/2024, 12:29:31 PM

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

JACOBS Engineering Group, Inc.

Project Name: Former Schlumberger Site Princeton NJ

Project # N/A

Chemtech Project # P3671

Test Name: VOCMS Group5

A. Number of Samples and Date of Receipt:

14 Solid samples were received on 08/19/2024.

1 Water sample was received on 08/19/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Hexavalent Chromium, Mercury, Metals Group4, SVOCMS Group3, SVOCMS Group5, TOC, VOCMS Group 4, VOCMS Group3, VOCMS Group5 and VOCMS Group6. This data package contains results for VOCMS Group5.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624Sil MS, which is 30 meters, 0.25 mm id, 1.4 um df, Restek Cat. #13868. The Trap was supplied by Supelco, VOCARB 3000, ATOMAX XYZ Concentrator. The analysis of VOCMS Group5 was based on method 8260D.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for S-911-K1-SO-0-0.5-081924 [4-Bromofluorobenzene - 51%], S-911-K1-SO-0.5-1-081924 [4-Bromofluorobenzene - 69%], S-911-K1-SO-0.5-1-081924RE [4-Bromofluorobenzene - 61%], S-911-K1-SO-0-0.5-081924-FDRE [4-Bromofluorobenzene - 57%], S-928-K1-SO-0-0.5-081924RE [4-Bromofluorobenzene - 68%], S-928-K1-SO-0.5-1-081924RE [4-Bromofluorobenzene - 69%], S-912-J-SO-0-0.5-081924 [4-Bromofluorobenzene - 57%] and S-912-J-SO-0-0.5-081924RE [4-Bromofluorobenzene - 55%] these surrogates did not meet the NJDKQP criteria but met the in-house criteria while

S-928-K1-SO-0.5-1-081924 [1,2-Dichloroethane-d4 - 36%, 4-Bromofluorobenzene - 17%], these compounds did not meet the NJDKQP criteria and in-house criteria, therefore sample was reanalyzed to confirm the failure and reported.

The Internal Standards Areas met the acceptable requirements except for S-911-K1-SO-0-0.5-081924, S-911-K1-SO-0-0.5-081924RE, S-911-K1-SO-0.5-1-081924, S-911-K1-SO-0.5-1-081924RE, S-911-K1-SO-0-0.5-081924-FD, S-911-K1-SO-0-0.5-081924-FDRE, S-928-K1-SO-0-0.5-081924, S-928-K1-SO-0-0.5-081924RE, S-928-K1-SO-0.5-1-081924, S-928-K1-SO-0.5-1-081924RE, S-912-J-SO-0-0.5-081924 and S-912-J-SO-0-0.5-081924RE.

The Retention Times were acceptable for all samples.

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 %RSD is greater than 15% in the Initial Calibration method (82Y081524S.M) for Bromomethane, Methylene Chloride , Cyclohexane this compound is passing on Linear Regression while Chloroethane this compound is passing on Quadratic Regression.

The Continuous Calibration met requirements.

The Tuning criteria met requirements.

E. Additional Comments:

This data package has been revised due to parameter list changed.

Samples for MS/MSD for VOC analysis were not provided with this set of samples.

The Blank Spike Duplicate is reported with the data.

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 <15% 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 > 15% 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 N. N. Pandya

APPROVED

Nimisha Pandya, QA/QC Supervisor , 10/23/2024, 12:29:46 PM

CASE NARRATIVE

JACOBS Engineering Group, Inc.

Project Name: Former Schlumberger Site Princeton NJ

Project # N/A

Chemtech Project # P3671

Test Name: VOCMS Group6

A. Number of Samples and Date of Receipt:

14 Solid samples were received on 08/19/2024.

1 Water sample was received on 08/19/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Hexavalent Chromium, Mercury, Metals Group4, SVOCMS Group3, SVOCMS Group5, TOC, VOCMS Group 4, VOCMS Group3, VOCMS Group5 and VOCMS Group6. This data package contains results for VOCMS Group6.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_N were done using GC column RXI-624SIL MS 30m 0.25mm 1.4 um. Cat#13868. The analysis of VOCMS Group6 was based on method 8260D.

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 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 met the requirements .

The Tuning criteria met requirements.

E. Additional Comments:

This data package has been revised due to parameter list changed.

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

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 <15% 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 > 15% for the Initial Calibration curve for SW-846 analysis.



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2

2.2

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 N. N. Pandya

APPROVED

Nimisha Pandya, QA/QC Supervisor , 10/23/2024, 12:29:59 PM

CASE NARRATIVE

JACOBS Engineering Group, Inc.

Project Name: Former Schlumberger Site Princeton NJ

Project # N/A

Chemtech Project # P3671

Test Name: SVOCMS Group5

A. Number of Samples and Date of Receipt:

14 Solid samples were received on 08/19/2024.

1 Water sample was received on 08/19/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Hexavalent Chromium, Mercury, Metals Group4, SVOCMS Group3, SVOCMS Group5, TOC, VOCMS Group 4, VOCMS Group3, VOCMS Group5 and VOCMS Group6. This data package contains results for SVOCMS Group5.

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_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe 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-GGAThe analysis of SVOCMS Group5 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for S-903-J-SO-0-0.5-081924 [2,4,6-Tribromophenol - 29%, Terphenyl-d14 - 22%], these compounds did not meet the NJDKQP criteria but met the in-house criteria while 2-Fluorobiphenyl - 18%, this compound did not meet the NJDKQP criteria and in-house criteria, and as per method two surrogates are allowed to failed, no corrective action was taken.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike met requirements for all samples .

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

The % RSD is greater than 20% in the Initial Calibration method (Method 8270-BF082024.M) for 2,4-Dinitrotoluene, Benzo(g,h,i)perylene, these compounds are passing on Linear Regression.

The % RSD is greater than 15% in the Initial Calibration (Method 8270-BM081024.M) for Benzaldehyde, this compound is passing on Quadratic regression.

The % RSD is greater than 15% in the Initial Calibration (8270-BP081324.M) for 2,4-Dinitrotoluene, this compound is passing on Linear Regression.
. The Continuous Calibration File ID BF139113.D met the requirements except for 2,4-Dinitrotoluene and Nitrobenzene-d5, The associate samples have no positive hit for these compounds therefore no corrective action was taken .

The Continuous Calibration File ID BF139159.D met the requirements except for 2,4-Dinitrotoluene,Dibenzo(a,h)anthracene,Nitrobenzene and Nitrobenzene-d5, Under this Continuous Calibration Lab has analyzed only dilution samples, and this compound does not required dilution so no further corrective action taken.

The Continuous Calibration File ID BP021607.D met the requirements except for 2,4-Dinitrotoluene,Pentachlorophenol and 2,4,6-Tribromophenol, The associate samples have no positive hit for these compounds therefore no corrective action was taken. .
The Tuning criteria met requirements.

Sample S-904-J-SO-0-0.5-081924 was diluted due to high concentration.

E. Additional Comments:

This data Package has been revised due to parameter list changed
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
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 <15% 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 > 15% 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.



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2

2.3

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_____

N. N. Pandya

APPROVED

Nimisha Pandya, QA/QC Supervisor , 10/23/2024, 12:30:08 PM

CASE NARRATIVE

JACOBS Engineering Group, Inc.

Project Name: Former Schlumberger Site Princeton NJ

Project # N/A

Chemtech Project # P3671

Test Name: SVOCMS Group3

A. Number of Samples and Date of Receipt:

14 Solid samples were received on 08/19/2024.

1 Water sample was received on 08/19/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Hexavalent Chromium, Mercury, Metals Group4, SVOCMS Group3, SVOCMS Group5, TOC, VOCMS Group 4, VOCMS Group3, VOCMS Group5 and VOCMS Group6. This data package contains results for SVOCMS Group3.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_N using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group3 was based on method 8270-Modified and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for

S-905-KJ-SO-0-0.5-081924 [Fluoranthene-d10 - 28%, Terphenyl-d14 - 22%],

S-905-KJ-SO-0-0.5-081924DL [Fluoranthene-d10 - 26%, Terphenyl-d14 - 23%],

S-905-KJ-SO-0-0.5-081924-FD [Terphenyl-d14 - 24%],

S-905-KJ-SO-0-0.5-081924-FDDL [Terphenyl-d14 - 28%],

S-912-J-SO-0-0.5-081924 [Terphenyl-d14 - 24%], these compounds did not meet the NJDKQP criteria but met the in-house criteria, while

S-912-J-SO-0.5-1-081924 [Fluoranthene-d10 - 24%, this compound did not meet the NJDKQP criteria but met the in-house criteria, while Terphenyl-d14 - 20%], this

compound did not meet the NJDKQP criteria and in-house criteria and as per method two surrogates are allowed to failed, no corrective action was taken.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike 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 met the requirements .
The Tuning criteria met requirements.

Samples S-905-KJ-SO-0-0.5-081924, S-905-KJ-SO-0-0.5-081924-FD and S-903-J-SO-0.5-1.0-081924 were diluted due to high concentrations.

E. Additional Comments:

The Sample S-912-J-SO-0.5-1-081924, have the concentration of target compound below method detection limits; therefore it is not reported as Hit in Form1.

Samples S-904-J-SO-0-0.5-081924, S-904-J-SO-0.5-1.0-081924, S-905-J-SO-0.5-1.0-081924, S-903-J-SO-0-0.5-081924, were not analyzed in SIM due to high concentration of the target compound in Total scan analysis.

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

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 <15% 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 > 15% 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.

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Nimisha Pandya, QA/QC Supervisor , 10/23/2024, 12:30:18 PM

CASE NARRATIVE

JACOBS Engineering Group, Inc.

Project Name: Former Schlumberger Site Princeton NJ

Project # N/A

Chemtech Project # P3671

Test Name: Metals Group4,Mercury

A. Number of Samples and Date of Receipt:

14 Solid samples were received on 08/19/2024.

1 Water sample was received on 08/19/2024.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Hexavalent Chromium, Mercury, Metals Group4, SVOCMS Group3, SVOCMS Group5, TOC, VOCMS Group 4, VOCMS Group3, VOCMS Group5 and VOCMS Group6. This data package contains results for Metals Group4,Mercury.

C. Analytical Techniques:

The analysis of Metals Group4 was based on method 6020B, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

Sample S-904-J-SO-0.5-1.0-081924 was diluted due to high concentrations for Aluminum & Sample S-911-K1-SO-0.5-1-081924 was diluted due to high concentrations for Manganese & Sample S-905-KJ-SO-0-0.5-081924 was diluted due to high concentrations for Mercury & Sample S-905-KJ-SO-0-0.5-081924-FD was diluted due to high concentrations for Mercury, Aluminum & Sample S-905-J-SO-0.5-1.0-081924 was diluted due to high concentrations for Mercury, Aluminum & Sample S-928-K1-SO-0-0.5-081924 was diluted due to high concentrations for Manganese & Sample S-928-K1-SO-0.5-1-081924 was diluted due to high concentrations for Manganese & Sample S-903-J-SO-0-0.5-081924 was diluted due to high concentrations for Aluminum & Sample S-903-J-SO-0.5-1.0-081924 was diluted due to high concentrations for Aluminum and Iron.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike (S-904-J-SO-0-0.5-081924MS) analysis met criteria for all samples except for Mercury due to sample matrix interference. The Matrix Spike (S-912-J-SO-0.5-1-081924MS) analysis met criteria for all samples except for Aluminum and Silver due to Chemical interference during Digestion Process.

The Matrix Spike Duplicate (S-904-J-SO-0-0.5-081924MSD) analysis met criteria for all samples except for Mercury due to sample matrix interference. The Matrix Spike

Duplicate (S-912-J-SO-0.5-1-081924MSD) analysis met criteria for all samples except for Aluminum and Silver due to Chemical Interference during Digestion Process.

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

The Calibration met the requirements.

The Serial Dilution met criteria for all samples.

E. Additional Comments:

This Data Package has been revised due to Parameter List Change.

Internal standard 89Y(1 and 2) was out Side qc limit for sample P3671-02, P3671-04, P3671-07, P3671-08, P3671-09 and P3671-10 in Original so for these samples affected parameters are reported from its 5X Dilution.

Internal standard 89Y(1) was out Side qc limit for sample P3671-05 in Original so for these samples affected parameters are reported from its 5X Dilution.

Collision cell is being used to remove potential interferences. The analytes Na, Mg, Al, K, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As are being analyzed with collision cell and analytes Be, B, Ca, Ti, Se, Sr, Zr, Mo, Ag, Cd, Sn, Sb, Ba, Tl, Pb, U are being analyzed with Non-Collision Cell. Helium gas is used for the Collision Cell analysis.

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Signature N. N. Pandya

APPROVED

Nimisha Pandya, QA/QC Supervisor , 10/23/2024, 12:30:28 PM

CASE NARRATIVE

JACOBS Engineering Group, Inc.

Project Name: Former Schlumberger Site Princeton NJ

Project # N/A

Chemtech Project # P3671

Test Name: Hexavalent Chromium, TOC

A. Number of Samples and Date of Receipt:

14 Solid samples were received on 08/19/2024.

1 Water sample was received on 08/19/2024.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Hexavalent Chromium, Mercury, Metals Group4, SVOCMS Group3, SVOCMS Group5, TOC, VOCMS Group 4, VOCMS Group3, VOCMS Group5 and VOCMS Group6. This data package contains results for Hexavalent Chromium, TOC.

C. Analytical Techniques:

The analysis of Hexavalent Chromium was based on method 7196A and The analysis of TOC was based on method Lloyd Kahn.

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 (S-929-K1-SO-0-0.5-082024MS) analysis met criteria for all samples except for TOC due to sample matrix interference.

The Matrix Spike Duplicate (S-929-K1-SO-0-0.5-082024MSD) analysis met criteria for all samples except for TOC due to sample matrix interference.

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

The Calibration met the requirements.

E. Additional Comments:

Lab has used least representable sample weight for the sample P3671-01, P3671-02, P3671-03, P3671-04, P3671-05, P3671-06, P3671-07, P3671-08, P3671-09, P3671-10, P3671-11, P3671-13 and P3671-14 for TOC analysis. Therefore Lab has reported the TOC result with "OR" qualifier.



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Signature N. N. Pandya

APPROVED

Nimisha Pandya, QA/QC Supervisor , 10/23/2024, 12:30:37 PM

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: (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 #: P3671

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: 10/18/2024

Hit Summary Sheet

SW-846

SDG No.: P3671

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	S-904-J-SO-0.5-1.0-081924							
P3671-02	S-904-J-SO-0.5-1.0 SOIL	Acetone		65.9		4.80	19.0	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0 SOIL	2-Butanone		13.2	J	4.30	19.0	ug/Kg
		Total Voc :		79.1				
		Total Concentration:		79.1				
Client ID:	S-905-KJ-SO-0-0.5-081924							
P3671-06	S-905-KJ-SO-0-0.5 SOIL	Trichloroethene		1.20	J	0.61	4.10	ug/Kg
		Total Voc :		1.20				
		Total Concentration:		1.20				
Client ID:	S-905-KJ-SO-0-0.5-081924-FD							
P3671-07	S-905-KJ-SO-0-0.5 SOIL	Acetone		20.6	J	5.80	23.2	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5 SOIL	cis-1,2-Dichloroethene		2.10	J	0.57	4.60	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5 SOIL	Trichloroethene		1.10	J	0.70	4.60	ug/Kg
		Total Voc :		23.8				
		Total Concentration:		23.8				
Client ID:	S-905-J-SO-0.5-1.0-081924							
P3671-08	S-905-J-SO-0.5-1.0 SOIL	Acetone		24.0		3.90	15.8	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0 SOIL	2-Butanone		4.10	J	3.60	15.8	ug/Kg
		Total Voc :		28.1				
		Total Concentration:		28.1				
Client ID:	S-903-J-SO-0-0.5-081924							
P3671-11	S-903-J-SO-0-0.5-0 SOIL	Trichloroethene		1.10	J	0.58	3.90	ug/Kg
P3671-11	S-903-J-SO-0-0.5-0 SOIL	Tetrachloroethene		1.40	J	0.69	3.90	ug/Kg
		Total Voc :		2.50				
		Total Concentration:		2.50				
Client ID:	S-903-J-SO-0.5-1.0-081924							
P3671-12	S-903-J-SO-0.5-1.0 SOIL	Trichloroethene		3.40	J	0.53	3.60	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0 SOIL	Tetrachloroethene		4.00		0.63	3.60	ug/Kg
		Total Voc :		7.40				
		Total Concentration:		7.40				



SAMPLE DATA

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	71.3
Sample Wt/Vol:	5.69 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019222.D	1		08/22/24 15:56	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	2.00	U	2.00	6.20	ug/Kg
74-87-3	Chloromethane	1.40	U	1.40	6.20	ug/Kg
75-01-4	Vinyl Chloride	0.95	U	0.95	6.20	ug/Kg
74-83-9	Bromomethane	1.30	U	1.30	6.20	ug/Kg
75-00-3	Chloroethane	1.20	U	1.20	6.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1.30	6.20	ug/Kg
75-35-4	1,1-Dichloroethene	0.96	U	0.96	6.20	ug/Kg
67-64-1	Acetone	7.70	U	7.70	30.8	ug/Kg
75-15-0	Carbon Disulfide	1.60	U	1.60	6.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.83	U	0.83	6.20	ug/Kg
75-09-2	Methylene Chloride	4.20	U	4.20	12.3	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.00	U	1.00	6.20	ug/Kg
75-34-3	1,1-Dichloroethane	0.78	U	0.78	6.20	ug/Kg
110-82-7	Cyclohexane	0.85	U	0.85	6.20	ug/Kg
78-93-3	2-Butanone	7.00	U	7.00	30.8	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	6.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	6.20	ug/Kg
67-66-3	Chloroform	0.83	U	0.83	6.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.96	U	0.96	6.20	ug/Kg
108-87-2	Methylcyclohexane	1.10	U	1.10	6.20	ug/Kg
71-43-2	Benzene	0.89	U	0.89	6.20	ug/Kg
107-06-2	1,2-Dichloroethane	0.75	U	0.75	6.20	ug/Kg
79-01-6	Trichloroethene	0.92	U	0.92	6.20	ug/Kg
75-27-4	Bromodichloromethane	0.69	U	0.69	6.20	ug/Kg
108-88-3	Toluene	0.83	U	0.83	6.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.00	U	1.00	6.20	ug/Kg
124-48-1	Dibromochloromethane	0.80	U	0.80	6.20	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	6.20	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	6.20	ug/Kg
100-41-4	Ethyl Benzene	0.76	U	0.76	6.20	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	71.3
Sample Wt/Vol:	5.69 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019222.D	1		08/22/24 15:56	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
179601-23-1	m/p-Xylenes	1.70	U	1.70	12.3	ug/Kg
1330-20-7	Total Xylenes	2.56	U	2.56	18.5	ug/Kg
95-47-6	o-Xylene	0.86	U	0.86	6.20	ug/Kg
98-82-8	Isopropylbenzene	0.83	U	0.83	6.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.99	U	0.99	6.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.73	U	0.73	6.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.3		70 (50) - 130 (163)	113%	SPK: 50
1868-53-7	Dibromofluoromethane	54.9		70 (54) - 130 (147)	110%	SPK: 50
2037-26-5	Toluene-d8	57.2		70 (58) - 130 (134)	114%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.0		70 (29) - 130 (146)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	90600	7.695			
540-36-3	1,4-Difluorobenzene	146000	8.609			
3114-55-4	Chlorobenzene-d5	154000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	57000	13.346			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	79.7
Sample Wt/Vol:	8.24 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019196.D	1		08/22/24 03:45	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.30	U	1.30	3.80	ug/Kg
74-87-3	Chloromethane	0.88	U	0.88	3.80	ug/Kg
75-01-4	Vinyl Chloride	0.59	U	0.59	3.80	ug/Kg
74-83-9	Bromomethane	0.78	U	0.78	3.80	ug/Kg
75-00-3	Chloroethane	0.77	U	0.77	3.80	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.81	U	0.81	3.80	ug/Kg
75-35-4	1,1-Dichloroethene	0.59	U	0.59	3.80	ug/Kg
67-64-1	Acetone	65.9		4.80	19.0	ug/Kg
75-15-0	Carbon Disulfide	0.97	U	0.97	3.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.51	U	0.51	3.80	ug/Kg
75-09-2	Methylene Chloride	2.60	U	2.60	7.60	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.64	U	0.64	3.80	ug/Kg
75-34-3	1,1-Dichloroethane	0.48	U	0.48	3.80	ug/Kg
110-82-7	Cyclohexane	0.53	U	0.53	3.80	ug/Kg
78-93-3	2-Butanone	13.2	J	4.30	19.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.66	U	0.66	3.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.46	U	0.46	3.80	ug/Kg
67-66-3	Chloroform	0.51	U	0.51	3.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.59	U	0.59	3.80	ug/Kg
108-87-2	Methylcyclohexane	0.66	U	0.66	3.80	ug/Kg
71-43-2	Benzene	0.55	U	0.55	3.80	ug/Kg
107-06-2	1,2-Dichloroethane	0.46	U	0.46	3.80	ug/Kg
79-01-6	Trichloroethene	0.57	U	0.57	3.80	ug/Kg
75-27-4	Bromodichloromethane	0.43	U	0.43	3.80	ug/Kg
108-88-3	Toluene	0.51	U	0.51	3.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.64	U	0.64	3.80	ug/Kg
124-48-1	Dibromochloromethane	0.49	U	0.49	3.80	ug/Kg
127-18-4	Tetrachloroethene	0.68	U	0.68	3.80	ug/Kg
108-90-7	Chlorobenzene	0.56	U	0.56	3.80	ug/Kg
100-41-4	Ethyl Benzene	0.47	U	0.47	3.80	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	79.7
Sample Wt/Vol:	8.24 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019196.D	1		08/22/24 03:45	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
179601-23-1	m/p-Xylenes	1.00	U	1.00	7.60	ug/Kg
1330-20-7	Total Xylenes	1.53	U	1.53	11.4	ug/Kg
95-47-6	o-Xylene	0.53	U	0.53	3.80	ug/Kg
98-82-8	Isopropylbenzene	0.51	U	0.51	3.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.61	U	0.61	3.80	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.45	U	0.45	3.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.6		70 (50) - 130 (163)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	49.2		70 (54) - 130 (147)	98%	SPK: 50
2037-26-5	Toluene-d8	47.2		70 (58) - 130 (134)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.2		70 (29) - 130 (146)	80%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	85400	7.701			
540-36-3	1,4-Difluorobenzene	153000	8.609			
3114-55-4	Chlorobenzene-d5	136000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	47600	13.352			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	46.9
Sample Wt/Vol:	4.67 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019197.D	1		08/22/24 04:09	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	3.80	U	3.80	11.4	ug/Kg
74-87-3	Chloromethane	2.60	U	2.60	11.4	ug/Kg
75-01-4	Vinyl Chloride	1.80	U	1.80	11.4	ug/Kg
74-83-9	Bromomethane	2.40	U	2.40	11.4	ug/Kg
75-00-3	Chloroethane	2.30	U	2.30	11.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.40	U	2.40	11.4	ug/Kg
75-35-4	1,1-Dichloroethene	1.80	U	1.80	11.4	ug/Kg
67-64-1	Acetone	14.2	U	14.2	57.1	ug/Kg
75-15-0	Carbon Disulfide	2.90	U	2.90	11.4	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.50	U	1.50	11.4	ug/Kg
75-09-2	Methylene Chloride	7.80	U	7.80	22.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.90	U	1.90	11.4	ug/Kg
75-34-3	1,1-Dichloroethane	1.40	U	1.40	11.4	ug/Kg
110-82-7	Cyclohexane	1.60	U	1.60	11.4	ug/Kg
78-93-3	2-Butanone	13.0	U	13.0	57.1	ug/Kg
56-23-5	Carbon Tetrachloride	2.00	U	2.00	11.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.40	U	1.40	11.4	ug/Kg
67-66-3	Chloroform	1.50	U	1.50	11.4	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.80	U	1.80	11.4	ug/Kg
108-87-2	Methylcyclohexane	2.00	U	2.00	11.4	ug/Kg
71-43-2	Benzene	1.60	U	1.60	11.4	ug/Kg
107-06-2	1,2-Dichloroethane	1.40	U	1.40	11.4	ug/Kg
79-01-6	Trichloroethene	1.70	U	1.70	11.4	ug/Kg
75-27-4	Bromodichloromethane	1.30	U	1.30	11.4	ug/Kg
108-88-3	Toluene	1.50	U	1.50	11.4	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.90	U	1.90	11.4	ug/Kg
124-48-1	Dibromochloromethane	1.50	U	1.50	11.4	ug/Kg
127-18-4	Tetrachloroethene	2.00	U	2.00	11.4	ug/Kg
108-90-7	Chlorobenzene	1.70	U	1.70	11.4	ug/Kg
100-41-4	Ethyl Benzene	1.40	U	1.40	11.4	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	46.9
Sample Wt/Vol:	4.67 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019197.D	1		08/22/24 04:09	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
179601-23-1	m/p-Xylenes	3.10	U	3.10	22.8	ug/Kg
1330-20-7	Total Xylenes	4.70	U	4.70	34.2	ug/Kg
95-47-6	o-Xylene	1.60	U	1.60	11.4	ug/Kg
98-82-8	Isopropylbenzene	1.50	U	1.50	11.4	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.80	U	1.80	11.4	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.30	U	1.30	11.4	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	40.8		70 (50) - 130 (163)	82%	SPK: 50
1868-53-7	Dibromofluoromethane	46.6		70 (54) - 130 (147)	93%	SPK: 50
2037-26-5	Toluene-d8	44.4		70 (58) - 130 (134)	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	25.3	*	70 (29) - 130 (146)	51%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	50400	7.707			
540-36-3	1,4-Difluorobenzene	83100	8.61			
3114-55-4	Chlorobenzene-d5	56400	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	13000	13.353			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924RE	SDG No.:	P3671
Lab Sample ID:	P3671-03RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	46.9
Sample Wt/Vol:	5.47 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019223.D	1		08/22/24 16:20	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	3.20	U	3.20	9.70	ug/Kg
74-87-3	Chloromethane	2.30	U	2.30	9.70	ug/Kg
75-01-4	Vinyl Chloride	1.50	U	1.50	9.70	ug/Kg
74-83-9	Bromomethane	2.00	U	2.00	9.70	ug/Kg
75-00-3	Chloroethane	2.00	U	2.00	9.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.10	U	2.10	9.70	ug/Kg
75-35-4	1,1-Dichloroethene	1.50	U	1.50	9.70	ug/Kg
67-64-1	Acetone	12.2	U	12.2	48.7	ug/Kg
75-15-0	Carbon Disulfide	2.50	U	2.50	9.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.30	U	1.30	9.70	ug/Kg
75-09-2	Methylene Chloride	6.60	U	6.60	19.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.60	U	1.60	9.70	ug/Kg
75-34-3	1,1-Dichloroethane	1.20	U	1.20	9.70	ug/Kg
110-82-7	Cyclohexane	1.30	U	1.30	9.70	ug/Kg
78-93-3	2-Butanone	11.1	U	11.1	48.7	ug/Kg
56-23-5	Carbon Tetrachloride	1.70	U	1.70	9.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.20	U	1.20	9.70	ug/Kg
67-66-3	Chloroform	1.30	U	1.30	9.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.50	U	1.50	9.70	ug/Kg
108-87-2	Methylcyclohexane	1.70	U	1.70	9.70	ug/Kg
71-43-2	Benzene	1.40	U	1.40	9.70	ug/Kg
107-06-2	1,2-Dichloroethane	1.20	U	1.20	9.70	ug/Kg
79-01-6	Trichloroethene	1.50	U	1.50	9.70	ug/Kg
75-27-4	Bromodichloromethane	1.10	U	1.10	9.70	ug/Kg
108-88-3	Toluene	1.30	U	1.30	9.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.60	U	1.60	9.70	ug/Kg
124-48-1	Dibromochloromethane	1.30	U	1.30	9.70	ug/Kg
127-18-4	Tetrachloroethene	1.70	U	1.70	9.70	ug/Kg
108-90-7	Chlorobenzene	1.40	U	1.40	9.70	ug/Kg
100-41-4	Ethyl Benzene	1.20	U	1.20	9.70	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924RE	SDG No.:	P3671
Lab Sample ID:	P3671-03RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	46.9
Sample Wt/Vol:	5.47 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019223.D	1		08/22/24 16:20	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
1330-20-7	Total Xylenes	4.00	U	4.00	29.2	ug/Kg
179601-23-1	m/p-Xylenes	2.60	U	2.60	19.5	ug/Kg
95-47-6	o-Xylene	1.40	U	1.40	9.70	ug/Kg
98-82-8	Isopropylbenzene	1.30	U	1.30	9.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	9.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.10	U	1.10	9.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.6		70 (50) - 130 (163)	91%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		70 (54) - 130 (147)	105%	SPK: 50
2037-26-5	Toluene-d8	45.0		70 (58) - 130 (134)	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.0		70 (29) - 130 (146)	76%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	98000	7.701			
540-36-3	1,4-Difluorobenzene	150000	8.609			
3114-55-4	Chlorobenzene-d5	133000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	38800	13.346			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	56
Sample Wt/Vol:	4.93 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019198.D	1		08/22/24 04:33	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	3.00	U	3.00	9.10	ug/Kg
74-87-3	Chloromethane	2.10	U	2.10	9.10	ug/Kg
75-01-4	Vinyl Chloride	1.40	U	1.40	9.10	ug/Kg
74-83-9	Bromomethane	1.90	U	1.90	9.10	ug/Kg
75-00-3	Chloroethane	1.80	U	1.80	9.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.90	U	1.90	9.10	ug/Kg
75-35-4	1,1-Dichloroethene	1.40	U	1.40	9.10	ug/Kg
67-64-1	Acetone	11.3	U	11.3	45.3	ug/Kg
75-15-0	Carbon Disulfide	2.30	U	2.30	9.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.20	U	1.20	9.10	ug/Kg
75-09-2	Methylene Chloride	6.20	U	6.20	18.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.50	U	1.50	9.10	ug/Kg
75-34-3	1,1-Dichloroethane	1.10	U	1.10	9.10	ug/Kg
110-82-7	Cyclohexane	1.20	U	1.20	9.10	ug/Kg
78-93-3	2-Butanone	10.3	U	10.3	45.3	ug/Kg
56-23-5	Carbon Tetrachloride	1.60	U	1.60	9.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.10	U	1.10	9.10	ug/Kg
67-66-3	Chloroform	1.20	U	1.20	9.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.40	U	1.40	9.10	ug/Kg
108-87-2	Methylcyclohexane	1.60	U	1.60	9.10	ug/Kg
71-43-2	Benzene	1.30	U	1.30	9.10	ug/Kg
107-06-2	1,2-Dichloroethane	1.10	U	1.10	9.10	ug/Kg
79-01-6	Trichloroethene	1.40	U	1.40	9.10	ug/Kg
75-27-4	Bromodichloromethane	1.00	U	1.00	9.10	ug/Kg
108-88-3	Toluene	1.20	U	1.20	9.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.50	U	1.50	9.10	ug/Kg
124-48-1	Dibromochloromethane	1.20	U	1.20	9.10	ug/Kg
127-18-4	Tetrachloroethene	1.60	U	1.60	9.10	ug/Kg
108-90-7	Chlorobenzene	1.30	U	1.30	9.10	ug/Kg
100-41-4	Ethyl Benzene	1.10	U	1.10	9.10	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	56
Sample Wt/Vol:	4.93 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019198.D	1		08/22/24 04:33	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
1330-20-7	Total Xylenes	3.70	U	3.70	27.2	ug/Kg
179601-23-1	m/p-Xylenes	2.40	U	2.40	18.1	ug/Kg
95-47-6	o-Xylene	1.30	U	1.30	9.10	ug/Kg
98-82-8	Isopropylbenzene	1.20	U	1.20	9.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.40	U	1.40	9.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.10	U	1.10	9.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.7		70 (50) - 130 (163)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		70 (54) - 130 (147)	102%	SPK: 50
2037-26-5	Toluene-d8	47.7		70 (58) - 130 (134)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	34.3	*	70 (29) - 130 (146)	69%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	82700	7.707			
540-36-3	1,4-Difluorobenzene	143000	8.61			
3114-55-4	Chlorobenzene-d5	117000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	31900	13.353			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0.5-1-081924RE	SDG No.:	P3671
Lab Sample ID:	P3671-04RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	56
Sample Wt/Vol:	4.73 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019224.D	1		08/22/24 16:45	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	3.10	U	3.10	9.40	ug/Kg
74-87-3	Chloromethane	2.20	U	2.20	9.40	ug/Kg
75-01-4	Vinyl Chloride	1.50	U	1.50	9.40	ug/Kg
74-83-9	Bromomethane	1.90	U	1.90	9.40	ug/Kg
75-00-3	Chloroethane	1.90	U	1.90	9.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.00	U	2.00	9.40	ug/Kg
75-35-4	1,1-Dichloroethene	1.50	U	1.50	9.40	ug/Kg
67-64-1	Acetone	11.8	U	11.8	47.2	ug/Kg
75-15-0	Carbon Disulfide	2.40	U	2.40	9.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.30	U	1.30	9.40	ug/Kg
75-09-2	Methylene Chloride	6.40	U	6.40	18.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.60	U	1.60	9.40	ug/Kg
75-34-3	1,1-Dichloroethane	1.20	U	1.20	9.40	ug/Kg
110-82-7	Cyclohexane	1.30	U	1.30	9.40	ug/Kg
78-93-3	2-Butanone	10.7	U	10.7	47.2	ug/Kg
56-23-5	Carbon Tetrachloride	1.60	U	1.60	9.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.20	U	1.20	9.40	ug/Kg
67-66-3	Chloroform	1.30	U	1.30	9.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.50	U	1.50	9.40	ug/Kg
108-87-2	Methylcyclohexane	1.60	U	1.60	9.40	ug/Kg
71-43-2	Benzene	1.40	U	1.40	9.40	ug/Kg
107-06-2	1,2-Dichloroethane	1.20	U	1.20	9.40	ug/Kg
79-01-6	Trichloroethene	1.40	U	1.40	9.40	ug/Kg
75-27-4	Bromodichloromethane	1.10	U	1.10	9.40	ug/Kg
108-88-3	Toluene	1.30	U	1.30	9.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.60	U	1.60	9.40	ug/Kg
124-48-1	Dibromochloromethane	1.20	U	1.20	9.40	ug/Kg
127-18-4	Tetrachloroethene	1.70	U	1.70	9.40	ug/Kg
108-90-7	Chlorobenzene	1.40	U	1.40	9.40	ug/Kg
100-41-4	Ethyl Benzene	1.20	U	1.20	9.40	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0.5-1-081924RE	SDG No.:	P3671
Lab Sample ID:	P3671-04RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	56
Sample Wt/Vol:	4.73 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019224.D	1		08/22/24 16:45	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
1330-20-7	Total Xylenes	3.80	U	3.80	28.3	ug/Kg
179601-23-1	m/p-Xylenes	2.50	U	2.50	18.9	ug/Kg
95-47-6	o-Xylene	1.30	U	1.30	9.40	ug/Kg
98-82-8	Isopropylbenzene	1.30	U	1.30	9.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.50	U	1.50	9.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.10	U	1.10	9.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	36.7		70 (50) - 130 (163)	73%	SPK: 50
1868-53-7	Dibromofluoromethane	53.4		70 (54) - 130 (147)	107%	SPK: 50
2037-26-5	Toluene-d8	54.1		70 (58) - 130 (134)	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	30.3	*	70 (29) - 130 (146)	61%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	108000	7.701			
540-36-3	1,4-Difluorobenzene	146000	8.609			
3114-55-4	Chlorobenzene-d5	119000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	25900	13.346			

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

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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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	35
Sample Wt/Vol:	5.35 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019199.D	1		08/22/24 04:57	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	4.40	U	4.40	13.4	ug/Kg
74-87-3	Chloromethane	3.10	U	3.10	13.4	ug/Kg
75-01-4	Vinyl Chloride	2.10	U	2.10	13.4	ug/Kg
74-83-9	Bromomethane	2.80	U	2.80	13.4	ug/Kg
75-00-3	Chloroethane	2.70	U	2.70	13.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.90	U	2.90	13.4	ug/Kg
75-35-4	1,1-Dichloroethene	2.10	U	2.10	13.4	ug/Kg
67-64-1	Acetone	16.7	U	16.7	66.8	ug/Kg
75-15-0	Carbon Disulfide	3.40	U	3.40	13.4	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.80	U	1.80	13.4	ug/Kg
75-09-2	Methylene Chloride	9.10	U	9.10	26.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.20	U	2.20	13.4	ug/Kg
75-34-3	1,1-Dichloroethane	1.70	U	1.70	13.4	ug/Kg
110-82-7	Cyclohexane	1.80	U	1.80	13.4	ug/Kg
78-93-3	2-Butanone	15.2	U	15.2	66.8	ug/Kg
56-23-5	Carbon Tetrachloride	2.30	U	2.30	13.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.60	U	1.60	13.4	ug/Kg
67-66-3	Chloroform	1.80	U	1.80	13.4	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.10	U	2.10	13.4	ug/Kg
108-87-2	Methylcyclohexane	2.30	U	2.30	13.4	ug/Kg
71-43-2	Benzene	1.90	U	1.90	13.4	ug/Kg
107-06-2	1,2-Dichloroethane	1.60	U	1.60	13.4	ug/Kg
79-01-6	Trichloroethene	2.00	U	2.00	13.4	ug/Kg
75-27-4	Bromodichloromethane	1.50	U	1.50	13.4	ug/Kg
108-88-3	Toluene	1.80	U	1.80	13.4	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.20	U	2.20	13.4	ug/Kg
124-48-1	Dibromochloromethane	1.70	U	1.70	13.4	ug/Kg
127-18-4	Tetrachloroethene	2.40	U	2.40	13.4	ug/Kg
108-90-7	Chlorobenzene	2.00	U	2.00	13.4	ug/Kg
100-41-4	Ethyl Benzene	1.70	U	1.70	13.4	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	35
Sample Wt/Vol:	5.35 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019199.D	1		08/22/24 04:57	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
179601-23-1	m/p-Xylenes	3.60	U	3.60	26.7	ug/Kg
1330-20-7	Total Xylenes	5.50	U	5.50	40.1	ug/Kg
95-47-6	o-Xylene	1.90	U	1.90	13.4	ug/Kg
98-82-8	Isopropylbenzene	1.80	U	1.80	13.4	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.10	U	2.10	13.4	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	13.4	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.9		70 (50) - 130 (163)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		70 (54) - 130 (147)	101%	SPK: 50
2037-26-5	Toluene-d8	46.8		70 (58) - 130 (134)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	36.5		70 (29) - 130 (146)	73%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	81600	7.707			
540-36-3	1,4-Difluorobenzene	146000	8.609			
3114-55-4	Chlorobenzene-d5	123000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	38700	13.352			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924-FDRE	SDG No.:	P3671
Lab Sample ID:	P3671-05RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	35
Sample Wt/Vol:	5.27 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019225.D	1		08/22/24 17:09	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	4.50	U	4.50	13.6	ug/Kg
74-87-3	Chloromethane	3.10	U	3.10	13.6	ug/Kg
75-01-4	Vinyl Chloride	2.10	U	2.10	13.6	ug/Kg
74-83-9	Bromomethane	2.80	U	2.80	13.6	ug/Kg
75-00-3	Chloroethane	2.70	U	2.70	13.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.90	U	2.90	13.6	ug/Kg
75-35-4	1,1-Dichloroethene	2.10	U	2.10	13.6	ug/Kg
67-64-1	Acetone	16.9	U	16.9	67.8	ug/Kg
75-15-0	Carbon Disulfide	3.50	U	3.50	13.6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.80	U	1.80	13.6	ug/Kg
75-09-2	Methylene Chloride	9.20	U	9.20	27.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.30	U	2.30	13.6	ug/Kg
75-34-3	1,1-Dichloroethane	1.70	U	1.70	13.6	ug/Kg
110-82-7	Cyclohexane	1.90	U	1.90	13.6	ug/Kg
78-93-3	2-Butanone	15.4	U	15.4	67.8	ug/Kg
56-23-5	Carbon Tetrachloride	2.40	U	2.40	13.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.70	U	1.70	13.6	ug/Kg
67-66-3	Chloroform	1.80	U	1.80	13.6	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.10	U	2.10	13.6	ug/Kg
108-87-2	Methylcyclohexane	2.40	U	2.40	13.6	ug/Kg
71-43-2	Benzene	2.00	U	2.00	13.6	ug/Kg
107-06-2	1,2-Dichloroethane	1.70	U	1.70	13.6	ug/Kg
79-01-6	Trichloroethene	2.00	U	2.00	13.6	ug/Kg
75-27-4	Bromodichloromethane	1.50	U	1.50	13.6	ug/Kg
108-88-3	Toluene	1.80	U	1.80	13.6	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.30	U	2.30	13.6	ug/Kg
124-48-1	Dibromochloromethane	1.80	U	1.80	13.6	ug/Kg
127-18-4	Tetrachloroethene	2.40	U	2.40	13.6	ug/Kg
108-90-7	Chlorobenzene	2.00	U	2.00	13.6	ug/Kg
100-41-4	Ethyl Benzene	1.70	U	1.70	13.6	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924-FDRE	SDG No.:	P3671
Lab Sample ID:	P3671-05RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	35
Sample Wt/Vol:	5.27 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019225.D	1		08/22/24 17:09	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
179601-23-1	m/p-Xylenes	3.70	U	3.70	27.1	ug/Kg
1330-20-7	Total Xylenes	5.60	U	5.60	40.7	ug/Kg
95-47-6	o-Xylene	1.90	U	1.90	13.6	ug/Kg
98-82-8	Isopropylbenzene	1.80	U	1.80	13.6	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.20	U	2.20	13.6	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	13.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.9		70 (50) - 130 (163)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		70 (54) - 130 (147)	97%	SPK: 50
2037-26-5	Toluene-d8	45.2		70 (58) - 130 (134)	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	28.6	*	70 (29) - 130 (146)	57%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	91600	7.701			
540-36-3	1,4-Difluorobenzene	155000	8.609			
3114-55-4	Chlorobenzene-d5	111000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	28500	13.346			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-06	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	78.2
Sample Wt/Vol:	7.89 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019200.D	1		08/22/24 05:21	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.30	U	1.30	4.10	ug/Kg
74-87-3	Chloromethane	0.94	U	0.94	4.10	ug/Kg
75-01-4	Vinyl Chloride	0.62	U	0.62	4.10	ug/Kg
74-83-9	Bromomethane	0.83	U	0.83	4.10	ug/Kg
75-00-3	Chloroethane	0.82	U	0.82	4.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.87	U	0.87	4.10	ug/Kg
75-35-4	1,1-Dichloroethene	0.63	U	0.63	4.10	ug/Kg
67-64-1	Acetone	5.10	U	5.10	20.3	ug/Kg
75-15-0	Carbon Disulfide	1.00	U	1.00	4.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.54	U	0.54	4.10	ug/Kg
75-09-2	Methylene Chloride	2.80	U	2.80	8.10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.68	U	0.68	4.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.51	U	0.51	4.10	ug/Kg
110-82-7	Cyclohexane	0.56	U	0.56	4.10	ug/Kg
78-93-3	2-Butanone	4.60	U	4.60	20.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.71	U	0.71	4.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.49	U	0.49	4.10	ug/Kg
67-66-3	Chloroform	0.54	U	0.54	4.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.63	U	0.63	4.10	ug/Kg
108-87-2	Methylcyclohexane	0.71	U	0.71	4.10	ug/Kg
71-43-2	Benzene	0.58	U	0.58	4.10	ug/Kg
107-06-2	1,2-Dichloroethane	0.49	U	0.49	4.10	ug/Kg
79-01-6	Trichloroethene	1.20	J	0.61	4.10	ug/Kg
75-27-4	Bromodichloromethane	0.45	U	0.45	4.10	ug/Kg
108-88-3	Toluene	0.54	U	0.54	4.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.68	U	0.68	4.10	ug/Kg
124-48-1	Dibromochloromethane	0.53	U	0.53	4.10	ug/Kg
127-18-4	Tetrachloroethene	0.72	U	0.72	4.10	ug/Kg
108-90-7	Chlorobenzene	0.60	U	0.60	4.10	ug/Kg
100-41-4	Ethyl Benzene	0.50	U	0.50	4.10	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-06	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	78.2
Sample Wt/Vol:	7.89 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019200.D	1		08/22/24 05:21	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
179601-23-1	m/p-Xylenes	1.10	U	1.10	8.10	ug/Kg
1330-20-7	Total Xylenes	1.67	U	1.67	12.2	ug/Kg
95-47-6	o-Xylene	0.57	U	0.57	4.10	ug/Kg
98-82-8	Isopropylbenzene	0.54	U	0.54	4.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.65	U	0.65	4.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.48	U	0.48	4.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.0		70 (50) - 130 (163)	110%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		70 (54) - 130 (147)	100%	SPK: 50
2037-26-5	Toluene-d8	48.2		70 (58) - 130 (134)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.0		70 (29) - 130 (146)	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	84200	7.701			
540-36-3	1,4-Difluorobenzene	155000	8.61			
3114-55-4	Chlorobenzene-d5	140000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	50700	13.353			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	76.6
Sample Wt/Vol:	7.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019226.D	1		08/22/24 17:33	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.50	U	1.50	4.60	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.60	ug/Kg
75-01-4	Vinyl Chloride	0.71	U	0.71	4.60	ug/Kg
74-83-9	Bromomethane	0.96	U	0.96	4.60	ug/Kg
75-00-3	Chloroethane	0.94	U	0.94	4.60	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.99	U	0.99	4.60	ug/Kg
75-35-4	1,1-Dichloroethene	0.72	U	0.72	4.60	ug/Kg
67-64-1	Acetone	20.6	J	5.80	23.2	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	4.60	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.62	U	0.62	4.60	ug/Kg
75-09-2	Methylene Chloride	3.20	U	3.20	9.30	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.78	U	0.78	4.60	ug/Kg
75-34-3	1,1-Dichloroethane	0.58	U	0.58	4.60	ug/Kg
110-82-7	Cyclohexane	0.64	U	0.64	4.60	ug/Kg
78-93-3	2-Butanone	5.30	U	5.30	23.2	ug/Kg
56-23-5	Carbon Tetrachloride	0.81	U	0.81	4.60	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.10	J	0.57	4.60	ug/Kg
67-66-3	Chloroform	0.62	U	0.62	4.60	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.72	U	0.72	4.60	ug/Kg
108-87-2	Methylcyclohexane	0.81	U	0.81	4.60	ug/Kg
71-43-2	Benzene	0.67	U	0.67	4.60	ug/Kg
107-06-2	1,2-Dichloroethane	0.57	U	0.57	4.60	ug/Kg
79-01-6	Trichloroethene	1.10	J	0.70	4.60	ug/Kg
75-27-4	Bromodichloromethane	0.52	U	0.52	4.60	ug/Kg
108-88-3	Toluene	0.62	U	0.62	4.60	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.78	U	0.78	4.60	ug/Kg
124-48-1	Dibromochloromethane	0.60	U	0.60	4.60	ug/Kg
127-18-4	Tetrachloroethene	0.83	U	0.83	4.60	ug/Kg
108-90-7	Chlorobenzene	0.69	U	0.69	4.60	ug/Kg
100-41-4	Ethyl Benzene	0.58	U	0.58	4.60	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	76.6
Sample Wt/Vol:	7.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019226.D	1		08/22/24 17:33	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
179601-23-1	m/p-Xylenes	1.30	U	1.30	9.30	ug/Kg
1330-20-7	Total Xylenes	1.95	U	1.95	13.9	ug/Kg
95-47-6	o-Xylene	0.65	U	0.65	4.60	ug/Kg
98-82-8	Isopropylbenzene	0.62	U	0.62	4.60	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.74	U	0.74	4.60	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.55	U	0.55	4.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.0		70 (50) - 130 (163)	116%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		70 (54) - 130 (147)	100%	SPK: 50
2037-26-5	Toluene-d8	48.1		70 (58) - 130 (134)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.0		70 (29) - 130 (146)	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	93900	7.701			
540-36-3	1,4-Difluorobenzene	167000	8.61			
3114-55-4	Chlorobenzene-d5	153000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	46700	13.347			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-08	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	82
Sample Wt/Vol:	9.65 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019202.D	1		08/22/24 06:09	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	1.00	3.20	ug/Kg
74-87-3	Chloromethane	0.73	U	0.73	3.20	ug/Kg
75-01-4	Vinyl Chloride	0.49	U	0.49	3.20	ug/Kg
74-83-9	Bromomethane	0.65	U	0.65	3.20	ug/Kg
75-00-3	Chloroethane	0.64	U	0.64	3.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.68	U	0.68	3.20	ug/Kg
75-35-4	1,1-Dichloroethene	0.49	U	0.49	3.20	ug/Kg
67-64-1	Acetone	24.0		3.90	15.8	ug/Kg
75-15-0	Carbon Disulfide	0.81	U	0.81	3.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.42	U	0.42	3.20	ug/Kg
75-09-2	Methylene Chloride	2.20	U	2.20	6.30	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.53	U	0.53	3.20	ug/Kg
75-34-3	1,1-Dichloroethane	0.40	U	0.40	3.20	ug/Kg
110-82-7	Cyclohexane	0.44	U	0.44	3.20	ug/Kg
78-93-3	2-Butanone	4.10	J	3.60	15.8	ug/Kg
56-23-5	Carbon Tetrachloride	0.55	U	0.55	3.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.39	U	0.39	3.20	ug/Kg
67-66-3	Chloroform	0.42	U	0.42	3.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.49	U	0.49	3.20	ug/Kg
108-87-2	Methylcyclohexane	0.55	U	0.55	3.20	ug/Kg
71-43-2	Benzene	0.45	U	0.45	3.20	ug/Kg
107-06-2	1,2-Dichloroethane	0.39	U	0.39	3.20	ug/Kg
79-01-6	Trichloroethene	0.47	U	0.47	3.20	ug/Kg
75-27-4	Bromodichloromethane	0.35	U	0.35	3.20	ug/Kg
108-88-3	Toluene	0.42	U	0.42	3.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.53	U	0.53	3.20	ug/Kg
124-48-1	Dibromochloromethane	0.41	U	0.41	3.20	ug/Kg
127-18-4	Tetrachloroethene	0.56	U	0.56	3.20	ug/Kg
108-90-7	Chlorobenzene	0.47	U	0.47	3.20	ug/Kg
100-41-4	Ethyl Benzene	0.39	U	0.39	3.20	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-08	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	82
Sample Wt/Vol:	9.65 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019202.D	1		08/22/24 06:09	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
179601-23-1	m/p-Xylenes	0.85	U	0.85	6.30	ug/Kg
1330-20-7	Total Xylenes	1.29	U	1.29	9.50	ug/Kg
95-47-6	o-Xylene	0.44	U	0.44	3.20	ug/Kg
98-82-8	Isopropylbenzene	0.42	U	0.42	3.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.51	U	0.51	3.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.37	U	0.37	3.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.7		70 (50) - 130 (163)	113%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		70 (54) - 130 (147)	100%	SPK: 50
2037-26-5	Toluene-d8	48.6		70 (58) - 130 (134)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.2		70 (29) - 130 (146)	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	105000	7.707			
540-36-3	1,4-Difluorobenzene	186000	8.61			
3114-55-4	Chlorobenzene-d5	172000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	65400	13.353			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	48
Sample Wt/Vol:	5.47 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019203.D	1		08/22/24 06:33	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	3.10	U	3.10	9.50	ug/Kg
74-87-3	Chloromethane	2.20	U	2.20	9.50	ug/Kg
75-01-4	Vinyl Chloride	1.50	U	1.50	9.50	ug/Kg
74-83-9	Bromomethane	2.00	U	2.00	9.50	ug/Kg
75-00-3	Chloroethane	1.90	U	1.90	9.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.00	U	2.00	9.50	ug/Kg
75-35-4	1,1-Dichloroethene	1.50	U	1.50	9.50	ug/Kg
67-64-1	Acetone	11.9	U	11.9	47.6	ug/Kg
75-15-0	Carbon Disulfide	2.40	U	2.40	9.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.30	U	1.30	9.50	ug/Kg
75-09-2	Methylene Chloride	6.50	U	6.50	19.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.60	U	1.60	9.50	ug/Kg
75-34-3	1,1-Dichloroethane	1.20	U	1.20	9.50	ug/Kg
110-82-7	Cyclohexane	1.30	U	1.30	9.50	ug/Kg
78-93-3	2-Butanone	10.8	U	10.8	47.6	ug/Kg
56-23-5	Carbon Tetrachloride	1.70	U	1.70	9.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.20	U	1.20	9.50	ug/Kg
67-66-3	Chloroform	1.30	U	1.30	9.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.50	U	1.50	9.50	ug/Kg
108-87-2	Methylcyclohexane	1.70	U	1.70	9.50	ug/Kg
71-43-2	Benzene	1.40	U	1.40	9.50	ug/Kg
107-06-2	1,2-Dichloroethane	1.20	U	1.20	9.50	ug/Kg
79-01-6	Trichloroethene	1.40	U	1.40	9.50	ug/Kg
75-27-4	Bromodichloromethane	1.10	U	1.10	9.50	ug/Kg
108-88-3	Toluene	1.30	U	1.30	9.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.60	U	1.60	9.50	ug/Kg
124-48-1	Dibromochloromethane	1.20	U	1.20	9.50	ug/Kg
127-18-4	Tetrachloroethene	1.70	U	1.70	9.50	ug/Kg
108-90-7	Chlorobenzene	1.40	U	1.40	9.50	ug/Kg
100-41-4	Ethyl Benzene	1.20	U	1.20	9.50	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	48
Sample Wt/Vol:	5.47 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019203.D	1		08/22/24 06:33	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
1330-20-7	Total Xylenes	3.90	U	3.90	28.5	ug/Kg
179601-23-1	m/p-Xylenes	2.60	U	2.60	19.0	ug/Kg
95-47-6	o-Xylene	1.30	U	1.30	9.50	ug/Kg
98-82-8	Isopropylbenzene	1.30	U	1.30	9.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.50	U	1.50	9.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.10	U	1.10	9.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.6		70 (50) - 130 (163)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		70 (54) - 130 (147)	97%	SPK: 50
2037-26-5	Toluene-d8	51.1		70 (58) - 130 (134)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.2		70 (29) - 130 (146)	82%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	90900	7.701			
540-36-3	1,4-Difluorobenzene	164000	8.61			
3114-55-4	Chlorobenzene-d5	148000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	44900	13.353			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0-0.5-081924RE	SDG No.:	P3671
Lab Sample ID:	P3671-09RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	48
Sample Wt/Vol:	3.72 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019227.D	1		08/22/24 17:58	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	4.60	U	4.60	14.0	ug/Kg
74-87-3	Chloromethane	3.20	U	3.20	14.0	ug/Kg
75-01-4	Vinyl Chloride	2.20	U	2.20	14.0	ug/Kg
74-83-9	Bromomethane	2.90	U	2.90	14.0	ug/Kg
75-00-3	Chloroethane	2.80	U	2.80	14.0	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.00	U	3.00	14.0	ug/Kg
75-35-4	1,1-Dichloroethene	2.20	U	2.20	14.0	ug/Kg
67-64-1	Acetone	17.5	U	17.5	70.0	ug/Kg
75-15-0	Carbon Disulfide	3.60	U	3.60	14.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.90	U	1.90	14.0	ug/Kg
75-09-2	Methylene Chloride	9.50	U	9.50	28.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.40	U	2.40	14.0	ug/Kg
75-34-3	1,1-Dichloroethane	1.80	U	1.80	14.0	ug/Kg
110-82-7	Cyclohexane	1.90	U	1.90	14.0	ug/Kg
78-93-3	2-Butanone	15.9	U	15.9	70.0	ug/Kg
56-23-5	Carbon Tetrachloride	2.40	U	2.40	14.0	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.70	U	1.70	14.0	ug/Kg
67-66-3	Chloroform	1.90	U	1.90	14.0	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.20	U	2.20	14.0	ug/Kg
108-87-2	Methylcyclohexane	2.40	U	2.40	14.0	ug/Kg
71-43-2	Benzene	2.00	U	2.00	14.0	ug/Kg
107-06-2	1,2-Dichloroethane	1.70	U	1.70	14.0	ug/Kg
79-01-6	Trichloroethene	2.10	U	2.10	14.0	ug/Kg
75-27-4	Bromodichloromethane	1.60	U	1.60	14.0	ug/Kg
108-88-3	Toluene	1.90	U	1.90	14.0	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.40	U	2.40	14.0	ug/Kg
124-48-1	Dibromochloromethane	1.80	U	1.80	14.0	ug/Kg
127-18-4	Tetrachloroethene	2.50	U	2.50	14.0	ug/Kg
108-90-7	Chlorobenzene	2.10	U	2.10	14.0	ug/Kg
100-41-4	Ethyl Benzene	1.70	U	1.70	14.0	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0-0.5-081924RE	SDG No.:	P3671
Lab Sample ID:	P3671-09RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	48
Sample Wt/Vol:	3.72 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019227.D	1		08/22/24 17:58	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
179601-23-1	m/p-Xylenes	3.80	U	3.80	28.0	ug/Kg
1330-20-7	Total Xylenes	5.80	U	5.80	42.0	ug/Kg
95-47-6	o-Xylene	2.00	U	2.00	14.0	ug/Kg
98-82-8	Isopropylbenzene	1.90	U	1.90	14.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.20	U	2.20	14.0	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.70	U	1.70	14.0	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.9		70 (50) - 130 (163)	98%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		70 (54) - 130 (147)	101%	SPK: 50
2037-26-5	Toluene-d8	48.7		70 (58) - 130 (134)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	34.0	*	70 (29) - 130 (146)	68%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	73000	7.701			
540-36-3	1,4-Difluorobenzene	126000	8.609			
3114-55-4	Chlorobenzene-d5	105000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	28600	13.346			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-10	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	57.2
Sample Wt/Vol:	6.47 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019204.D	1		08/22/24 06:57	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	2.20	U	2.20	6.80	ug/Kg
74-87-3	Chloromethane	1.60	U	1.60	6.80	ug/Kg
75-01-4	Vinyl Chloride	1.00	U	1.00	6.80	ug/Kg
74-83-9	Bromomethane	1.40	U	1.40	6.80	ug/Kg
75-00-3	Chloroethane	1.40	U	1.40	6.80	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	U	1.40	6.80	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	6.80	ug/Kg
67-64-1	Acetone	8.40	U	8.40	33.8	ug/Kg
75-15-0	Carbon Disulfide	1.70	U	1.70	6.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.91	U	0.91	6.80	ug/Kg
75-09-2	Methylene Chloride	4.60	U	4.60	13.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.10	U	1.10	6.80	ug/Kg
75-34-3	1,1-Dichloroethane	0.85	U	0.85	6.80	ug/Kg
110-82-7	Cyclohexane	0.93	U	0.93	6.80	ug/Kg
78-93-3	2-Butanone	7.70	U	7.70	33.8	ug/Kg
56-23-5	Carbon Tetrachloride	1.20	U	1.20	6.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.82	U	0.82	6.80	ug/Kg
67-66-3	Chloroform	0.91	U	0.91	6.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.10	U	1.10	6.80	ug/Kg
108-87-2	Methylcyclohexane	1.20	U	1.20	6.80	ug/Kg
71-43-2	Benzene	0.97	U	0.97	6.80	ug/Kg
107-06-2	1,2-Dichloroethane	0.82	U	0.82	6.80	ug/Kg
79-01-6	Trichloroethene	1.00	U	1.00	6.80	ug/Kg
75-27-4	Bromodichloromethane	0.76	U	0.76	6.80	ug/Kg
108-88-3	Toluene	0.91	U	0.91	6.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.10	U	1.10	6.80	ug/Kg
124-48-1	Dibromochloromethane	0.88	U	0.88	6.80	ug/Kg
127-18-4	Tetrachloroethene	1.20	U	1.20	6.80	ug/Kg
108-90-7	Chlorobenzene	1.00	U	1.00	6.80	ug/Kg
100-41-4	Ethyl Benzene	0.84	U	0.84	6.80	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-10	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	57.2
Sample Wt/Vol:	6.47 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019204.D	1		08/22/24 06:57	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
1330-20-7	Total Xylenes	2.75	U	2.75	20.3	ug/Kg
179601-23-1	m/p-Xylenes	1.80	U	1.80	13.5	ug/Kg
95-47-6	o-Xylene	0.95	U	0.95	6.80	ug/Kg
98-82-8	Isopropylbenzene	0.91	U	0.91	6.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.10	U	1.10	6.80	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.80	U	0.80	6.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	18.0	*	70 (50) - 130 (163)	36%	SPK: 50
1868-53-7	Dibromofluoromethane	39.2		70 (54) - 130 (147)	78%	SPK: 50
2037-26-5	Toluene-d8	41.8		70 (58) - 130 (134)	84%	SPK: 50
460-00-4	4-Bromofluorobenzene	8.40	*	70 (29) - 130 (146)	17%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	6800	7.713			
540-36-3	1,4-Difluorobenzene	8010	8.609			
3114-55-4	Chlorobenzene-d5	3520	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	302	13.352			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0.5-1-081924RE	SDG No.:	P3671
Lab Sample ID:	P3671-10RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	57.2
Sample Wt/Vol:	4.77 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019228.D	1		08/22/24 18:22	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	3.00	U	3.00	9.20	ug/Kg
74-87-3	Chloromethane	2.10	U	2.10	9.20	ug/Kg
75-01-4	Vinyl Chloride	1.40	U	1.40	9.20	ug/Kg
74-83-9	Bromomethane	1.90	U	1.90	9.20	ug/Kg
75-00-3	Chloroethane	1.90	U	1.90	9.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.00	U	2.00	9.20	ug/Kg
75-35-4	1,1-Dichloroethene	1.40	U	1.40	9.20	ug/Kg
67-64-1	Acetone	11.4	U	11.4	45.8	ug/Kg
75-15-0	Carbon Disulfide	2.30	U	2.30	9.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.20	U	1.20	9.20	ug/Kg
75-09-2	Methylene Chloride	6.20	U	6.20	18.3	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.50	U	1.50	9.20	ug/Kg
75-34-3	1,1-Dichloroethane	1.20	U	1.20	9.20	ug/Kg
110-82-7	Cyclohexane	1.30	U	1.30	9.20	ug/Kg
78-93-3	2-Butanone	10.4	U	10.4	45.8	ug/Kg
56-23-5	Carbon Tetrachloride	1.60	U	1.60	9.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.10	U	1.10	9.20	ug/Kg
67-66-3	Chloroform	1.20	U	1.20	9.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.40	U	1.40	9.20	ug/Kg
108-87-2	Methylcyclohexane	1.60	U	1.60	9.20	ug/Kg
71-43-2	Benzene	1.30	U	1.30	9.20	ug/Kg
107-06-2	1,2-Dichloroethane	1.10	U	1.10	9.20	ug/Kg
79-01-6	Trichloroethene	1.40	U	1.40	9.20	ug/Kg
75-27-4	Bromodichloromethane	1.00	U	1.00	9.20	ug/Kg
108-88-3	Toluene	1.20	U	1.20	9.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.50	U	1.50	9.20	ug/Kg
124-48-1	Dibromochloromethane	1.20	U	1.20	9.20	ug/Kg
127-18-4	Tetrachloroethene	1.60	U	1.60	9.20	ug/Kg
108-90-7	Chlorobenzene	1.40	U	1.40	9.20	ug/Kg
100-41-4	Ethyl Benzene	1.10	U	1.10	9.20	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0.5-1-081924RE	SDG No.:	P3671
Lab Sample ID:	P3671-10RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	57.2
Sample Wt/Vol:	4.77 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019228.D	1		08/22/24 18:22	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
1330-20-7	Total Xylenes	3.80	U	3.80	27.5	ug/Kg
179601-23-1	m/p-Xylenes	2.50	U	2.50	18.3	ug/Kg
95-47-6	o-Xylene	1.30	U	1.30	9.20	ug/Kg
98-82-8	Isopropylbenzene	1.20	U	1.20	9.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.50	U	1.50	9.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.10	U	1.10	9.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.0		70 (50) - 130 (163)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	47.9		70 (54) - 130 (147)	96%	SPK: 50
2037-26-5	Toluene-d8	47.5		70 (58) - 130 (134)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	34.3	*	70 (29) - 130 (146)	69%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	72700	7.701			
540-36-3	1,4-Difluorobenzene	131000	8.609			
3114-55-4	Chlorobenzene-d5	108000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	28700	13.346			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	83.5
Sample Wt/Vol:	7.77 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019205.D	1		08/22/24 07:21	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.30	U	1.30	3.90	ug/Kg
74-87-3	Chloromethane	0.89	U	0.89	3.90	ug/Kg
75-01-4	Vinyl Chloride	0.59	U	0.59	3.90	ug/Kg
74-83-9	Bromomethane	0.79	U	0.79	3.90	ug/Kg
75-00-3	Chloroethane	0.78	U	0.78	3.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.82	U	0.82	3.90	ug/Kg
75-35-4	1,1-Dichloroethene	0.60	U	0.60	3.90	ug/Kg
67-64-1	Acetone	4.80	U	4.80	19.3	ug/Kg
75-15-0	Carbon Disulfide	0.99	U	0.99	3.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.52	U	0.52	3.90	ug/Kg
75-09-2	Methylene Chloride	2.60	U	2.60	7.70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.65	U	0.65	3.90	ug/Kg
75-34-3	1,1-Dichloroethane	0.49	U	0.49	3.90	ug/Kg
110-82-7	Cyclohexane	0.53	U	0.53	3.90	ug/Kg
78-93-3	2-Butanone	4.40	U	4.40	19.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.67	U	0.67	3.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.47	U	0.47	3.90	ug/Kg
67-66-3	Chloroform	0.52	U	0.52	3.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.60	U	0.60	3.90	ug/Kg
108-87-2	Methylcyclohexane	0.67	U	0.67	3.90	ug/Kg
71-43-2	Benzene	0.55	U	0.55	3.90	ug/Kg
107-06-2	1,2-Dichloroethane	0.47	U	0.47	3.90	ug/Kg
79-01-6	Trichloroethene	1.10	J	0.58	3.90	ug/Kg
75-27-4	Bromodichloromethane	0.43	U	0.43	3.90	ug/Kg
108-88-3	Toluene	0.52	U	0.52	3.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.65	U	0.65	3.90	ug/Kg
124-48-1	Dibromochloromethane	0.50	U	0.50	3.90	ug/Kg
127-18-4	Tetrachloroethene	1.40	J	0.69	3.90	ug/Kg
108-90-7	Chlorobenzene	0.57	U	0.57	3.90	ug/Kg
100-41-4	Ethyl Benzene	0.48	U	0.48	3.90	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	83.5
Sample Wt/Vol:	7.77 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019205.D	1		08/22/24 07:21	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
179601-23-1	m/p-Xylenes	1.00	U	1.00	7.70	ug/Kg
1330-20-7	Total Xylenes	1.54	U	1.54	11.6	ug/Kg
95-47-6	o-Xylene	0.54	U	0.54	3.90	ug/Kg
98-82-8	Isopropylbenzene	0.52	U	0.52	3.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.62	U	0.62	3.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.45	U	0.45	3.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.0		70 (50) - 130 (163)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		70 (54) - 130 (147)	99%	SPK: 50
2037-26-5	Toluene-d8	48.4		70 (58) - 130 (134)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.2		70 (29) - 130 (146)	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	103000	7.701			
540-36-3	1,4-Difluorobenzene	183000	8.61			
3114-55-4	Chlorobenzene-d5	164000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	64400	13.353			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-12	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	85.8
Sample Wt/Vol:	8.2 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019206.D	1		08/22/24 07:45	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	3.60	ug/Kg
74-87-3	Chloromethane	0.82	U	0.82	3.60	ug/Kg
75-01-4	Vinyl Chloride	0.55	U	0.55	3.60	ug/Kg
74-83-9	Bromomethane	0.73	U	0.73	3.60	ug/Kg
75-00-3	Chloroethane	0.72	U	0.72	3.60	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.76	U	0.76	3.60	ug/Kg
75-35-4	1,1-Dichloroethene	0.55	U	0.55	3.60	ug/Kg
67-64-1	Acetone	4.40	U	4.40	17.8	ug/Kg
75-15-0	Carbon Disulfide	0.91	U	0.91	3.60	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.48	U	0.48	3.60	ug/Kg
75-09-2	Methylene Chloride	2.40	U	2.40	7.10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.60	U	0.60	3.60	ug/Kg
75-34-3	1,1-Dichloroethane	0.45	U	0.45	3.60	ug/Kg
110-82-7	Cyclohexane	0.49	U	0.49	3.60	ug/Kg
78-93-3	2-Butanone	4.00	U	4.00	17.8	ug/Kg
56-23-5	Carbon Tetrachloride	0.62	U	0.62	3.60	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.43	U	0.43	3.60	ug/Kg
67-66-3	Chloroform	0.48	U	0.48	3.60	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.55	U	0.55	3.60	ug/Kg
108-87-2	Methylcyclohexane	0.62	U	0.62	3.60	ug/Kg
71-43-2	Benzene	0.51	U	0.51	3.60	ug/Kg
107-06-2	1,2-Dichloroethane	0.43	U	0.43	3.60	ug/Kg
79-01-6	Trichloroethene	3.40	J	0.53	3.60	ug/Kg
75-27-4	Bromodichloromethane	0.40	U	0.40	3.60	ug/Kg
108-88-3	Toluene	0.48	U	0.48	3.60	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.60	U	0.60	3.60	ug/Kg
124-48-1	Dibromochloromethane	0.46	U	0.46	3.60	ug/Kg
127-18-4	Tetrachloroethene	4.00		0.63	3.60	ug/Kg
108-90-7	Chlorobenzene	0.53	U	0.53	3.60	ug/Kg
100-41-4	Ethyl Benzene	0.44	U	0.44	3.60	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-12	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	85.8
Sample Wt/Vol:	8.2 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019206.D	1		08/22/24 07:45	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
179601-23-1	m/p-Xylenes	0.96	U	0.96	7.10	ug/Kg
1330-20-7	Total Xylenes	1.46	U	1.46	10.7	ug/Kg
95-47-6	o-Xylene	0.50	U	0.50	3.60	ug/Kg
98-82-8	Isopropylbenzene	0.48	U	0.48	3.60	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.57	U	0.57	3.60	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.42	U	0.42	3.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.0		70 (50) - 130 (163)	96%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		70 (54) - 130 (147)	103%	SPK: 50
2037-26-5	Toluene-d8	52.2		70 (58) - 130 (134)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.3		70 (29) - 130 (146)	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	101000	7.701			
540-36-3	1,4-Difluorobenzene	169000	8.609			
3114-55-4	Chlorobenzene-d5	158000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	52000	13.352			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-13	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	30.6
Sample Wt/Vol:	4.61 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019207.D	1		08/22/24 08:09	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	5.80	U	5.80	17.7	ug/Kg
74-87-3	Chloromethane	4.10	U	4.10	17.7	ug/Kg
75-01-4	Vinyl Chloride	2.70	U	2.70	17.7	ug/Kg
74-83-9	Bromomethane	3.70	U	3.70	17.7	ug/Kg
75-00-3	Chloroethane	3.60	U	3.60	17.7	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.80	U	3.80	17.7	ug/Kg
75-35-4	1,1-Dichloroethene	2.80	U	2.80	17.7	ug/Kg
67-64-1	Acetone	22.1	U	22.1	88.6	ug/Kg
75-15-0	Carbon Disulfide	4.50	U	4.50	17.7	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.40	U	2.40	17.7	ug/Kg
75-09-2	Methylene Chloride	12.1	U	12.1	35.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.00	U	3.00	17.7	ug/Kg
75-34-3	1,1-Dichloroethane	2.20	U	2.20	17.7	ug/Kg
110-82-7	Cyclohexane	2.40	U	2.40	17.7	ug/Kg
78-93-3	2-Butanone	20.1	U	20.1	88.6	ug/Kg
56-23-5	Carbon Tetrachloride	3.10	U	3.10	17.7	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.20	U	2.20	17.7	ug/Kg
67-66-3	Chloroform	2.40	U	2.40	17.7	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.80	U	2.80	17.7	ug/Kg
108-87-2	Methylcyclohexane	3.10	U	3.10	17.7	ug/Kg
71-43-2	Benzene	2.60	U	2.60	17.7	ug/Kg
107-06-2	1,2-Dichloroethane	2.20	U	2.20	17.7	ug/Kg
79-01-6	Trichloroethene	2.70	U	2.70	17.7	ug/Kg
75-27-4	Bromodichloromethane	2.00	U	2.00	17.7	ug/Kg
108-88-3	Toluene	2.40	U	2.40	17.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	3.00	U	3.00	17.7	ug/Kg
124-48-1	Dibromochloromethane	2.30	U	2.30	17.7	ug/Kg
127-18-4	Tetrachloroethene	3.20	U	3.20	17.7	ug/Kg
108-90-7	Chlorobenzene	2.60	U	2.60	17.7	ug/Kg
100-41-4	Ethyl Benzene	2.20	U	2.20	17.7	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-13	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	30.6
Sample Wt/Vol:	4.61 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019207.D	1		08/22/24 08:09	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
179601-23-1	m/p-Xylenes	4.80	U	4.80	35.4	ug/Kg
1330-20-7	Total Xylenes	7.30	U	7.30	53.1	ug/Kg
95-47-6	o-Xylene	2.50	U	2.50	17.7	ug/Kg
98-82-8	Isopropylbenzene	2.40	U	2.40	17.7	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.80	U	2.80	17.7	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.10	U	2.10	17.7	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.2		70 (50) - 130 (163)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		70 (54) - 130 (147)	103%	SPK: 50
2037-26-5	Toluene-d8	48.1		70 (58) - 130 (134)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	28.3	*	70 (29) - 130 (146)	57%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	99500	7.701			
540-36-3	1,4-Difluorobenzene	164000	8.61			
3114-55-4	Chlorobenzene-d5	120000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	27200	13.353			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0-0.5-081924RE	SDG No.:	P3671
Lab Sample ID:	P3671-13RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	30.6
Sample Wt/Vol:	2.87 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019229.D	1		08/22/24 18:46	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	9.40	U	9.40	28.5	ug/Kg
74-87-3	Chloromethane	6.60	U	6.60	28.5	ug/Kg
75-01-4	Vinyl Chloride	4.40	U	4.40	28.5	ug/Kg
74-83-9	Bromomethane	5.90	U	5.90	28.5	ug/Kg
75-00-3	Chloroethane	5.80	U	5.80	28.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	6.10	U	6.10	28.5	ug/Kg
75-35-4	1,1-Dichloroethene	4.40	U	4.40	28.5	ug/Kg
67-64-1	Acetone	35.5	U	35.5	140	ug/Kg
75-15-0	Carbon Disulfide	7.30	U	7.30	28.5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	3.80	U	3.80	28.5	ug/Kg
75-09-2	Methylene Chloride	19.4	U	19.4	56.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.80	U	4.80	28.5	ug/Kg
75-34-3	1,1-Dichloroethane	3.60	U	3.60	28.5	ug/Kg
110-82-7	Cyclohexane	3.90	U	3.90	28.5	ug/Kg
78-93-3	2-Butanone	32.3	U	32.3	140	ug/Kg
56-23-5	Carbon Tetrachloride	5.00	U	5.00	28.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	3.50	U	3.50	28.5	ug/Kg
67-66-3	Chloroform	3.80	U	3.80	28.5	ug/Kg
71-55-6	1,1,1-Trichloroethane	4.40	U	4.40	28.5	ug/Kg
108-87-2	Methylcyclohexane	5.00	U	5.00	28.5	ug/Kg
71-43-2	Benzene	4.10	U	4.10	28.5	ug/Kg
107-06-2	1,2-Dichloroethane	3.50	U	3.50	28.5	ug/Kg
79-01-6	Trichloroethene	4.30	U	4.30	28.5	ug/Kg
75-27-4	Bromodichloromethane	3.20	U	3.20	28.5	ug/Kg
108-88-3	Toluene	3.80	U	3.80	28.5	ug/Kg
79-00-5	1,1,2-Trichloroethane	4.80	U	4.80	28.5	ug/Kg
124-48-1	Dibromochloromethane	3.70	U	3.70	28.5	ug/Kg
127-18-4	Tetrachloroethene	5.10	U	5.10	28.5	ug/Kg
108-90-7	Chlorobenzene	4.20	U	4.20	28.5	ug/Kg
100-41-4	Ethyl Benzene	3.50	U	3.50	28.5	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0-0.5-081924RE	SDG No.:	P3671
Lab Sample ID:	P3671-13RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	30.6
Sample Wt/Vol:	2.87 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019229.D	1		08/22/24 18:46	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
179601-23-1	m/p-Xylenes	7.70	U	7.70	56.9	ug/Kg
1330-20-7	Total Xylenes	11.7	U	11.7	85.4	ug/Kg
95-47-6	o-Xylene	4.00	U	4.00	28.5	ug/Kg
98-82-8	Isopropylbenzene	3.80	U	3.80	28.5	ug/Kg
106-46-7	1,4-Dichlorobenzene	4.60	U	4.60	28.5	ug/Kg
95-50-1	1,2-Dichlorobenzene	3.40	U	3.40	28.5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.9		70 (50) - 130 (163)	96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		70 (54) - 130 (147)	99%	SPK: 50
2037-26-5	Toluene-d8	46.9		70 (58) - 130 (134)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	27.5	*	70 (29) - 130 (146)	55%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	85900	7.701			
540-36-3	1,4-Difluorobenzene	144000	8.61			
3114-55-4	Chlorobenzene-d5	108000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	27300	13.347			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-14	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	51.5
Sample Wt/Vol:	4.18 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019230.D	1		08/22/24 19:10	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	3.80	U	3.80	11.6	ug/Kg
74-87-3	Chloromethane	2.70	U	2.70	11.6	ug/Kg
75-01-4	Vinyl Chloride	1.80	U	1.80	11.6	ug/Kg
74-83-9	Bromomethane	2.40	U	2.40	11.6	ug/Kg
75-00-3	Chloroethane	2.30	U	2.30	11.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	2.50	11.6	ug/Kg
75-35-4	1,1-Dichloroethene	1.80	U	1.80	11.6	ug/Kg
67-64-1	Acetone	14.5	U	14.5	58.1	ug/Kg
75-15-0	Carbon Disulfide	3.00	U	3.00	11.6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.60	U	1.60	11.6	ug/Kg
75-09-2	Methylene Chloride	7.90	U	7.90	23.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.00	U	2.00	11.6	ug/Kg
75-34-3	1,1-Dichloroethane	1.50	U	1.50	11.6	ug/Kg
110-82-7	Cyclohexane	1.60	U	1.60	11.6	ug/Kg
78-93-3	2-Butanone	13.2	U	13.2	58.1	ug/Kg
56-23-5	Carbon Tetrachloride	2.00	U	2.00	11.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.40	U	1.40	11.6	ug/Kg
67-66-3	Chloroform	1.60	U	1.60	11.6	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.80	U	1.80	11.6	ug/Kg
108-87-2	Methylcyclohexane	2.00	U	2.00	11.6	ug/Kg
71-43-2	Benzene	1.70	U	1.70	11.6	ug/Kg
107-06-2	1,2-Dichloroethane	1.40	U	1.40	11.6	ug/Kg
79-01-6	Trichloroethene	1.70	U	1.70	11.6	ug/Kg
75-27-4	Bromodichloromethane	1.30	U	1.30	11.6	ug/Kg
108-88-3	Toluene	1.60	U	1.60	11.6	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.00	U	2.00	11.6	ug/Kg
124-48-1	Dibromochloromethane	1.50	U	1.50	11.6	ug/Kg
127-18-4	Tetrachloroethene	2.10	U	2.10	11.6	ug/Kg
108-90-7	Chlorobenzene	1.70	U	1.70	11.6	ug/Kg
100-41-4	Ethyl Benzene	1.40	U	1.40	11.6	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-14	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	51.5
Sample Wt/Vol:	4.18 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019230.D	1		08/22/24 19:10	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
179601-23-1	m/p-Xylenes	3.10	U	3.10	23.2	ug/Kg
1330-20-7	Total Xylenes	4.70	U	4.70	34.8	ug/Kg
95-47-6	o-Xylene	1.60	U	1.60	11.6	ug/Kg
98-82-8	Isopropylbenzene	1.60	U	1.60	11.6	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.90	U	1.90	11.6	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.40	U	1.40	11.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.8		70 (50) - 130 (163)	120%	SPK: 50
1868-53-7	Dibromofluoromethane	46.2		70 (54) - 130 (147)	92%	SPK: 50
2037-26-5	Toluene-d8	48.5		70 (58) - 130 (134)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	36.8		70 (29) - 130 (146)	74%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	88600	7.701			
540-36-3	1,4-Difluorobenzene	160000	8.609			
3114-55-4	Chlorobenzene-d5	125000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	42300	13.346			

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:	P3671	OrderDate:	8/20/2024 10:36:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	G11,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3671-01	S-904-J-SO-0-0.5-081 924	SOIL			08/19/24			08/19/24
			VOCMS Group5	8260D			08/22/24	
P3671-02	S-904-J-SO-0.5-1.0-0 81924	SOIL			08/19/24			08/19/24
			VOCMS Group5	8260D			08/22/24	
P3671-03	S-911-K1-SO-0-0.5-08 1924	SOIL			08/19/24			08/19/24
			VOCMS Group5	8260D			08/22/24	
P3671-03RE	S-911-K1-SO-0-0.5-08 1924RE	SOIL			08/19/24			08/19/24
			VOCMS Group5	8260D			08/22/24	
P3671-04	S-911-K1-SO-0.5-1-08 1924	SOIL			08/19/24			08/19/24
			VOCMS Group5	8260D			08/22/24	
P3671-04RE	S-911-K1-SO-0.5-1-08 1924RE	SOIL			08/19/24			08/19/24
			VOCMS Group5	8260D			08/22/24	
P3671-05	S-911-K1-SO-0-0.5-08 1924-FD	SOIL			08/19/24			08/19/24
			VOCMS Group5	8260D			08/22/24	
P3671-05RE	S-911-K1-SO-0-0.5-08 1924-FDRE	SOIL			08/19/24			08/19/24
			VOCMS Group5	8260D			08/22/24	
P3671-06	S-905-KJ-SO-0-0.5-08 1924	SOIL			08/19/24			08/19/24
			VOCMS Group5	8260D			08/22/24	

LAB CHRONICLE

P3671-07	S-905-KJ-SO-0-0.5-08 1924-FD	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-08	S-905-J-SO-0.5-1.0-0 81924	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-09	S-928-K1-SO-0-0.5-08 1924	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-09RE	S-928-K1-SO-0-0.5-08 1924RE	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-10	S-928-K1-SO-0.5-1-08 1924	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-10RE	S-928-K1-SO-0.5-1-08 1924RE	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-11	S-903-J-SO-0-0.5-081 924	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-12	S-903-J-SO-0.5-1.0-0 81924	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-13	S-912-J-SO-0-0.5-081 924	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-13RE	S-912-J-SO-0-0.5-081 924RE	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-14	S-912-J-SO-0.5-1-081 924	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24

LAB CHRONICLE

P3671-15	TB-01-081924	Water	VOCMS Group6	8260-Low	08/19/24	08/22/24	08/19/24
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Hit Summary Sheet
SW-846

SDG No.: P3671

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID:

0

Total Voc :

Total Concentration:

A

B

C

D



SAMPLE DATA

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	TB-01-081924	SDG No.:	P3671
Lab Sample ID:	P3671-15	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group6
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN083436.D	1		08/22/24 15:20	VN082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	TB-01-081924	SDG No.:	P3671
Lab Sample ID:	P3671-15	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group6
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN083436.D	1		08/22/24 15:20	VN082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
1330-20-7	Total Xylenes	0.45	U	0.45	3.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.1		70 (74) - 130 (125)	118%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	50.0		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.6		70 (77) - 130 (121)	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	128000	8.224			
540-36-3	1,4-Difluorobenzene	263000	9.1			
3114-55-4	Chlorobenzene-d5	286000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	137000	13.794			

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:	P3671	OrderDate:	8/20/2024 10:36:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	G11,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3671-01	S-904-J-SO-0-0.5-081 924	SOIL	VOCMS Group5	8260D	08/19/24		08/22/24	08/19/24
P3671-02	S-904-J-SO-0.5-1.0-0 81924	SOIL	VOCMS Group5	8260D	08/19/24		08/22/24	08/19/24
P3671-03	S-911-K1-SO-0-0.5-08 1924	SOIL	VOCMS Group5	8260D	08/19/24		08/22/24	08/19/24
P3671-03RE	S-911-K1-SO-0-0.5-08 1924RE	SOIL	VOCMS Group5	8260D	08/19/24		08/22/24	08/19/24
P3671-04	S-911-K1-SO-0.5-1-08 1924	SOIL	VOCMS Group5	8260D	08/19/24		08/22/24	08/19/24
P3671-04RE	S-911-K1-SO-0.5-1-08 1924RE	SOIL	VOCMS Group5	8260D	08/19/24		08/22/24	08/19/24
P3671-05	S-911-K1-SO-0-0.5-08 1924-FD	SOIL	VOCMS Group5	8260D	08/19/24		08/22/24	08/19/24
P3671-05RE	S-911-K1-SO-0-0.5-08 1924-FDRE	SOIL	VOCMS Group5	8260D	08/19/24		08/22/24	08/19/24
P3671-06	S-905-KJ-SO-0-0.5-08 1924	SOIL	VOCMS Group5	8260D	08/19/24		08/22/24	08/19/24

LAB CHRONICLE

P3671-07	S-905-KJ-SO-0-0.5-08 1924-FD	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-08	S-905-J-SO-0.5-1.0-0 81924	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-09	S-928-K1-SO-0-0.5-08 1924	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-09RE	S-928-K1-SO-0-0.5-08 1924RE	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-10	S-928-K1-SO-0.5-1-08 1924	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-10RE	S-928-K1-SO-0.5-1-08 1924RE	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-11	S-903-J-SO-0-0.5-081 924	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-12	S-903-J-SO-0.5-1.0-0 81924	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-13	S-912-J-SO-0-0.5-081 924	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-13RE	S-912-J-SO-0-0.5-081 924RE	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24
P3671-14	S-912-J-SO-0.5-1-081 924	SOIL		08/19/24	08/19/24
			VOCMS Group5	8260D	08/22/24

LAB CHRONICLE

P3671-15	TB-01-081924	Water	VOCMS Group6	8260-Low	08/19/24	08/22/24	08/19/24
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Hit Summary Sheet SW-846

SDG No.: P3671
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : S-904-J-SO-0-0.5-081924								
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Acenaphthene	640.000		110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Dibenzofuran	420.000		120	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Fluorene	790.000		120	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Phenanthrene	6,100.000	E	120	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Anthracene	1,800.000		120	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Carbazole	920.000		110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Fluoranthene	5,900.000	E	110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Pyrene	5,300.000	E	120	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Benzo(a)anthracene	3,000.000		110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Chrysene	3,100.000		110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Benzo(b)fluoranthene	3,400.000		110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Benzo(k)fluoranthene	1,200.000		120	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Benzo(a)pyrene	2,800.000		130	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Indeno(1,2,3-cd)pyrene	1,500.000		110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Dibenzo(a,h)anthracene	440.000		110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Benzo(g,h,i)perylene	1,700.000		110	240	ug/Kg
Total Svoc :				39,010.00				
Total Concentration:				39,010.00				
Client ID : S-904-J-SO-0-0.5-081924DL								
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Acenaphthene	790.000	JD	570	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Fluorene	930.000	JD	600	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Phenanthrene	8,200.000	D	590	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Anthracene	2,200.000	D	590	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Carbazole	910.000	JD	560	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Fluoranthene	7,700.000	D	570	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Pyrene	7,300.000	D	580	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Benzo(a)anthracene	3,700.000	D	570	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Chrysene	3,700.000	D	560	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Benzo(b)fluoranthene	3,800.000	D	570	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Benzo(k)fluoranthene	1,400.000	D	580	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Benzo(a)pyrene	3,300.000	D	650	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Indeno(1,2,3-cd)pyrene	1,500.000	D	550	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Benzo(g,h,i)perylene	2,100.000	D	560	1200	ug/Kg
Total Svoc :				47,530.00				
Total Concentration:				47,530.00				

Client ID : S-904-J-SO-0.5-1.0-081924

Hit Summary Sheet SW-846

SDG No.: P3671
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Acenaphthene	210.000		100	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Dibenzofuran	110.000	J	110	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Fluorene	230.000		110	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Phenanthrene	2,300.000		110	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Anthracene	570.000		110	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Carbazole	290.000		100	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Fluoranthene	3,100.000		100	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Pyrene	2,800.000		100	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Benzo(a)anthracene	1,700.000		100	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Chrysene	2,100.000		99.5	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Benzo(b)fluoranthene	1,800.000		100	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Benzo(k)fluoranthene	670.000		100	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Benzo(a)pyrene	1,600.000		120	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Indeno(1,2,3-cd)pyrene	800.000		97.8	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Dibenzo(a,h)anthracene	270.000		100	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Benzo(g,h,i)perylene	970.000		100	210	ug/Kg
Total Svoc :				19,520.00				
Total Concentration:				19,520.00				
Client ID :	S-911-K1-SO-0-0.5-081924-FD							
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Fluoranthene	410.000	J	230	490	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Pyrene	350.000	J	240	490	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Chrysene	240.000	J	230	490	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Benzo(b)fluoranthene	300.000	J	230	490	ug/Kg
Total Svoc :				1,300.00				
Total Concentration:				1,300.00				
Client ID :	S-905-KJ-SO-0-0.5-081924							
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Phenanthrene	750.000		110	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Anthracene	160.000	J	110	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Fluoranthene	1,100.000		100	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Pyrene	830.000		110	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(a)anthracene	450.000		100	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Chrysene	460.000		100	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(b)fluoranthene	560.000		100	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(k)fluoranthene	210.000	J	110	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(a)pyrene	460.000		120	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Indeno(1,2,3-cd)pyrene	230.000		99.8	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(g,h,i)perylene	270.000		100	220	ug/Kg
Total Svoc :				5,480.00				
Total Concentration:				5,480.00				

Hit Summary Sheet SW-846

SDG No.: P3671

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : S-905-KJ-SO-0-0.5-081924-FD								
P3671-07	S-905-KJ-SO-0-0.5-0819: SOIL		Phenanthrene	290.000		110	220	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819: SOIL		Fluoranthene	820.000		110	220	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819: SOIL		Pyrene	710.000		110	220	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819: SOIL		Benzo(a)anthracene	540.000		110	220	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819: SOIL		Chrysene	500.000		100	220	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819: SOIL		Benzo(b)fluoranthene	700.000		110	220	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819: SOIL		Benzo(k)fluoranthene	210.000	J	110	220	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819: SOIL		Benzo(a)pyrene	530.000		120	220	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819: SOIL		Indeno(1,2,3-cd)pyrene	240.000		100	220	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819: SOIL		Benzo(g,h,i)perylene	250.000		100	220	ug/Kg
Total Svoc :				4,790.00				
Total Concentration:				4,790.00				
Client ID : S-905-J-SO-0.5-1.0-081924								
P3671-08	S-905-J-SO-0.5-1.0-0819: SOIL		Acenaphthene	110.000	J	98.7	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819: SOIL		Phenanthrene	770.000		100	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819: SOIL		Anthracene	190.000	J	100	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819: SOIL		Fluoranthene	1,800.000		99.4	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819: SOIL		Pyrene	1,600.000		100	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819: SOIL		Benzo(a)anthracene	1,300.000		98.2	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819: SOIL		Chrysene	1,100.000		96.8	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819: SOIL		Benzo(b)fluoranthene	1,400.000		98.7	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819: SOIL		Benzo(k)fluoranthene	610.000		100	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819: SOIL		Benzo(a)pyrene	1,200.000		110	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819: SOIL		Indeno(1,2,3-cd)pyrene	430.000		95.1	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819: SOIL		Dibenzo(a,h)anthracene	140.000	J	98.8	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819: SOIL		Benzo(g,h,i)perylene	450.000		97.5	210	ug/Kg
Total Svoc :				11,100.00				
Total Concentration:				11,100.00				
Client ID : S-903-J-SO-0-0.5-081924								
P3671-11	S-903-J-SO-0-0.5-081924 SOIL		Phenanthrene	1,300.000		100	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924 SOIL		Anthracene	170.000	J	100	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924 SOIL		Carbazole	110.000	J	96.1	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924 SOIL		Fluoranthene	2,200.000		97.7	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924 SOIL		Pyrene	1,800.000		99.3	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924 SOIL		Benzo(a)anthracene	840.000		96.6	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924 SOIL		Chrysene	1,000.000		95.1	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924 SOIL		Benzo(b)fluoranthene	1,200.000		97	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924 SOIL		Benzo(k)fluoranthene	410.000		98.8	200	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: P3671
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Benzo(a)pyrene	900.000		110	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Indeno(1,2,3-cd)pyrene	520.000		93.4	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Dibenzo(a,h)anthracene	150.000	J	97.1	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Benzo(g,h,i)perylene	590.000		95.8	200	ug/Kg
Total Svoc :				11,190.00				
Total Concentration:				11,190.00				
Client ID : S-903-J-SO-0.5-1.0-081924								
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Phenanthrene	230.000		97.9	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Fluoranthene	510.000		95.2	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Pyrene	360.000		96.7	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(a)anthracene	190.000	J	94	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Chrysene	210.000		92.6	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(b)fluoranthene	250.000		94.5	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(k)fluoranthene	130.000	J	96.2	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(a)pyrene	200.000		110	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Indeno(1,2,3-cd)pyrene	110.000	J	91	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(g,h,i)perylene	220.000		93.3	200	ug/Kg
Total Svoc :				2,410.00				
Total Concentration:				2,410.00				



SAMPLE DATA

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	71.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021614.D	1	08/21/24 08:50	08/22/24 15:04	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	110	U	110	240	ug/Kg
100-52-7	Benzaldehyde	250	U	250	460	ug/Kg
95-48-7	2-Methylphenol	110	U	110	240	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	460	ug/Kg
67-72-1	Hexachloroethane	120	U	120	240	ug/Kg
98-95-3	Nitrobenzene	130	U	130	240	ug/Kg
91-20-3	Naphthalene	120	U	120	240	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	240	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	240	ug/Kg
208-96-8	Acenaphthylene	120	U	120	240	ug/Kg
83-32-9	Acenaphthene	640		110	240	ug/Kg
132-64-9	Dibenzofuran	420		120	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	240	ug/Kg
86-73-7	Fluorene	790		120	240	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	240	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	460	ug/Kg
85-01-8	Phenanthrene	6100	E	120	240	ug/Kg
120-12-7	Anthracene	1800		120	240	ug/Kg
86-74-8	Carbazole	920		110	240	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	240	ug/Kg
206-44-0	Fluoranthene	5900	E	110	240	ug/Kg
129-00-0	Pyrene	5300	E	120	240	ug/Kg
56-55-3	Benzo(a)anthracene	3000		110	240	ug/Kg
218-01-9	Chrysene	3100		110	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	3400		110	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		120	240	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	71.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021614.D	1	08/21/24 08:50	08/22/24 15:04	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
50-32-8	Benzo(a)pyrene	2800		130	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		110	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	440		110	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		110	240	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	240	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	240	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	67.8		30 (18) - 130 (112)	45%	SPK: 150
13127-88-3	Phenol-d6	68.6		30 (15) - 130 (107)	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.8		30 (18) - 130 (107)	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	32.5		30 (20) - 130 (109)	32%	SPK: 100
118-79-6	2,4,6-Tribromophenol	83.5		30 (10) - 130 (116)	56%	SPK: 150
1718-51-0	Terphenyl-d14	31.3		30 (10) - 130 (105)	31%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	316000	7.799
1146-65-2	Naphthalene-d8	1340000	10.587
15067-26-2	Acenaphthene-d10	940000	14.451
1517-22-2	Phenanthrene-d10	2170000	17.257
1719-03-5	Chrysene-d12	1950000	21.733
1520-96-3	Perylene-d12	2310000	25.156

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0-0.5-081924DL	SDG No.:	P3671
Lab Sample ID:	P3671-01DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	71.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BF139161.D	5	08/21/24 08:50	08/26/24 10:51	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	560	UD	560	1200	ug/Kg
100-52-7	Benzaldehyde	1300	UD	1300	2300	ug/Kg
95-48-7	2-Methylphenol	560	UD	560	1200	ug/Kg
65794-96-9	3+4-Methylphenols	560	UD	560	2300	ug/Kg
67-72-1	Hexachloroethane	580	UD	580	1200	ug/Kg
98-95-3	Nitrobenzene	640	UD	640	1200	ug/Kg
91-20-3	Naphthalene	580	UD	580	1200	ug/Kg
87-68-3	Hexachlorobutadiene	580	UD	580	1200	ug/Kg
91-57-6	2-Methylnaphthalene	580	UD	580	1200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	500	UD	500	1200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	520	UD	520	1200	ug/Kg
208-96-8	Acenaphthylene	610	UD	610	1200	ug/Kg
83-32-9	Acenaphthene	790	JD	570	1200	ug/Kg
132-64-9	Dibenzofuran	590	UD	590	1200	ug/Kg
121-14-2	2,4-Dinitrotoluene	600	UD	600	1200	ug/Kg
86-73-7	Fluorene	930	JD	600	1200	ug/Kg
118-74-1	Hexachlorobenzene	600	UD	600	1200	ug/Kg
87-86-5	Pentachlorophenol	540	UD	540	2300	ug/Kg
85-01-8	Phenanthrene	8200	D	590	1200	ug/Kg
120-12-7	Anthracene	2200	D	590	1200	ug/Kg
86-74-8	Carbazole	910	JD	560	1200	ug/Kg
84-74-2	Di-n-butylphthalate	590	UD	590	1200	ug/Kg
206-44-0	Fluoranthene	7700	D	570	1200	ug/Kg
129-00-0	Pyrene	7300	D	580	1200	ug/Kg
56-55-3	Benzo(a)anthracene	3700	D	570	1200	ug/Kg
218-01-9	Chrysene	3700	D	560	1200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	640	UD	640	1200	ug/Kg
205-99-2	Benzo(b)fluoranthene	3800	D	570	1200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400	D	580	1200	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0-0.5-081924DL	SDG No.:	P3671
Lab Sample ID:	P3671-01DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	71.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BF139161.D	5	08/21/24 08:50	08/26/24 10:51	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
50-32-8	Benzo(a)pyrene	3300	D	650	1200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500	D	550	1200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	570	UD	570	1200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100	D	560	1200	ug/Kg
123-91-1	1,4-Dioxane	770	UD	770	1200	ug/Kg
90-12-0	1-Methylnaphthalene	580	UD	580	1200	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	73.3		30 (18) - 130 (112)	49%	SPK: 150
13127-88-3	Phenol-d6	77.7		30 (15) - 130 (107)	52%	SPK: 150
4165-60-0	Nitrobenzene-d5	64.4		30 (18) - 130 (107)	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	45.1		30 (20) - 130 (109)	45%	SPK: 100
118-79-6	2,4,6-Tribromophenol	68.7		30 (10) - 130 (116)	46%	SPK: 150
1718-51-0	Terphenyl-d14	40.6		30 (10) - 130 (105)	41%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	92500	6.898
1146-65-2	Naphthalene-d8	348000	8.181
15067-26-2	Acenaphthene-d10	199000	9.933
1517-22-2	Phenanthrene-d10	323000	11.422
1719-03-5	Chrysene-d12	172000	14.057
1520-96-3	Perylene-d12	177000	15.539

U = Not Detected

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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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	79.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021620.D	1	08/21/24 08:50	08/22/24 19:23	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	100	U	100	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	410	ug/Kg
95-48-7	2-Methylphenol	100	U	100	210	ug/Kg
65794-96-9	3+4-Methylphenols	99.9	U	99.9	410	ug/Kg
67-72-1	Hexachloroethane	100	U	100	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	210	ug/Kg
91-20-3	Naphthalene	100	U	100	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89.4	U	89.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	92.6	U	92.6	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	210	ug/Kg
83-32-9	Acenaphthene	210		100	210	ug/Kg
132-64-9	Dibenzofuran	110	J	110	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	210	ug/Kg
86-73-7	Fluorene	230		110	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	210	ug/Kg
87-86-5	Pentachlorophenol	96.8	U	96.8	410	ug/Kg
85-01-8	Phenanthrene	2300		110	210	ug/Kg
120-12-7	Anthracene	570		110	210	ug/Kg
86-74-8	Carbazole	290		100	210	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	210	ug/Kg
206-44-0	Fluoranthene	3100		100	210	ug/Kg
129-00-0	Pyrene	2800		100	210	ug/Kg
56-55-3	Benzo(a)anthracene	1700		100	210	ug/Kg
218-01-9	Chrysene	2100		99.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		100	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	670		100	210	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	79.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021620.D	1	08/21/24 08:50	08/22/24 19:23	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
50-32-8	Benzo(a)pyrene	1600		120	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	800		97.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270		100	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	970		100	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	82.1		30 (18) - 130 (112)	55%	SPK: 150
13127-88-3	Phenol-d6	84.5		30 (15) - 130 (107)	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.0		30 (18) - 130 (107)	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.3		30 (20) - 130 (109)	40%	SPK: 100
118-79-6	2,4,6-Tribromophenol	101		30 (10) - 130 (116)	67%	SPK: 150
1718-51-0	Terphenyl-d14	42.2		30 (10) - 130 (105)	42%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	329000	7.799
1146-65-2	Naphthalene-d8	1410000	10.587
15067-26-2	Acenaphthene-d10	997000	14.439
1517-22-2	Phenanthrene-d10	2290000	17.257
1719-03-5	Chrysene-d12	1970000	21.721
1520-96-3	Perylene-d12	2370000	25.168

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	46.9
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047320.D	1	08/21/24 08:50	08/22/24 17:10	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	170	U	170	360	ug/Kg
100-52-7	Benzaldehyde	390	U	390	700	ug/Kg
95-48-7	2-Methylphenol	170	U	170	360	ug/Kg
65794-96-9	3+4-Methylphenols	170	U	170	700	ug/Kg
67-72-1	Hexachloroethane	180	U	180	360	ug/Kg
98-95-3	Nitrobenzene	190	U	190	360	ug/Kg
91-20-3	Naphthalene	180	U	180	360	ug/Kg
87-68-3	Hexachlorobutadiene	180	U	180	360	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	180	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	360	ug/Kg
208-96-8	Acenaphthylene	180	U	180	360	ug/Kg
83-32-9	Acenaphthene	170	U	170	360	ug/Kg
132-64-9	Dibenzofuran	180	U	180	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	180	360	ug/Kg
86-73-7	Fluorene	180	U	180	360	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	360	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	700	ug/Kg
85-01-8	Phenanthrene	180	U	180	360	ug/Kg
120-12-7	Anthracene	180	U	180	360	ug/Kg
86-74-8	Carbazole	170	U	170	360	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	360	ug/Kg
206-44-0	Fluoranthene	170	U	170	360	ug/Kg
129-00-0	Pyrene	180	U	180	360	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	170	360	ug/Kg
218-01-9	Chrysene	170	U	170	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	U	170	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	U	180	360	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	46.9
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047320.D	1	08/21/24 08:50	08/22/24 17:10	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
50-32-8	Benzo(a)pyrene	200	U	200	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	170	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	170	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	170	360	ug/Kg
123-91-1	1,4-Dioxane	230	U	230	360	ug/Kg
90-12-0	1-Methylnaphthalene	180	U	180	360	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	74.9		30 (18) - 130 (112)	50%	SPK: 150
13127-88-3	Phenol-d6	73.3		30 (15) - 130 (107)	49%	SPK: 150
4165-60-0	Nitrobenzene-d5	49.2		30 (18) - 130 (107)	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.7		30 (20) - 130 (109)	49%	SPK: 100
118-79-6	2,4,6-Tribromophenol	83.8		30 (10) - 130 (116)	56%	SPK: 150
1718-51-0	Terphenyl-d14	56.0		30 (10) - 130 (105)	56%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	310000	7.351
1146-65-2	Naphthalene-d8	1170000	10.104
15067-26-2	Acenaphthene-d10	768000	14.01
1517-22-2	Phenanthrene-d10	1590000	16.774
1719-03-5	Chrysene-d12	1300000	21.015
1520-96-3	Perylene-d12	1240000	23.709

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	56
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047321.D	1	08/21/24 08:50	08/22/24 17:50	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	140	U	140	300	ug/Kg
100-52-7	Benzaldehyde	320	U	320	590	ug/Kg
95-48-7	2-Methylphenol	140	U	140	300	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	590	ug/Kg
67-72-1	Hexachloroethane	150	U	150	300	ug/Kg
98-95-3	Nitrobenzene	160	U	160	300	ug/Kg
91-20-3	Naphthalene	150	U	150	300	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	150	300	ug/Kg
91-57-6	2-Methylnaphthalene	150	U	150	300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	300	ug/Kg
208-96-8	Acenaphthylene	150	U	150	300	ug/Kg
83-32-9	Acenaphthene	140	U	140	300	ug/Kg
132-64-9	Dibenzofuran	150	U	150	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	300	ug/Kg
86-73-7	Fluorene	150	U	150	300	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	300	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	590	ug/Kg
85-01-8	Phenanthrene	150	U	150	300	ug/Kg
120-12-7	Anthracene	150	U	150	300	ug/Kg
86-74-8	Carbazole	140	U	140	300	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	300	ug/Kg
206-44-0	Fluoranthene	150	U	150	300	ug/Kg
129-00-0	Pyrene	150	U	150	300	ug/Kg
56-55-3	Benzo(a)anthracene	140	U	140	300	ug/Kg
218-01-9	Chrysene	140	U	140	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	300	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	U	140	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	U	150	300	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	56
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047321.D	1	08/21/24 08:50	08/22/24 17:50	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
50-32-8	Benzo(a)pyrene	170	U	170	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	300	ug/Kg
123-91-1	1,4-Dioxane	200	U	200	300	ug/Kg
90-12-0	1-Methylnaphthalene	150	U	150	300	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	73.0		30 (18) - 130 (112)	49%	SPK: 150
13127-88-3	Phenol-d6	72.6		30 (15) - 130 (107)	48%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.9		30 (18) - 130 (107)	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.2		30 (20) - 130 (109)	46%	SPK: 100
118-79-6	2,4,6-Tribromophenol	80.7		30 (10) - 130 (116)	54%	SPK: 150
1718-51-0	Terphenyl-d14	49.3		30 (10) - 130 (105)	49%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	279000	7.351
1146-65-2	Naphthalene-d8	1070000	10.104
15067-26-2	Acenaphthene-d10	711000	14.01
1517-22-2	Phenanthrene-d10	1470000	16.774
1719-03-5	Chrysene-d12	1280000	21.015
1520-96-3	Perylene-d12	1220000	23.709

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	35
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021613.D	1	08/21/24 08:50	08/22/24 14:21	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	230	U	230	490	ug/Kg
100-52-7	Benzaldehyde	520	U	520	940	ug/Kg
95-48-7	2-Methylphenol	230	U	230	490	ug/Kg
65794-96-9	3+4-Methylphenols	230	U	230	940	ug/Kg
67-72-1	Hexachloroethane	240	U	240	490	ug/Kg
98-95-3	Nitrobenzene	260	U	260	490	ug/Kg
91-20-3	Naphthalene	240	U	240	490	ug/Kg
87-68-3	Hexachlorobutadiene	240	U	240	490	ug/Kg
91-57-6	2-Methylnaphthalene	240	U	240	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	200	U	200	490	ug/Kg
95-95-4	2,4,5-Trichlorophenol	210	U	210	490	ug/Kg
208-96-8	Acenaphthylene	250	U	250	490	ug/Kg
83-32-9	Acenaphthene	230	U	230	490	ug/Kg
132-64-9	Dibenzofuran	240	U	240	490	ug/Kg
121-14-2	2,4-Dinitrotoluene	250	U	250	490	ug/Kg
86-73-7	Fluorene	240	U	240	490	ug/Kg
118-74-1	Hexachlorobenzene	240	U	240	490	ug/Kg
87-86-5	Pentachlorophenol	220	U	220	940	ug/Kg
85-01-8	Phenanthrene	240	U	240	490	ug/Kg
120-12-7	Anthracene	240	U	240	490	ug/Kg
86-74-8	Carbazole	230	U	230	490	ug/Kg
84-74-2	Di-n-butylphthalate	240	U	240	490	ug/Kg
206-44-0	Fluoranthene	410	J	230	490	ug/Kg
129-00-0	Pyrene	350	J	240	490	ug/Kg
56-55-3	Benzo(a)anthracene	230	U	230	490	ug/Kg
218-01-9	Chrysene	240	J	230	490	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260	U	260	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	300	J	230	490	ug/Kg
207-08-9	Benzo(k)fluoranthene	240	U	240	490	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	35
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021613.D	1	08/21/24 08:50	08/22/24 14:21	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
50-32-8	Benzo(a)pyrene	270	U	270	490	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	U	220	490	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230	U	230	490	ug/Kg
191-24-2	Benzo(g,h,i)perylene	230	U	230	490	ug/Kg
123-91-1	1,4-Dioxane	310	U	310	490	ug/Kg
90-12-0	1-Methylnaphthalene	240	U	240	490	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	69.5		30 (18) - 130 (112)	46%	SPK: 150
13127-88-3	Phenol-d6	69.4		30 (15) - 130 (107)	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	52.9		30 (18) - 130 (107)	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	41.2		30 (20) - 130 (109)	41%	SPK: 100
118-79-6	2,4,6-Tribromophenol	79.4		30 (10) - 130 (116)	53%	SPK: 150
1718-51-0	Terphenyl-d14	37.7		30 (10) - 130 (105)	38%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	356000	7.799
1146-65-2	Naphthalene-d8	1430000	10.587
15067-26-2	Acenaphthene-d10	918000	14.451
1517-22-2	Phenanthrene-d10	2070000	17.257
1719-03-5	Chrysene-d12	2030000	21.721
1520-96-3	Perylene-d12	2350000	25.168

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	78.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021611.D	1	08/21/24 08:50	08/22/24 12:57	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	100	U	100	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	420	ug/Kg
67-72-1	Hexachloroethane	110	U	110	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	220	ug/Kg
91-20-3	Naphthalene	110	U	110	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.2	U	91.2	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	94.5	U	94.5	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	220	ug/Kg
132-64-9	Dibenzofuran	110	U	110	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	220	ug/Kg
86-73-7	Fluorene	110	U	110	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	220	ug/Kg
87-86-5	Pentachlorophenol	98.8	U	98.8	420	ug/Kg
85-01-8	Phenanthrene	750		110	220	ug/Kg
120-12-7	Anthracene	160	J	110	220	ug/Kg
86-74-8	Carbazole	100	U	100	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	220	ug/Kg
206-44-0	Fluoranthene	1100		100	220	ug/Kg
129-00-0	Pyrene	830		110	220	ug/Kg
56-55-3	Benzo(a)anthracene	450		100	220	ug/Kg
218-01-9	Chrysene	460		100	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	560		100	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	J	110	220	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	78.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021611.D	1	08/21/24 08:50	08/22/24 12:57	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
50-32-8	Benzo(a)pyrene	460		120	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230		99.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270		100	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	85.1		30 (18) - 130 (112)	57%	SPK: 150
13127-88-3	Phenol-d6	82.7		30 (15) - 130 (107)	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.2		30 (18) - 130 (107)	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	42.7		30 (20) - 130 (109)	43%	SPK: 100
118-79-6	2,4,6-Tribromophenol	97.9		30 (10) - 130 (116)	65%	SPK: 150
1718-51-0	Terphenyl-d14	39.6		30 (10) - 130 (105)	40%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	334000	7.804
1146-65-2	Naphthalene-d8	1350000	10.587
15067-26-2	Acenaphthene-d10	909000	14.439
1517-22-2	Phenanthrene-d10	2020000	17.245
1719-03-5	Chrysene-d12	2010000	21.721
1520-96-3	Perylene-d12	2310000	25.151

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	76.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021612.D	1	08/21/24 08:50	08/22/24 13:39	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	100	U	100	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	430	ug/Kg
95-48-7	2-Methylphenol	100	U	100	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	430	ug/Kg
67-72-1	Hexachloroethane	110	U	110	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	220	ug/Kg
91-20-3	Naphthalene	110	U	110	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93.0	U	93.0	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.3	U	96.3	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	220	ug/Kg
132-64-9	Dibenzofuran	110	U	110	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	220	ug/Kg
86-73-7	Fluorene	110	U	110	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	220	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	430	ug/Kg
85-01-8	Phenanthrene	290		110	220	ug/Kg
120-12-7	Anthracene	110	U	110	220	ug/Kg
86-74-8	Carbazole	100	U	100	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	220	ug/Kg
206-44-0	Fluoranthene	820		110	220	ug/Kg
129-00-0	Pyrene	710		110	220	ug/Kg
56-55-3	Benzo(a)anthracene	540		110	220	ug/Kg
218-01-9	Chrysene	500		100	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	700		110	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	J	110	220	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	76.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021612.D	1	08/21/24 08:50	08/22/24 13:39	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
50-32-8	Benzo(a)pyrene	530		120	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240		100	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250		100	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	85.0		30 (18) - 130 (112)	57%	SPK: 150
13127-88-3	Phenol-d6	84.0		30 (15) - 130 (107)	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.8		30 (18) - 130 (107)	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	38.1		30 (20) - 130 (109)	38%	SPK: 100
118-79-6	2,4,6-Tribromophenol	92.8		30 (10) - 130 (116)	62%	SPK: 150
1718-51-0	Terphenyl-d14	40.0		30 (10) - 130 (105)	40%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	345000	7.799
1146-65-2	Naphthalene-d8	1400000	10.587
15067-26-2	Acenaphthene-d10	909000	14.451
1517-22-2	Phenanthrene-d10	1940000	17.245
1719-03-5	Chrysene-d12	1920000	21.716
1520-96-3	Perylene-d12	2250000	25.139

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-08	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047322.D	1	08/21/24 08:50	08/22/24 18:29	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	97.2	U	97.2	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	400	ug/Kg
95-48-7	2-Methylphenol	98.1	U	98.1	210	ug/Kg
65794-96-9	3+4-Methylphenols	97.1	U	97.1	400	ug/Kg
67-72-1	Hexachloroethane	100	U	100	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	210	ug/Kg
91-20-3	Naphthalene	100	U	100	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.9	U	86.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	90.1	U	90.1	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	210	ug/Kg
83-32-9	Acenaphthene	110	J	98.7	210	ug/Kg
132-64-9	Dibenzofuran	100	U	100	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	210	ug/Kg
86-73-7	Fluorene	100	U	100	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	210	ug/Kg
87-86-5	Pentachlorophenol	94.1	U	94.1	400	ug/Kg
85-01-8	Phenanthrene	770		100	210	ug/Kg
120-12-7	Anthracene	190	J	100	210	ug/Kg
86-74-8	Carbazole	97.7	U	97.7	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	210	ug/Kg
206-44-0	Fluoranthene	1800		99.4	210	ug/Kg
129-00-0	Pyrene	1600		100	210	ug/Kg
56-55-3	Benzo(a)anthracene	1300		98.2	210	ug/Kg
218-01-9	Chrysene	1100		96.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		98.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	610		100	210	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-08	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047322.D	1	08/21/24 08:50	08/22/24 18:29	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
50-32-8	Benzo(a)pyrene	1200		110	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	430		95.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	98.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	450		97.5	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	71.6		30 (18) - 130 (112)	48%	SPK: 150
13127-88-3	Phenol-d6	69.0		30 (15) - 130 (107)	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	45.7		30 (18) - 130 (107)	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.3		30 (20) - 130 (109)	40%	SPK: 100
118-79-6	2,4,6-Tribromophenol	76.6		30 (10) - 130 (116)	51%	SPK: 150
1718-51-0	Terphenyl-d14	44.8		30 (10) - 130 (105)	45%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	266000	7.351
1146-65-2	Naphthalene-d8	1000000	10.104
15067-26-2	Acenaphthene-d10	665000	14.01
1517-22-2	Phenanthrene-d10	1390000	16.774
1719-03-5	Chrysene-d12	1220000	21.021
1520-96-3	Perylene-d12	1210000	23.709

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	48
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047315.D	1	08/21/24 08:50	08/22/24 13:51	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	170	U	170	350	ug/Kg
100-52-7	Benzaldehyde	380	U	380	690	ug/Kg
95-48-7	2-Methylphenol	170	U	170	350	ug/Kg
65794-96-9	3+4-Methylphenols	170	U	170	690	ug/Kg
67-72-1	Hexachloroethane	170	U	170	350	ug/Kg
98-95-3	Nitrobenzene	190	U	190	350	ug/Kg
91-20-3	Naphthalene	170	U	170	350	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	170	350	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	170	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	350	ug/Kg
208-96-8	Acenaphthylene	180	U	180	350	ug/Kg
83-32-9	Acenaphthene	170	U	170	350	ug/Kg
132-64-9	Dibenzofuran	180	U	180	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	180	350	ug/Kg
86-73-7	Fluorene	180	U	180	350	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	350	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	690	ug/Kg
85-01-8	Phenanthrene	170	U	170	350	ug/Kg
120-12-7	Anthracene	180	U	180	350	ug/Kg
86-74-8	Carbazole	170	U	170	350	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	350	ug/Kg
206-44-0	Fluoranthene	170	U	170	350	ug/Kg
129-00-0	Pyrene	170	U	170	350	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	170	350	ug/Kg
218-01-9	Chrysene	170	U	170	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	U	170	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	170	350	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	48
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047315.D	1	08/21/24 08:50	08/22/24 13:51	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
50-32-8	Benzo(a)pyrene	190	U	190	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	U	160	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	170	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	170	350	ug/Kg
123-91-1	1,4-Dioxane	230	U	230	350	ug/Kg
90-12-0	1-Methylnaphthalene	170	U	170	350	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	61.8		30 (18) - 130 (112)	41%	SPK: 150
13127-88-3	Phenol-d6	60.0		30 (15) - 130 (107)	40%	SPK: 150
4165-60-0	Nitrobenzene-d5	42.1		30 (18) - 130 (107)	42%	SPK: 100
321-60-8	2-Fluorobiphenyl	31.4		30 (20) - 130 (109)	31%	SPK: 100
118-79-6	2,4,6-Tribromophenol	59.6		30 (10) - 130 (116)	40%	SPK: 150
1718-51-0	Terphenyl-d14	33.3		30 (10) - 130 (105)	33%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	278000	7.351
1146-65-2	Naphthalene-d8	1050000	10.104
15067-26-2	Acenaphthene-d10	702000	14.01
1517-22-2	Phenanthrene-d10	1490000	16.774
1719-03-5	Chrysene-d12	1320000	21.015
1520-96-3	Perylene-d12	1290000	23.709

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-10	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	57.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047317.D	1	08/21/24 08:50	08/22/24 15:10	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	140	U	140	300	ug/Kg
100-52-7	Benzaldehyde	320	U	320	580	ug/Kg
95-48-7	2-Methylphenol	140	U	140	300	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	580	ug/Kg
67-72-1	Hexachloroethane	140	U	140	300	ug/Kg
98-95-3	Nitrobenzene	160	U	160	300	ug/Kg
91-20-3	Naphthalene	140	U	140	300	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	150	300	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	300	ug/Kg
208-96-8	Acenaphthylene	150	U	150	300	ug/Kg
83-32-9	Acenaphthene	140	U	140	300	ug/Kg
132-64-9	Dibenzofuran	150	U	150	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	300	ug/Kg
86-73-7	Fluorene	150	U	150	300	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	300	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	580	ug/Kg
85-01-8	Phenanthrene	150	U	150	300	ug/Kg
120-12-7	Anthracene	150	U	150	300	ug/Kg
86-74-8	Carbazole	140	U	140	300	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	300	ug/Kg
206-44-0	Fluoranthene	140	U	140	300	ug/Kg
129-00-0	Pyrene	140	U	140	300	ug/Kg
56-55-3	Benzo(a)anthracene	140	U	140	300	ug/Kg
218-01-9	Chrysene	140	U	140	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	300	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	U	140	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	U	140	300	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-10	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	57.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047317.D	1	08/21/24 08:50	08/22/24 15:10	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
50-32-8	Benzo(a)pyrene	160	U	160	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	300	ug/Kg
123-91-1	1,4-Dioxane	190	U	190	300	ug/Kg
90-12-0	1-Methylnaphthalene	150	U	150	300	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	88.4		30 (18) - 130 (112)	59%	SPK: 150
13127-88-3	Phenol-d6	85.5		30 (15) - 130 (107)	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	56.2		30 (18) - 130 (107)	56%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.9		30 (20) - 130 (109)	50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	93.8		30 (10) - 130 (116)	63%	SPK: 150
1718-51-0	Terphenyl-d14	50.6		30 (10) - 130 (105)	51%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	257000	7.351
1146-65-2	Naphthalene-d8	976000	10.104
15067-26-2	Acenaphthene-d10	648000	14.01
1517-22-2	Phenanthrene-d10	1360000	16.774
1719-03-5	Chrysene-d12	1310000	21.015
1520-96-3	Perylene-d12	1330000	23.709

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	83.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021621.D	1	08/21/24 08:50	08/22/24 20:06	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	95.6	U	95.6	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	390	ug/Kg
95-48-7	2-Methylphenol	96.4	U	96.4	200	ug/Kg
65794-96-9	3+4-Methylphenols	95.5	U	95.5	390	ug/Kg
67-72-1	Hexachloroethane	99.3	U	99.3	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	200	ug/Kg
91-20-3	Naphthalene	98.8	U	98.8	200	ug/Kg
87-68-3	Hexachlorobutadiene	99.7	U	99.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	98.7	U	98.7	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85.4	U	85.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	88.5	U	88.5	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	200	ug/Kg
83-32-9	Acenaphthene	97.0	U	97.0	200	ug/Kg
132-64-9	Dibenzofuran	100	U	100	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	200	ug/Kg
86-73-7	Fluorene	100	U	100	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	200	ug/Kg
87-86-5	Pentachlorophenol	92.5	U	92.5	390	ug/Kg
85-01-8	Phenanthrene	1300		100	200	ug/Kg
120-12-7	Anthracene	170	J	100	200	ug/Kg
86-74-8	Carbazole	110	J	96.1	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	200	ug/Kg
206-44-0	Fluoranthene	2200		97.7	200	ug/Kg
129-00-0	Pyrene	1800		99.3	200	ug/Kg
56-55-3	Benzo(a)anthracene	840		96.6	200	ug/Kg
218-01-9	Chrysene	1000		95.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		97.0	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	410		98.8	200	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	83.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021621.D	1	08/21/24 08:50	08/22/24 20:06	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
50-32-8	Benzo(a)pyrene	900		110	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	520		93.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	97.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	590		95.8	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	200	ug/Kg
90-12-0	1-Methylnaphthalene	99.5	U	99.5	200	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	46.5		30 (18) - 130 (112)	31%	SPK: 150
13127-88-3	Phenol-d6	46.0		30 (15) - 130 (107)	31%	SPK: 150
4165-60-0	Nitrobenzene-d5	30.6		30 (18) - 130 (107)	31%	SPK: 100
321-60-8	2-Fluorobiphenyl	17.6	*	30 (20) - 130 (109)	18%	SPK: 100
118-79-6	2,4,6-Tribromophenol	43.2	*	30 (10) - 130 (116)	29%	SPK: 150
1718-51-0	Terphenyl-d14	21.9	*	30 (10) - 130 (105)	22%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	361000	7.805
1146-65-2	Naphthalene-d8	1550000	10.587
15067-26-2	Acenaphthene-d10	1080000	14.44
1517-22-2	Phenanthrene-d10	2400000	17.245
1719-03-5	Chrysene-d12	2030000	21.716
1520-96-3	Perylene-d12	2360000	25.151

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-12	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	85.8
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BF139135.D	1	08/21/24 08:50	08/22/24 21:20	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	93.1	U	93.1	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	380	ug/Kg
95-48-7	2-Methylphenol	93.9	U	93.9	200	ug/Kg
65794-96-9	3+4-Methylphenols	93.0	U	93.0	380	ug/Kg
67-72-1	Hexachloroethane	96.7	U	96.7	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	200	ug/Kg
91-20-3	Naphthalene	96.2	U	96.2	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.1	U	97.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.1	U	96.1	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.2	U	83.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.2	U	86.2	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	200	ug/Kg
83-32-9	Acenaphthene	94.5	U	94.5	200	ug/Kg
132-64-9	Dibenzofuran	98.3	U	98.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	200	ug/Kg
86-73-7	Fluorene	99.6	U	99.6	200	ug/Kg
118-74-1	Hexachlorobenzene	99.0	U	99.0	200	ug/Kg
87-86-5	Pentachlorophenol	90.1	U	90.1	380	ug/Kg
85-01-8	Phenanthrene	230		97.9	200	ug/Kg
120-12-7	Anthracene	98.3	U	98.3	200	ug/Kg
86-74-8	Carbazole	93.6	U	93.6	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.2	U	98.2	200	ug/Kg
206-44-0	Fluoranthene	510		95.2	200	ug/Kg
129-00-0	Pyrene	360		96.7	200	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	94.0	200	ug/Kg
218-01-9	Chrysene	210		92.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	250		94.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	96.2	200	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-12	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	85.8
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BF139135.D	1	08/21/24 08:50	08/22/24 21:20	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
50-32-8	Benzo(a)pyrene	200		110	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	91.0	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.6	U	94.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220		93.3	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	200	ug/Kg
90-12-0	1-Methylnaphthalene	96.9	U	96.9	200	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	97.6		30 (18) - 130 (112)	65%	SPK: 150
13127-88-3	Phenol-d6	96.1		30 (15) - 130 (107)	64%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.0		30 (18) - 130 (107)	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.5		30 (20) - 130 (109)	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	114		30 (10) - 130 (116)	76%	SPK: 150
1718-51-0	Terphenyl-d14	63.1		30 (10) - 130 (105)	63%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	85200	6.898
1146-65-2	Naphthalene-d8	280000	8.181
15067-26-2	Acenaphthene-d10	127000	9.934
1517-22-2	Phenanthrene-d10	218000	11.416
1719-03-5	Chrysene-d12	158000	14.057
1520-96-3	Perylene-d12	125000	15.533

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-13	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	30.6
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047316.D	1	08/21/24 08:50	08/22/24 14:31	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	260	U	260	550	ug/Kg
100-52-7	Benzaldehyde	590	U	590	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	550	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	1100	ug/Kg
67-72-1	Hexachloroethane	270	U	270	550	ug/Kg
98-95-3	Nitrobenzene	300	U	300	550	ug/Kg
91-20-3	Naphthalene	270	U	270	550	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	550	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	550	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	550	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	550	ug/Kg
208-96-8	Acenaphthylene	280	U	280	550	ug/Kg
83-32-9	Acenaphthene	260	U	260	550	ug/Kg
132-64-9	Dibenzofuran	270	U	270	550	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	550	ug/Kg
86-73-7	Fluorene	280	U	280	550	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	550	ug/Kg
87-86-5	Pentachlorophenol	250	U	250	1100	ug/Kg
85-01-8	Phenanthrene	270	U	270	550	ug/Kg
120-12-7	Anthracene	270	U	270	550	ug/Kg
86-74-8	Carbazole	260	U	260	550	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	550	ug/Kg
206-44-0	Fluoranthene	270	U	270	550	ug/Kg
129-00-0	Pyrene	270	U	270	550	ug/Kg
56-55-3	Benzo(a)anthracene	260	U	260	550	ug/Kg
218-01-9	Chrysene	260	U	260	550	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	550	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	U	260	550	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	U	270	550	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-13	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	30.6
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047316.D	1	08/21/24 08:50	08/22/24 14:31	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
50-32-8	Benzo(a)pyrene	300	U	300	550	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	250	550	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	U	260	550	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260	U	260	550	ug/Kg
123-91-1	1,4-Dioxane	360	U	360	550	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	550	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	77.8		30 (18) - 130 (112)	52%	SPK: 150
13127-88-3	Phenol-d6	75.0		30 (15) - 130 (107)	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	51.4		30 (18) - 130 (107)	51%	SPK: 100
321-60-8	2-Fluorobiphenyl	36.8		30 (20) - 130 (109)	37%	SPK: 100
118-79-6	2,4,6-Tribromophenol	70.5		30 (10) - 130 (116)	47%	SPK: 150
1718-51-0	Terphenyl-d14	30.7		30 (10) - 130 (105)	31%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	256000	7.351
1146-65-2	Naphthalene-d8	983000	10.104
15067-26-2	Acenaphthene-d10	648000	14.01
1517-22-2	Phenanthrene-d10	1390000	16.774
1719-03-5	Chrysene-d12	1290000	21.015
1520-96-3	Perylene-d12	1320000	23.709

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-14	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	51.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047314.D	1	08/21/24 08:50	08/22/24 13:11	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	150	U	150	330	ug/Kg
100-52-7	Benzaldehyde	350	U	350	640	ug/Kg
95-48-7	2-Methylphenol	160	U	160	330	ug/Kg
65794-96-9	3+4-Methylphenols	150	U	150	640	ug/Kg
67-72-1	Hexachloroethane	160	U	160	330	ug/Kg
98-95-3	Nitrobenzene	180	U	180	330	ug/Kg
91-20-3	Naphthalene	160	U	160	330	ug/Kg
87-68-3	Hexachlorobutadiene	160	U	160	330	ug/Kg
91-57-6	2-Methylnaphthalene	160	U	160	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	140	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	U	140	330	ug/Kg
208-96-8	Acenaphthylene	170	U	170	330	ug/Kg
83-32-9	Acenaphthene	160	U	160	330	ug/Kg
132-64-9	Dibenzofuran	160	U	160	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	170	U	170	330	ug/Kg
86-73-7	Fluorene	170	U	170	330	ug/Kg
118-74-1	Hexachlorobenzene	160	U	160	330	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	640	ug/Kg
85-01-8	Phenanthrene	160	U	160	330	ug/Kg
120-12-7	Anthracene	160	U	160	330	ug/Kg
86-74-8	Carbazole	160	U	160	330	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	160	330	ug/Kg
206-44-0	Fluoranthene	160	U	160	330	ug/Kg
129-00-0	Pyrene	160	U	160	330	ug/Kg
56-55-3	Benzo(a)anthracene	160	U	160	330	ug/Kg
218-01-9	Chrysene	150	U	150	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	U	180	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	U	160	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	U	160	330	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-14	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	51.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047314.D	1	08/21/24 08:50	08/22/24 13:11	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
50-32-8	Benzo(a)pyrene	180	U	180	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	150	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	U	160	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	U	160	330	ug/Kg
123-91-1	1,4-Dioxane	210	U	210	330	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	330	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	69.3		30 (18) - 130 (112)	46%	SPK: 150
13127-88-3	Phenol-d6	65.3		30 (15) - 130 (107)	44%	SPK: 150
4165-60-0	Nitrobenzene-d5	44.9		30 (18) - 130 (107)	45%	SPK: 100
321-60-8	2-Fluorobiphenyl	37.0		30 (20) - 130 (109)	37%	SPK: 100
118-79-6	2,4,6-Tribromophenol	68.7		30 (10) - 130 (116)	46%	SPK: 150
1718-51-0	Terphenyl-d14	34.7		30 (10) - 130 (105)	35%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	252000	7.351
1146-65-2	Naphthalene-d8	951000	10.104
15067-26-2	Acenaphthene-d10	635000	14.01
1517-22-2	Phenanthrene-d10	1370000	16.774
1719-03-5	Chrysene-d12	1280000	21.015
1520-96-3	Perylene-d12	1310000	23.709

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

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A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	P3671	OrderDate:	8/20/2024 10:36:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	G11,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3671-01	S-904-J-SO-0-0.5-081 924	SOIL			08/19/24			08/19/24
			SVOCMS Group5	8270E		08/21/24	08/22/24	
P3671-01DL	S-904-J-SO-0-0.5-081 924DL	SOIL			08/19/24			08/19/24
			SVOCMS Group5	8270E		08/21/24	08/26/24	
P3671-02	S-904-J-SO-0.5-1.0-0 81924	SOIL			08/19/24			08/19/24
			SVOCMS Group5	8270E		08/21/24	08/22/24	
P3671-03	S-911-K1-SO-0-0.5-08 1924	SOIL			08/19/24			08/19/24
			SVOCMS Group3	8270-Modified		08/21/24	08/23/24	
			SVOCMS Group5	8270E		08/21/24	08/22/24	
P3671-04	S-911-K1-SO-0.5-1-08 1924	SOIL			08/19/24			08/19/24
			SVOCMS Group3	8270-Modified		08/21/24	08/23/24	
			SVOCMS Group5	8270E		08/21/24	08/22/24	
P3671-05	S-911-K1-SO-0-0.5-08 1924-FD	SOIL			08/19/24			08/19/24
			SVOCMS Group3	8270-Modified		08/21/24	08/23/24	
			SVOCMS Group5	8270E		08/21/24	08/22/24	
P3671-06	S-905-KJ-SO-0-0.5-08 1924	SOIL			08/19/24			08/19/24
			SVOCMS Group3	8270-Modified		08/21/24	08/23/24	
			SVOCMS Group5	8270E		08/21/24	08/22/24	
P3671-06DL	S-905-KJ-SO-0-0.5-08 1924DL	SOIL			08/19/24			08/19/24

LAB CHRONICLE

			SVOCMS Group3	8270-Modified	08/21/24	08/23/24	
P3671-07	S-905-KJ-SO-0-0.5-08 1924-FD	SOIL			08/19/24		08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/23/24	
			SVOCMS Group5	8270E	08/21/24	08/22/24	
P3671-07DL	S-905-KJ-SO-0-0.5-08 1924-FDDL	SOIL			08/19/24		08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/24/24	
P3671-08	S-905-J-SO-0.5-1.0-0 81924	SOIL			08/19/24		08/19/24
			SVOCMS Group5	8270E	08/21/24	08/22/24	
P3671-09	S-928-K1-SO-0-0.5-08 1924	SOIL			08/19/24		08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/23/24	
			SVOCMS Group5	8270E	08/21/24	08/22/24	
P3671-10	S-928-K1-SO-0.5-1-08 1924	SOIL			08/19/24		08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/23/24	
			SVOCMS Group5	8270E	08/21/24	08/22/24	
P3671-11	S-903-J-SO-0-0.5-081 924	SOIL			08/19/24		08/19/24
			SVOCMS Group5	8270E	08/21/24	08/22/24	
P3671-12	S-903-J-SO-0.5-1.0-0 81924	SOIL			08/19/24		08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/23/24	
			SVOCMS Group5	8270E	08/21/24	08/22/24	
P3671-12DL	S-903-J-SO-0.5-1.0-0 81924DL	SOIL			08/19/24		08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/24/24	
P3671-13	S-912-J-SO-0-0.5-081 924	SOIL			08/19/24		08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/23/24	
			SVOCMS Group5	8270E	08/21/24	08/22/24	

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P3671-14	S-912-J-SO-0.5-1-081	SOIL				08/19/24	08/19/24
	924						
			SVOCMS Group3	8270-Modified	08/21/24	08/22/24	
			SVOCMS Group5	8270E	08/21/24	08/22/24	

Hit Summary Sheet

SW-846

SDG No.: P3671

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : S-911-K1-SO-0-0.5-081924								
P3671-03	S-911-K1-SO-0-0.5-0819	SOIL	Naphthalene	2.300	J	1.5	7	ug/Kg
P3671-03	S-911-K1-SO-0-0.5-0819	SOIL	2-Methylnaphthalene	2.700	J	1.7	7	ug/Kg
P3671-03	S-911-K1-SO-0-0.5-0819	SOIL	Acenaphthylene	2.700	J	1.3	7	ug/Kg
P3671-03	S-911-K1-SO-0-0.5-0819	SOIL	Acenaphthene	1.600	J	1.2	7	ug/Kg
P3671-03	S-911-K1-SO-0-0.5-0819	SOIL	Fluorene	4.300	J	1.3	7	ug/Kg
P3671-03	S-911-K1-SO-0-0.5-0819	SOIL	Phenanthrene	23.500		1.3	7	ug/Kg
P3671-03	S-911-K1-SO-0-0.5-0819	SOIL	Anthracene	4.200	J	1.7	7	ug/Kg
P3671-03	S-911-K1-SO-0-0.5-0819	SOIL	Fluoranthene	53.100		1.4	7	ug/Kg
P3671-03	S-911-K1-SO-0-0.5-0819	SOIL	Pyrene	37.400		2	7	ug/Kg
P3671-03	S-911-K1-SO-0-0.5-0819	SOIL	Benzo(a)anthracene	21.600		1.6	7	ug/Kg
P3671-03	S-911-K1-SO-0-0.5-0819	SOIL	Chrysene	29.100		1.8	7	ug/Kg
P3671-03	S-911-K1-SO-0-0.5-0819	SOIL	Benzo(b)fluoranthene	36.100		2.5	7	ug/Kg
P3671-03	S-911-K1-SO-0-0.5-0819	SOIL	Benzo(k)fluoranthene	13.800		2.1	7	ug/Kg
P3671-03	S-911-K1-SO-0-0.5-0819	SOIL	Benzo(a)pyrene	27.400		3.5	7	ug/Kg
P3671-03	S-911-K1-SO-0-0.5-0819	SOIL	Indeno(1,2,3-cd)pyrene	16.700		2.7	7	ug/Kg
P3671-03	S-911-K1-SO-0-0.5-0819	SOIL	Dibenzo(a,h)anthracene	4.800	J	2.5	7	ug/Kg
P3671-03	S-911-K1-SO-0-0.5-0819	SOIL	Benzo(g,h,i)perylene	19.800		2.4	7	ug/Kg

Total Svoc :
301.10
Total Concentration:
301.10
Client ID : S-911-K1-SO-0.5-1-081924

P3671-04	S-911-K1-SO-0.5-1-0819	SOIL	Naphthalene	8.400		1.2	5.9	ug/Kg
P3671-04	S-911-K1-SO-0.5-1-0819	SOIL	2-Methylnaphthalene	8.600		1.4	5.9	ug/Kg
P3671-04	S-911-K1-SO-0.5-1-0819	SOIL	Acenaphthylene	17.400		1.1	5.9	ug/Kg
P3671-04	S-911-K1-SO-0.5-1-0819	SOIL	Acenaphthene	6.700		0.98	5.9	ug/Kg
P3671-04	S-911-K1-SO-0.5-1-0819	SOIL	Fluorene	7.700		1.1	5.9	ug/Kg
P3671-04	S-911-K1-SO-0.5-1-0819	SOIL	Phenanthrene	110.000		1.1	5.9	ug/Kg
P3671-04	S-911-K1-SO-0.5-1-0819	SOIL	Anthracene	20.000		1.4	5.9	ug/Kg
P3671-04	S-911-K1-SO-0.5-1-0819	SOIL	Fluoranthene	250.000		1.2	5.9	ug/Kg
P3671-04	S-911-K1-SO-0.5-1-0819	SOIL	Pyrene	190.000		1.7	5.9	ug/Kg
P3671-04	S-911-K1-SO-0.5-1-0819	SOIL	Benzo(a)anthracene	110.000		1.4	5.9	ug/Kg
P3671-04	S-911-K1-SO-0.5-1-0819	SOIL	Chrysene	140.000		1.5	5.9	ug/Kg
P3671-04	S-911-K1-SO-0.5-1-0819	SOIL	Benzo(b)fluoranthene	180.000		2.1	5.9	ug/Kg
P3671-04	S-911-K1-SO-0.5-1-0819	SOIL	Benzo(k)fluoranthene	60.700		1.7	5.9	ug/Kg
P3671-04	S-911-K1-SO-0.5-1-0819	SOIL	Benzo(a)pyrene	130.000		3	5.9	ug/Kg
P3671-04	S-911-K1-SO-0.5-1-0819	SOIL	Indeno(1,2,3-cd)pyrene	80.600		2.2	5.9	ug/Kg
P3671-04	S-911-K1-SO-0.5-1-0819	SOIL	Dibenzo(a,h)anthracene	22.900		2.1	5.9	ug/Kg
P3671-04	S-911-K1-SO-0.5-1-0819	SOIL	Benzo(g,h,i)perylene	94.000		2	5.9	ug/Kg

Hit Summary Sheet SW-846

SDG No.: P3671
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :				1,437.00				
Total Concentration:				1,437.00				
Client ID : S-911-K1-SO-0-0.5-081924-FD								
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Naphthalene	16.400	2		9.4	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	2-Methylnaphthalene	19.500	2.3		9.4	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Acenaphthylene	32.700	1.8		9.4	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Acenaphthene	10.700	1.6		9.4	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Fluorene	14.200	1.7		9.4	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Phenanthrene	190.000	1.8		9.4	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Anthracene	34.300	2.3		9.4	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Fluoranthene	440.000	1.9		9.4	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Pyrene	320.000	2.7		9.4	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Benzo(a)anthracene	190.000	2.2		9.4	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Chrysene	230.000	2.5		9.4	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Benzo(b)fluoranthene	290.000	3.4		9.4	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Benzo(k)fluoranthene	100.000	2.8		9.4	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Benzo(a)pyrene	220.000	4.7		9.4	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Indeno(1,2,3-cd)pyrene	130.000	3.6		9.4	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Dibenzo(a,h)anthracene	38.300	3.3		9.4	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Benzo(g,h,i)perylene	160.000	3.3		9.4	ug/Kg
Total Svoc :				2,436.10				
Total Concentration:				2,436.10				
Client ID : S-905-KJ-SO-0-0.5-081924								
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Naphthalene	2.000	J	0.88	4.2	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	2-Methylnaphthalene	1.600	J	1	4.2	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Acenaphthylene	2.400	J	0.8	4.2	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Acenaphthene	18.000		0.7	4.2	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Fluorene	15.500		0.77	4.2	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Phenanthrene	210.000		0.8	4.2	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Anthracene	45.800		1	4.2	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Fluoranthene	380.000	E	0.85	4.2	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Pyrene	270.000	E	1.2	4.2	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(a)anthracene	190.000		0.97	4.2	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Chrysene	190.000		1.1	4.2	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(b)fluoranthene	250.000	E	1.5	4.2	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(k)fluoranthene	91.700		1.3	4.2	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(a)pyrene	210.000		2.1	4.2	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Indeno(1,2,3-cd)pyrene	110.000		1.6	4.2	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Dibenzo(a,h)anthracene	31.500		1.5	4.2	ug/Kg

Hit Summary Sheet SW-846

SDG No.: P3671
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(g,h,i)perylene	120.000		1.5	4.2	ug/Kg
Total Svoc :				2,138.50				
Total Concentration:				2,138.50				
Client ID :	S-905-KJ-SO-0-0.5-081924DL							
P3671-06DL	S-905-KJ-SO-0-0.5-0819	SOIL	Acenaphthene	15.900	JD	3.5	21.1	ug/Kg
P3671-06DL	S-905-KJ-SO-0-0.5-0819	SOIL	Fluorene	13.600	JD	3.8	21.1	ug/Kg
P3671-06DL	S-905-KJ-SO-0-0.5-0819	SOIL	Phenanthrene	180.000	D	4	21.1	ug/Kg
P3671-06DL	S-905-KJ-SO-0-0.5-0819	SOIL	Anthracene	38.900	D	5	21.1	ug/Kg
P3671-06DL	S-905-KJ-SO-0-0.5-0819	SOIL	Fluoranthene	340.000	D	4.3	21.1	ug/Kg
P3671-06DL	S-905-KJ-SO-0-0.5-0819	SOIL	Pyrene	240.000	D	6.1	21.1	ug/Kg
P3671-06DL	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(a)anthracene	180.000	D	4.8	21.1	ug/Kg
P3671-06DL	S-905-KJ-SO-0-0.5-0819	SOIL	Chrysene	160.000	D	5.5	21.1	ug/Kg
P3671-06DL	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(b)fluoranthene	210.000	D	7.6	21.1	ug/Kg
P3671-06DL	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(k)fluoranthene	82.100	D	6.3	21.1	ug/Kg
P3671-06DL	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(a)pyrene	180.000	D	10.6	21.1	ug/Kg
P3671-06DL	S-905-KJ-SO-0-0.5-0819	SOIL	Indeno(1,2,3-cd)pyrene	93.100	D	8	21.1	ug/Kg
P3671-06DL	S-905-KJ-SO-0-0.5-0819	SOIL	Dibenzo(a,h)anthracene	28.100	D	7.5	21.1	ug/Kg
P3671-06DL	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(g,h,i)perylene	110.000	D	7.3	21.1	ug/Kg
Total Svoc :				1,871.70				
Total Concentration:				1,871.70				
Client ID :	S-905-KJ-SO-0-0.5-081924-FD							
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Naphthalene	2.100	J	0.9	4.3	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	2-Methylnaphthalene	1.500	J	1	4.3	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Acenaphthylene	3.200	J	0.82	4.3	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Acenaphthene	24.900		0.72	4.3	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Fluorene	22.400		0.78	4.3	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Phenanthrene	400.000	E	0.82	4.3	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Anthracene	130.000		1	4.3	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Fluoranthene	1,300.000	E	0.87	4.3	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Pyrene	710.000	E	1.2	4.3	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(a)anthracene	710.000	E	0.99	4.3	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Chrysene	630.000	E	1.1	4.3	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(b)fluoranthene	750.000	E	1.6	4.3	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(k)fluoranthene	280.000	E	1.3	4.3	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(a)pyrene	650.000	E	2.2	4.3	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Indeno(1,2,3-cd)pyrene	280.000	E	1.6	4.3	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Dibenzo(a,h)anthracene	90.500		1.5	4.3	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(g,h,i)perylene	290.000	E	1.5	4.3	ug/Kg
Total Svoc :				6,274.60				

Hit Summary Sheet SW-846

SDG No.: P3671
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				6,274.60				
Client ID :	S-905-KJ-SO-0-0.5-081924-FDDL							
P3671-07DL	S-905-KJ-SO-0-0.5-0819: SOIL		Acenaphthene	23.500	JD	7.2	43.1	ug/Kg
P3671-07DL	S-905-KJ-SO-0-0.5-0819: SOIL		Fluorene	20.900	JD	7.8	43.1	ug/Kg
P3671-07DL	S-905-KJ-SO-0-0.5-0819: SOIL		Phenanthrene	370.000	D	8.2	43.1	ug/Kg
P3671-07DL	S-905-KJ-SO-0-0.5-0819: SOIL		Anthracene	110.000	D	10.3	43.1	ug/Kg
P3671-07DL	S-905-KJ-SO-0-0.5-0819: SOIL		Fluoranthene	1,200.000	D	8.7	43.1	ug/Kg
P3671-07DL	S-905-KJ-SO-0-0.5-0819: SOIL		Pyrene	810.000	D	12.4	43.1	ug/Kg
P3671-07DL	S-905-KJ-SO-0-0.5-0819: SOIL		Benzo(a)anthracene	760.000	D	9.9	43.1	ug/Kg
P3671-07DL	S-905-KJ-SO-0-0.5-0819: SOIL		Chrysene	650.000	D	11.2	43.1	ug/Kg
P3671-07DL	S-905-KJ-SO-0-0.5-0819: SOIL		Benzo(b)fluoranthene	800.000	D	15.5	43.1	ug/Kg
P3671-07DL	S-905-KJ-SO-0-0.5-0819: SOIL		Benzo(k)fluoranthene	270.000	D	12.8	43.1	ug/Kg
P3671-07DL	S-905-KJ-SO-0-0.5-0819: SOIL		Benzo(a)pyrene	660.000	D	21.7	43.1	ug/Kg
P3671-07DL	S-905-KJ-SO-0-0.5-0819: SOIL		Indeno(1,2,3-cd)pyrene	280.000	D	16.4	43.1	ug/Kg
P3671-07DL	S-905-KJ-SO-0-0.5-0819: SOIL		Dibenzo(a,h)anthracene	93.100	D	15.3	43.1	ug/Kg
P3671-07DL	S-905-KJ-SO-0-0.5-0819: SOIL		Benzo(g,h,i)perylene	290.000	D	14.9	43.1	ug/Kg
Total Svoc :				6,337.50				
Total Concentration:				6,337.50				
Client ID :	S-928-K1-SO-0-0.5-081924							
P3671-09	S-928-K1-SO-0-0.5-0819 SOIL		Acenaphthylene	2.000	J	1.3	6.9	ug/Kg
P3671-09	S-928-K1-SO-0-0.5-0819 SOIL		Phenanthrene	13.000		1.3	6.9	ug/Kg
P3671-09	S-928-K1-SO-0-0.5-0819 SOIL		Anthracene	2.200	J	1.6	6.9	ug/Kg
P3671-09	S-928-K1-SO-0-0.5-0819 SOIL		Fluoranthene	28.700		1.4	6.9	ug/Kg
P3671-09	S-928-K1-SO-0-0.5-0819 SOIL		Pyrene	23.000		2	6.9	ug/Kg
P3671-09	S-928-K1-SO-0-0.5-0819 SOIL		Benzo(a)anthracene	12.900		1.6	6.9	ug/Kg
P3671-09	S-928-K1-SO-0-0.5-0819 SOIL		Chrysene	17.100		1.8	6.9	ug/Kg
P3671-09	S-928-K1-SO-0-0.5-0819 SOIL		Benzo(b)fluoranthene	21.000		2.5	6.9	ug/Kg
P3671-09	S-928-K1-SO-0-0.5-0819 SOIL		Benzo(k)fluoranthene	8.000		2	6.9	ug/Kg
P3671-09	S-928-K1-SO-0-0.5-0819 SOIL		Benzo(a)pyrene	15.700		3.4	6.9	ug/Kg
P3671-09	S-928-K1-SO-0-0.5-0819 SOIL		Indeno(1,2,3-cd)pyrene	9.400		2.6	6.9	ug/Kg
P3671-09	S-928-K1-SO-0-0.5-0819 SOIL		Dibenzo(a,h)anthracene	2.700	J	2.4	6.9	ug/Kg
P3671-09	S-928-K1-SO-0-0.5-0819 SOIL		Benzo(g,h,i)perylene	11.300		2.4	6.9	ug/Kg
Total Svoc :				167.00				
Total Concentration:				167.00				
Client ID :	S-928-K1-SO-0.5-1-081924							
P3671-10	S-928-K1-SO-0.5-1-0819 SOIL		Acenaphthylene	3.100	J	1.1	5.8	ug/Kg
P3671-10	S-928-K1-SO-0.5-1-0819 SOIL		Fluorene	1.400	J	1	5.8	ug/Kg
P3671-10	S-928-K1-SO-0.5-1-0819 SOIL		Phenanthrene	12.500		1.1	5.8	ug/Kg
P3671-10	S-928-K1-SO-0.5-1-0819 SOIL		Anthracene	2.000	J	1.4	5.8	ug/Kg

Hit Summary Sheet SW-846

SDG No.: P3671
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-10	S-928-K1-SO-0.5-1-0819	SOIL	Fluoranthene	26.800		1.2	5.8	ug/Kg
P3671-10	S-928-K1-SO-0.5-1-0819	SOIL	Pyrene	20.000		1.7	5.8	ug/Kg
P3671-10	S-928-K1-SO-0.5-1-0819	SOIL	Benzo(a)anthracene	9.800		1.3	5.8	ug/Kg
P3671-10	S-928-K1-SO-0.5-1-0819	SOIL	Chrysene	15.800		1.5	5.8	ug/Kg
P3671-10	S-928-K1-SO-0.5-1-0819	SOIL	Benzo(b)fluoranthene	20.900		2.1	5.8	ug/Kg
P3671-10	S-928-K1-SO-0.5-1-0819	SOIL	Benzo(k)fluoranthene	8.000		1.7	5.8	ug/Kg
P3671-10	S-928-K1-SO-0.5-1-0819	SOIL	Benzo(a)pyrene	14.000		2.9	5.8	ug/Kg
P3671-10	S-928-K1-SO-0.5-1-0819	SOIL	Indeno(1,2,3-cd)pyrene	9.600		2.2	5.8	ug/Kg
P3671-10	S-928-K1-SO-0.5-1-0819	SOIL	Dibenzo(a,h)anthracene	2.600	J	2	5.8	ug/Kg
P3671-10	S-928-K1-SO-0.5-1-0819	SOIL	Benzo(g,h,i)perylene	11.800		2	5.8	ug/Kg
Total Svoc :				158.30				
Total Concentration:				158.30				

Client ID : S-903-J-SO-0.5-1.0-081924

P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Naphthalene	3.600	J	0.8	3.8	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	2-Methylnaphthalene	2.700	J	0.93	3.8	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Acenaphthylene	6.300		0.73	3.8	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Acenaphthene	25.800		0.64	3.8	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Fluorene	26.600		0.7	3.8	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Phenanthrene	440.000	E	0.73	3.8	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Anthracene	85.300		0.92	3.8	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Fluoranthene	860.000	E	0.78	3.8	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Pyrene	480.000	E	1.1	3.8	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(a)anthracene	310.000	E	0.88	3.8	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Chrysene	330.000	E	1	3.8	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(b)fluoranthene	420.000	E	1.4	3.8	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(k)fluoranthene	140.000		1.1	3.8	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(a)pyrene	340.000	E	1.9	3.8	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Indeno(1,2,3-cd)pyrene	180.000		1.5	3.8	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Dibenzo(a,h)anthracene	51.700		1.4	3.8	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(g,h,i)perylene	210.000	E	1.3	3.8	ug/Kg
Total Svoc :				3,912.00				
Total Concentration:				3,912.00				

Client ID : S-903-J-SO-0.5-1.0-081924DL

P3671-12DL	S-903-J-SO-0.5-1.0-0819	SOIL	Acenaphthene	28.300	JD	6.4	38.4	ug/Kg
P3671-12DL	S-903-J-SO-0.5-1.0-0819	SOIL	Fluorene	27.500	JD	7	38.4	ug/Kg
P3671-12DL	S-903-J-SO-0.5-1.0-0819	SOIL	Phenanthrene	450.000	D	7.3	38.4	ug/Kg
P3671-12DL	S-903-J-SO-0.5-1.0-0819	SOIL	Anthracene	79.800	D	9.2	38.4	ug/Kg
P3671-12DL	S-903-J-SO-0.5-1.0-0819	SOIL	Fluoranthene	850.000	D	7.8	38.4	ug/Kg
P3671-12DL	S-903-J-SO-0.5-1.0-0819	SOIL	Pyrene	570.000	D	11	38.4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: P3671

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-12DL	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(a)anthracene	340.000	D	8.8	38.4	ug/Kg
P3671-12DL	S-903-J-SO-0.5-1.0-0819	SOIL	Chrysene	370.000	D	10	38.4	ug/Kg
P3671-12DL	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(b)fluoranthene	460.000	D	13.8	38.4	ug/Kg
P3671-12DL	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(k)fluoranthene	150.000	D	11.4	38.4	ug/Kg
P3671-12DL	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(a)pyrene	370.000	D	19.3	38.4	ug/Kg
P3671-12DL	S-903-J-SO-0.5-1.0-0819	SOIL	Indeno(1,2,3-cd)pyrene	200.000	D	14.6	38.4	ug/Kg
P3671-12DL	S-903-J-SO-0.5-1.0-0819	SOIL	Dibenzo(a,h)anthracene	58.100	D	13.6	38.4	ug/Kg
P3671-12DL	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(g,h,i)perylene	230.000	D	13.3	38.4	ug/Kg

Total Svoc : 4,183.70

Total Concentration: 4,183.70

Client ID : S-912-J-SO-0.5-081924

P3671-13	S-912-J-SO-0.5-081924	SOIL	Naphthalene	13.200		2.2	10.8	ug/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	2-Methylnaphthalene	12.700		2.6	10.8	ug/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Acenaphthylene	11.300		2.1	10.8	ug/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Acenaphthene	5.900	J	1.8	10.8	ug/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Fluorene	6.800	J	2	10.8	ug/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Phenanthrene	100.000		2.1	10.8	ug/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Anthracene	19.000		2.6	10.8	ug/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Fluoranthene	220.000		2.2	10.8	ug/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Pyrene	140.000		3.1	10.8	ug/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Benzo(a)anthracene	83.800		2.5	10.8	ug/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Chrysene	100.000		2.8	10.8	ug/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Benzo(b)fluoranthene	130.000		3.9	10.8	ug/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Benzo(k)fluoranthene	44.000		3.2	10.8	ug/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Benzo(a)pyrene	96.100		5.4	10.8	ug/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Indeno(1,2,3-cd)pyrene	53.900		4.1	10.8	ug/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Dibenzo(a,h)anthracene	16.000		3.8	10.8	ug/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Benzo(g,h,i)perylene	62.700		3.7	10.8	ug/Kg

Total Svoc : 1,115.40

Total Concentration: 1,115.40

Client ID : S-912-J-SO-0.5-1-081924

P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Phenanthrene	2.300	J	1.2	6.4	ug/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Fluoranthene	4.400	J	1.3	6.4	ug/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Pyrene	3.400	J	1.8	6.4	ug/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Benzo(a)anthracene	2.200	J	1.5	6.4	ug/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Chrysene	2.700	J	1.7	6.4	ug/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Benzo(b)fluoranthene	3.400	J	2.3	6.4	ug/Kg

Total Svoc : 18.40

Total Concentration: 18.40



Hit Summary Sheet
SW-846

A

B

C

D

SDG No.: P3671
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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SAMPLE DATA

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-03	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	46.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033567.D	1	08/21/24 09:38	08/23/24 00:28	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	2.30	J	1.50	7.00	ug/Kg
91-57-6	2-Methylnaphthalene	2.70	J	1.70	7.00	ug/Kg
208-96-8	Acenaphthylene	2.70	J	1.30	7.00	ug/Kg
83-32-9	Acenaphthene	1.60	J	1.20	7.00	ug/Kg
86-73-7	Fluorene	4.30	J	1.30	7.00	ug/Kg
85-01-8	Phenanthrene	23.5		1.30	7.00	ug/Kg
120-12-7	Anthracene	4.20	J	1.70	7.00	ug/Kg
206-44-0	Fluoranthene	53.1		1.40	7.00	ug/Kg
129-00-0	Pyrene	37.4		2.00	7.00	ug/Kg
56-55-3	Benzo(a)anthracene	21.6		1.60	7.00	ug/Kg
218-01-9	Chrysene	29.1		1.80	7.00	ug/Kg
205-99-2	Benzo(b)fluoranthene	36.1		2.50	7.00	ug/Kg
207-08-9	Benzo(k)fluoranthene	13.8		2.10	7.00	ug/Kg
50-32-8	Benzo(a)pyrene	27.4		3.50	7.00	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	16.7		2.70	7.00	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.80	J	2.50	7.00	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19.8		2.40	7.00	ug/Kg
123-91-1	1,4-Dioxane	4.70	U	4.70	14.0	ug/Kg

SURROGATES

7297-45-2	2-Methylnaphthalene-d10	0.21		30 (17) - 150 (161)	53%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.18		30 (23) - 150 (138)	44%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.29		30 (33) - 130 (121)	73%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.21		30 (32) - 130 (121)	52%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.14		30 (21) - 130 (130)	36%	SPK: 0.4

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	7030	7.545
1146-65-2	Naphthalene-d8	18000	10.303
15067-26-2	Acenaphthene-d10	8340	14.178
1517-22-2	Phenanthrene-d10	17400	16.929

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-03	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	46.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033567.D	1	08/21/24 09:38	08/23/24 00:28	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	15000	21.139			
1520-96-3	Perylene-d12	17200	23.303			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-04	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	56
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033592.D	1	08/21/24 09:38	08/23/24 16:35	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	8.40		1.20	5.90	ug/Kg
91-57-6	2-Methylnaphthalene	8.60		1.40	5.90	ug/Kg
208-96-8	Acenaphthylene	17.4		1.10	5.90	ug/Kg
83-32-9	Acenaphthene	6.70		0.98	5.90	ug/Kg
86-73-7	Fluorene	7.70		1.10	5.90	ug/Kg
85-01-8	Phenanthrene	110		1.10	5.90	ug/Kg
120-12-7	Anthracene	20.0		1.40	5.90	ug/Kg
206-44-0	Fluoranthene	250		1.20	5.90	ug/Kg
129-00-0	Pyrene	190		1.70	5.90	ug/Kg
56-55-3	Benzo(a)anthracene	110		1.40	5.90	ug/Kg
218-01-9	Chrysene	140		1.50	5.90	ug/Kg
205-99-2	Benzo(b)fluoranthene	180		2.10	5.90	ug/Kg
207-08-9	Benzo(k)fluoranthene	60.7		1.70	5.90	ug/Kg
50-32-8	Benzo(a)pyrene	130		3.00	5.90	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	80.6		2.20	5.90	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	22.9		2.10	5.90	ug/Kg
191-24-2	Benzo(g,h,i)perylene	94.0		2.00	5.90	ug/Kg
123-91-1	1,4-Dioxane	4.00	U	4.00	11.8	ug/Kg

SURROGATES

7297-45-2	2-Methylnaphthalene-d10	0.18		30 (17) - 150 (161)	45%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.15		30 (23) - 150 (138)	37%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.25		30 (33) - 130 (121)	62%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.17		30 (32) - 130 (121)	43%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.14		30 (21) - 130 (130)	36%	SPK: 0.4

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	6860	7.545
1146-65-2	Naphthalene-d8	18100	10.304
15067-26-2	Acenaphthene-d10	8710	14.178
1517-22-2	Phenanthrene-d10	17200	16.929

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-04	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	56
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033592.D	1	08/21/24 09:38	08/23/24 16:35	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	13500	21.139			
1520-96-3	Perylene-d12	15400	23.309			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-05	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	35
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033591.D	1	08/21/24 09:38	08/23/24 15:59	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	16.4		2.00	9.40	ug/Kg
91-57-6	2-Methylnaphthalene	19.5		2.30	9.40	ug/Kg
208-96-8	Acenaphthylene	32.7		1.80	9.40	ug/Kg
83-32-9	Acenaphthene	10.7		1.60	9.40	ug/Kg
86-73-7	Fluorene	14.2		1.70	9.40	ug/Kg
85-01-8	Phenanthrene	190		1.80	9.40	ug/Kg
120-12-7	Anthracene	34.3		2.30	9.40	ug/Kg
206-44-0	Fluoranthene	440		1.90	9.40	ug/Kg
129-00-0	Pyrene	320		2.70	9.40	ug/Kg
56-55-3	Benzo(a)anthracene	190		2.20	9.40	ug/Kg
218-01-9	Chrysene	230		2.50	9.40	ug/Kg
205-99-2	Benzo(b)fluoranthene	290		3.40	9.40	ug/Kg
207-08-9	Benzo(k)fluoranthene	100		2.80	9.40	ug/Kg
50-32-8	Benzo(a)pyrene	220		4.70	9.40	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130		3.60	9.40	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38.3		3.30	9.40	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160		3.30	9.40	ug/Kg
123-91-1	1,4-Dioxane	6.30	U	6.30	18.8	ug/Kg

SURROGATES

7297-45-2	2-Methylnaphthalene-d10	0.41		30 (17) - 150 (161)	103%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.39		30 (23) - 150 (138)	98%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.47		30 (33) - 130 (121)	116%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.37		30 (32) - 130 (121)	93%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.36		30 (21) - 130 (130)	90%	SPK: 0.4

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	6470	7.545
1146-65-2	Naphthalene-d8	18300	10.304
15067-26-2	Acenaphthene-d10	9780	14.178
1517-22-2	Phenanthrene-d10	20600	16.929

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-05	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	35
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033591.D	1	08/21/24 09:38	08/23/24 15:59	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	16800	21.139			
1520-96-3	Perylene-d12	18800	23.309			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-06	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	78.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033568.D	1	08/21/24 09:38	08/23/24 01:05	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	2.00	J	0.88	4.20	ug/Kg
91-57-6	2-Methylnaphthalene	1.60	J	1.00	4.20	ug/Kg
208-96-8	Acenaphthylene	2.40	J	0.80	4.20	ug/Kg
83-32-9	Acenaphthene	18.0		0.70	4.20	ug/Kg
86-73-7	Fluorene	15.5		0.77	4.20	ug/Kg
85-01-8	Phenanthrene	210		0.80	4.20	ug/Kg
120-12-7	Anthracene	45.8		1.00	4.20	ug/Kg
206-44-0	Fluoranthene	380	E	0.85	4.20	ug/Kg
129-00-0	Pyrene	270	E	1.20	4.20	ug/Kg
56-55-3	Benzo(a)anthracene	190		0.97	4.20	ug/Kg
218-01-9	Chrysene	190		1.10	4.20	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	E	1.50	4.20	ug/Kg
207-08-9	Benzo(k)fluoranthene	91.7		1.30	4.20	ug/Kg
50-32-8	Benzo(a)pyrene	210		2.10	4.20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110		1.60	4.20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31.5		1.50	4.20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120		1.50	4.20	ug/Kg
123-91-1	1,4-Dioxane	2.80	U	2.80	8.40	ug/Kg

SURROGATES

7297-45-2	2-Methylnaphthalene-d10	0.16		30 (17) - 150 (161)	40%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.11	*	30 (23) - 150 (138)	28%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.19		30 (33) - 130 (121)	47%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.15		30 (32) - 130 (121)	38%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.089	*	30 (21) - 130 (130)	22%	SPK: 0.4

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	7740	7.545
1146-65-2	Naphthalene-d8	20500	10.304
15067-26-2	Acenaphthene-d10	9840	14.178
1517-22-2	Phenanthrene-d10	18400	16.929

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-06	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	78.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033568.D	1	08/21/24 09:38	08/23/24 01:05	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	15400	21.139			
1520-96-3	Perylene-d12	16700	23.303			

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MDL = Method Detection Limit

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924DL	SDG No.:	P3671
Lab Sample ID:	P3671-06DL	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	78.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033595.D	5	08/21/24 09:38	08/23/24 18:23	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	4.40	UD	4.40	21.1	ug/Kg
91-57-6	2-Methylnaphthalene	5.10	UD	5.10	21.1	ug/Kg
208-96-8	Acenaphthylene	4.00	UD	4.00	21.1	ug/Kg
83-32-9	Acenaphthene	15.9	JD	3.50	21.1	ug/Kg
86-73-7	Fluorene	13.6	JD	3.80	21.1	ug/Kg
85-01-8	Phenanthrene	180	D	4.00	21.1	ug/Kg
120-12-7	Anthracene	38.9	D	5.00	21.1	ug/Kg
206-44-0	Fluoranthene	340	D	4.30	21.1	ug/Kg
129-00-0	Pyrene	240	D	6.10	21.1	ug/Kg
56-55-3	Benzo(a)anthracene	180	D	4.80	21.1	ug/Kg
218-01-9	Chrysene	160	D	5.50	21.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	210	D	7.60	21.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.1	D	6.30	21.1	ug/Kg
50-32-8	Benzo(a)pyrene	180	D	10.6	21.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93.1	D	8.00	21.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28.1	D	7.50	21.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	D	7.30	21.1	ug/Kg
123-91-1	1,4-Dioxane	14.2	UD	14.2	42.1	ug/Kg

SURROGATES

7297-45-2	2-Methylnaphthalene-d10	0.14		30 (17) - 150 (161)	35%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.11	*	30 (23) - 150 (138)	26%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.18		30 (33) - 130 (121)	45%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.14		30 (32) - 130 (121)	34%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.090	*	30 (21) - 130 (130)	23%	SPK: 0.4

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	8740	7.545
1146-65-2	Naphthalene-d8	22800	10.304
15067-26-2	Acenaphthene-d10	10800	14.178
1517-22-2	Phenanthrene-d10	20600	16.929

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924DL	SDG No.:	P3671
Lab Sample ID:	P3671-06DL	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	78.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033595.D	5	08/21/24 09:38	08/23/24 18:23	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	17200	21.139			
1520-96-3	Perylene-d12	19100	23.306			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-07	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	76.6
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033574.D	1	08/21/24 09:38	08/23/24 04:42	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	2.10	J	0.90	4.30	ug/Kg
91-57-6	2-Methylnaphthalene	1.50	J	1.00	4.30	ug/Kg
208-96-8	Acenaphthylene	3.20	J	0.82	4.30	ug/Kg
83-32-9	Acenaphthene	24.9		0.72	4.30	ug/Kg
86-73-7	Fluorene	22.4		0.78	4.30	ug/Kg
85-01-8	Phenanthrene	400	E	0.82	4.30	ug/Kg
120-12-7	Anthracene	130		1.00	4.30	ug/Kg
206-44-0	Fluoranthene	1300	E	0.87	4.30	ug/Kg
129-00-0	Pyrene	710	E	1.20	4.30	ug/Kg
56-55-3	Benzo(a)anthracene	710	E	0.99	4.30	ug/Kg
218-01-9	Chrysene	630	E	1.10	4.30	ug/Kg
205-99-2	Benzo(b)fluoranthene	750	E	1.60	4.30	ug/Kg
207-08-9	Benzo(k)fluoranthene	280	E	1.30	4.30	ug/Kg
50-32-8	Benzo(a)pyrene	650	E	2.20	4.30	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280	E	1.60	4.30	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90.5		1.50	4.30	ug/Kg
191-24-2	Benzo(g,h,i)perylene	290	E	1.50	4.30	ug/Kg
123-91-1	1,4-Dioxane	2.90	U	2.90	8.60	ug/Kg
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.17		30 (17) - 150 (161)	43%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.14		30 (23) - 150 (138)	34%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.24		30 (33) - 130 (121)	60%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.16		30 (32) - 130 (121)	41%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.096	*	30 (21) - 130 (130)	24%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	8060	7.545			
1146-65-2	Naphthalene-d8	20800	10.304			
15067-26-2	Acenaphthene-d10	10000	14.178			
1517-22-2	Phenanthrene-d10	20000	16.929			

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-07	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	76.6
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033574.D	1	08/21/24 09:38	08/23/24 04:42	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	22000	21.139			
1520-96-3	Perylene-d12	22900	23.303			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924-FDDL	SDG No.:	P3671
Lab Sample ID:	P3671-07DL	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	76.6
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033613.D	10	08/21/24 09:38	08/24/24 05:57	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	9.00	UD	9.00	43.1	ug/Kg
91-57-6	2-Methylnaphthalene	10.4	UD	10.4	43.1	ug/Kg
208-96-8	Acenaphthylene	8.20	UD	8.20	43.1	ug/Kg
83-32-9	Acenaphthene	23.5	JD	7.20	43.1	ug/Kg
86-73-7	Fluorene	20.9	JD	7.80	43.1	ug/Kg
85-01-8	Phenanthrene	370	D	8.20	43.1	ug/Kg
120-12-7	Anthracene	110	D	10.3	43.1	ug/Kg
206-44-0	Fluoranthene	1200	D	8.70	43.1	ug/Kg
129-00-0	Pyrene	810	D	12.4	43.1	ug/Kg
56-55-3	Benzo(a)anthracene	760	D	9.90	43.1	ug/Kg
218-01-9	Chrysene	650	D	11.2	43.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	800	D	15.5	43.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	D	12.8	43.1	ug/Kg
50-32-8	Benzo(a)pyrene	660	D	21.7	43.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280	D	16.4	43.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	93.1	D	15.3	43.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	290	D	14.9	43.1	ug/Kg
123-91-1	1,4-Dioxane	29.0	UD	29.0	86.1	ug/Kg

SURROGATES

7297-45-2	2-Methylnaphthalene-d10	0.16		30 (17) - 150 (161)	40%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.12		30 (23) - 150 (138)	30%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.25		30 (33) - 130 (121)	63%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.15		30 (32) - 130 (121)	38%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.11	*	30 (21) - 130 (130)	28%	SPK: 0.4

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	9370	7.545
1146-65-2	Naphthalene-d8	22500	10.304
15067-26-2	Acenaphthene-d10	10400	14.178
1517-22-2	Phenanthrene-d10	19700	16.929

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924-FDDL	SDG No.:	P3671
Lab Sample ID:	P3671-07DL	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	76.6
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033613.D	10	08/21/24 09:38	08/24/24 05:57	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	16900	21.13			
1520-96-3	Perylene-d12	18200	23.297			

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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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-09	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	48
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033569.D	1	08/21/24 09:38	08/23/24 01:41	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	1.40	U	1.40	6.90	ug/Kg
91-57-6	2-Methylnaphthalene	1.70	U	1.70	6.90	ug/Kg
208-96-8	Acenaphthylene	2.00	J	1.30	6.90	ug/Kg
83-32-9	Acenaphthene	1.10	U	1.10	6.90	ug/Kg
86-73-7	Fluorene	1.20	U	1.20	6.90	ug/Kg
85-01-8	Phenanthrene	13.0		1.30	6.90	ug/Kg
120-12-7	Anthracene	2.20	J	1.60	6.90	ug/Kg
206-44-0	Fluoranthene	28.7		1.40	6.90	ug/Kg
129-00-0	Pyrene	23.0		2.00	6.90	ug/Kg
56-55-3	Benzo(a)anthracene	12.9		1.60	6.90	ug/Kg
218-01-9	Chrysene	17.1		1.80	6.90	ug/Kg
205-99-2	Benzo(b)fluoranthene	21.0		2.50	6.90	ug/Kg
207-08-9	Benzo(k)fluoranthene	8.00		2.00	6.90	ug/Kg
50-32-8	Benzo(a)pyrene	15.7		3.40	6.90	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.40		2.60	6.90	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.70	J	2.40	6.90	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11.3		2.40	6.90	ug/Kg
123-91-1	1,4-Dioxane	4.60	U	4.60	13.7	ug/Kg

SURROGATES

7297-45-2	2-Methylnaphthalene-d10	0.15		30 (17) - 150 (161)	37%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.13		30 (23) - 150 (138)	32%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.20		30 (33) - 130 (121)	49%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.15		30 (32) - 130 (121)	37%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.12		30 (21) - 130 (130)	31%	SPK: 0.4

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	8110	7.545
1146-65-2	Naphthalene-d8	21300	10.304
15067-26-2	Acenaphthene-d10	10500	14.178
1517-22-2	Phenanthrene-d10	20500	16.929

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-09	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	48
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033569.D	1	08/21/24 09:38	08/23/24 01:41	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	15400	21.139			
1520-96-3	Perylene-d12	17300	23.3			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-10	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	57.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033570.D	1	08/21/24 09:38	08/23/24 02:17	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	1.20	U	1.20	5.80	ug/Kg
91-57-6	2-Methylnaphthalene	1.40	U	1.40	5.80	ug/Kg
208-96-8	Acenaphthylene	3.10	J	1.10	5.80	ug/Kg
83-32-9	Acenaphthene	0.96	U	0.96	5.80	ug/Kg
86-73-7	Fluorene	1.40	J	1.00	5.80	ug/Kg
85-01-8	Phenanthrene	12.5		1.10	5.80	ug/Kg
120-12-7	Anthracene	2.00	J	1.40	5.80	ug/Kg
206-44-0	Fluoranthene	26.8		1.20	5.80	ug/Kg
129-00-0	Pyrene	20.0		1.70	5.80	ug/Kg
56-55-3	Benzo(a)anthracene	9.80		1.30	5.80	ug/Kg
218-01-9	Chrysene	15.8		1.50	5.80	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.9		2.10	5.80	ug/Kg
207-08-9	Benzo(k)fluoranthene	8.00		1.70	5.80	ug/Kg
50-32-8	Benzo(a)pyrene	14.0		2.90	5.80	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.60		2.20	5.80	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.60	J	2.00	5.80	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11.8		2.00	5.80	ug/Kg
123-91-1	1,4-Dioxane	3.90	U	3.90	11.5	ug/Kg

SURROGATES

7297-45-2	2-Methylnaphthalene-d10	0.24		30 (17) - 150 (161)	59%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.19		30 (23) - 150 (138)	47%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.34		30 (33) - 130 (121)	84%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.24		30 (32) - 130 (121)	59%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.17		30 (21) - 130 (130)	43%	SPK: 0.4

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	7220	7.545
1146-65-2	Naphthalene-d8	18900	10.303
15067-26-2	Acenaphthene-d10	9200	14.178
1517-22-2	Phenanthrene-d10	18200	16.929

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-10	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	57.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033570.D	1	08/21/24 09:38	08/23/24 02:17	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	14100	21.139			
1520-96-3	Perylene-d12	15500	23.302			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-12	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	85.8
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033575.D	1	08/21/24 09:38	08/23/24 05:18	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	3.60	J	0.80	3.80	ug/Kg
91-57-6	2-Methylnaphthalene	2.70	J	0.93	3.80	ug/Kg
208-96-8	Acenaphthylene	6.30		0.73	3.80	ug/Kg
83-32-9	Acenaphthene	25.8		0.64	3.80	ug/Kg
86-73-7	Fluorene	26.6		0.70	3.80	ug/Kg
85-01-8	Phenanthrene	440	E	0.73	3.80	ug/Kg
120-12-7	Anthracene	85.3		0.92	3.80	ug/Kg
206-44-0	Fluoranthene	860	E	0.78	3.80	ug/Kg
129-00-0	Pyrene	480	E	1.10	3.80	ug/Kg
56-55-3	Benzo(a)anthracene	310	E	0.88	3.80	ug/Kg
218-01-9	Chrysene	330	E	1.00	3.80	ug/Kg
205-99-2	Benzo(b)fluoranthene	420	E	1.40	3.80	ug/Kg
207-08-9	Benzo(k)fluoranthene	140		1.10	3.80	ug/Kg
50-32-8	Benzo(a)pyrene	340	E	1.90	3.80	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180		1.50	3.80	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.7		1.40	3.80	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210	E	1.30	3.80	ug/Kg
123-91-1	1,4-Dioxane	2.60	U	2.60	7.70	ug/Kg

SURROGATES

7297-45-2	2-Methylnaphthalene-d10	0.17		30 (17) - 150 (161)	41%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.16		30 (23) - 150 (138)	41%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.19		30 (33) - 130 (121)	48%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.15		30 (32) - 130 (121)	38%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.12		30 (21) - 130 (130)	31%	SPK: 0.4

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	8160	7.545
1146-65-2	Naphthalene-d8	20800	10.304
15067-26-2	Acenaphthene-d10	10700	14.178
1517-22-2	Phenanthrene-d10	20000	16.929

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-12	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	85.8
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033575.D	1	08/21/24 09:38	08/23/24 05:18	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	20200	21.139			
1520-96-3	Perylene-d12	21200	23.3			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0.5-1.0-081924DL	SDG No.:	P3671
Lab Sample ID:	P3671-12DL	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	85.8
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033610.D	10	08/21/24 09:38	08/24/24 04:08	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	8.00	UD	8.00	38.4	ug/Kg
91-57-6	2-Methylnaphthalene	9.30	UD	9.30	38.4	ug/Kg
208-96-8	Acenaphthylene	7.30	UD	7.30	38.4	ug/Kg
83-32-9	Acenaphthene	28.3	JD	6.40	38.4	ug/Kg
86-73-7	Fluorene	27.5	JD	7.00	38.4	ug/Kg
85-01-8	Phenanthrene	450	D	7.30	38.4	ug/Kg
120-12-7	Anthracene	79.8	D	9.20	38.4	ug/Kg
206-44-0	Fluoranthene	850	D	7.80	38.4	ug/Kg
129-00-0	Pyrene	570	D	11.0	38.4	ug/Kg
56-55-3	Benzo(a)anthracene	340	D	8.80	38.4	ug/Kg
218-01-9	Chrysene	370	D	10.0	38.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	460	D	13.8	38.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	D	11.4	38.4	ug/Kg
50-32-8	Benzo(a)pyrene	370	D	19.3	38.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	D	14.6	38.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58.1	D	13.6	38.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	230	D	13.3	38.4	ug/Kg
123-91-1	1,4-Dioxane	25.8	UD	25.8	76.7	ug/Kg

SURROGATES

7297-45-2	2-Methylnaphthalene-d10	0.17		30 (17) - 150 (161)	43%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.17		30 (23) - 150 (138)	43%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.21		30 (33) - 130 (121)	52%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.17		30 (32) - 130 (121)	43%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.15		30 (21) - 130 (130)	38%	SPK: 0.4

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	7890	7.545
1146-65-2	Naphthalene-d8	20900	10.304
15067-26-2	Acenaphthene-d10	10000	14.178
1517-22-2	Phenanthrene-d10	19300	16.929

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0.5-1.0-081924DL	SDG No.:	P3671
Lab Sample ID:	P3671-12DL	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	85.8
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033610.D	10	08/21/24 09:38	08/24/24 04:08	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	16100	21.139			
1520-96-3	Perylene-d12	17600	23.3			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-13	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	30.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033573.D	1	08/21/24 09:38	08/23/24 04:06	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	13.2		2.20	10.8	ug/Kg
91-57-6	2-Methylnaphthalene	12.7		2.60	10.8	ug/Kg
208-96-8	Acenaphthylene	11.3		2.10	10.8	ug/Kg
83-32-9	Acenaphthene	5.90	J	1.80	10.8	ug/Kg
86-73-7	Fluorene	6.80	J	2.00	10.8	ug/Kg
85-01-8	Phenanthrene	100		2.10	10.8	ug/Kg
120-12-7	Anthracene	19.0		2.60	10.8	ug/Kg
206-44-0	Fluoranthene	220		2.20	10.8	ug/Kg
129-00-0	Pyrene	140		3.10	10.8	ug/Kg
56-55-3	Benzo(a)anthracene	83.8		2.50	10.8	ug/Kg
218-01-9	Chrysene	100		2.80	10.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	130		3.90	10.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	44.0		3.20	10.8	ug/Kg
50-32-8	Benzo(a)pyrene	96.1		5.40	10.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.9		4.10	10.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	16.0		3.80	10.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62.7		3.70	10.8	ug/Kg
123-91-1	1,4-Dioxane	7.20	U	7.20	21.5	ug/Kg
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.19		30 (17) - 150 (161)	47%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.13		30 (23) - 150 (138)	32%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.27		30 (33) - 130 (121)	68%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.17		30 (32) - 130 (121)	43%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.097	*	30 (21) - 130 (130)	24%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	7670	7.545			
1146-65-2	Naphthalene-d8	19700	10.304			
15067-26-2	Acenaphthene-d10	9700	14.178			
1517-22-2	Phenanthrene-d10	20200	16.929			

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-13	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	30.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033573.D	1	08/21/24 09:38	08/23/24 04:06	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	18800	21.139			
1520-96-3	Perylene-d12	20300	23.3			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-14	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	51.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033566.D	1	08/21/24 09:38	08/22/24 23:52	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	1.30	U	1.30	6.40	ug/Kg
91-57-6	2-Methylnaphthalene	1.60	U	1.60	6.40	ug/Kg
208-96-8	Acenaphthylene	1.20	U	1.20	6.40	ug/Kg
83-32-9	Acenaphthene	1.10	U	1.10	6.40	ug/Kg
86-73-7	Fluorene	1.20	U	1.20	6.40	ug/Kg
85-01-8	Phenanthrene	2.30	J	1.20	6.40	ug/Kg
120-12-7	Anthracene	1.50	U	1.50	6.40	ug/Kg
206-44-0	Fluoranthene	4.40	J	1.30	6.40	ug/Kg
129-00-0	Pyrene	3.40	J	1.80	6.40	ug/Kg
56-55-3	Benzo(a)anthracene	2.20	J	1.50	6.40	ug/Kg
218-01-9	Chrysene	2.70	J	1.70	6.40	ug/Kg
205-99-2	Benzo(b)fluoranthene	3.40	J	2.30	6.40	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.90	U	1.90	6.40	ug/Kg
50-32-8	Benzo(a)pyrene	3.20	U	3.20	6.40	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.40	U	2.40	6.40	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.30	U	2.30	6.40	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.20	U	2.20	6.40	ug/Kg
123-91-1	1,4-Dioxane	4.30	U	4.30	12.8	ug/Kg

SURROGATES

7297-45-2	2-Methylnaphthalene-d10	0.13		30 (17) - 150 (161)	32%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.095	*	30 (23) - 150 (138)	24%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.17		30 (33) - 130 (121)	41%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.13		30 (32) - 130 (121)	33%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.081	*	30 (21) - 130 (130)	20%	SPK: 0.4

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	7000	7.545
1146-65-2	Naphthalene-d8	17900	10.304
15067-26-2	Acenaphthene-d10	8340	14.178
1517-22-2	Phenanthrene-d10	15900	16.929

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-14	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	51.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033566.D	1	08/21/24 09:38	08/22/24 23:52	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	12700	21.139			
1520-96-3	Perylene-d12	14100	23.303			

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:	P3671	OrderDate:	8/20/2024 10:36:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	G11,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3671-01	S-904-J-SO-0-0.5-08 1924	SOIL			08/19/24			08/19/24
			SVOCMS Group5	8270E		08/21/24	08/22/24	
P3671-01DL	S-904-J-SO-0-0.5-08 1924DL	SOIL			08/19/24			08/19/24
			SVOCMS Group5	8270E		08/21/24	08/26/24	
P3671-02	S-904-J-SO-0.5-1.0-0 81924	SOIL			08/19/24			08/19/24
			SVOCMS Group5	8270E		08/21/24	08/22/24	
P3671-03	S-911-K1-SO-0-0.5-0 81924	SOIL			08/19/24			08/19/24
			SVOCMS Group3	8270-Modifie d		08/21/24	08/23/24	
			SVOCMS Group5	8270E		08/21/24	08/22/24	
P3671-04	S-911-K1-SO-0.5-1-0 81924	SOIL			08/19/24			08/19/24
			SVOCMS Group3	8270-Modifie d		08/21/24	08/23/24	
			SVOCMS Group5	8270E		08/21/24	08/22/24	
P3671-05	S-911-K1-SO-0-0.5-0 81924-FD	SOIL			08/19/24			08/19/24
			SVOCMS Group3	8270-Modifie d		08/21/24	08/23/24	
			SVOCMS Group5	8270E		08/21/24	08/22/24	
P3671-06	S-905-KJ-SO-0-0.5-0 81924	SOIL			08/19/24			08/19/24
			SVOCMS Group3	8270-Modifie d		08/21/24	08/23/24	
			SVOCMS Group5	8270E		08/21/24	08/22/24	

LAB CHRONICLE

P3671-06DL	S-905-KJ-SO-0-0.5-0 81924DL	SOIL		08/19/24		08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/23/24
P3671-07	S-905-KJ-SO-0-0.5-0 81924-FD	SOIL		08/19/24		08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/23/24
			SVOCMS Group5	8270E	08/21/24	08/22/24
P3671-07DL	S-905-KJ-SO-0-0.5-0 81924-FDDL	SOIL		08/19/24		08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/24/24
P3671-08	S-905-J-SO-0.5-1.0-0 81924	SOIL		08/19/24		08/19/24
			SVOCMS Group5	8270E	08/21/24	08/22/24
P3671-09	S-928-K1-SO-0-0.5-0 81924	SOIL		08/19/24		08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/23/24
			SVOCMS Group5	8270E	08/21/24	08/22/24
P3671-10	S-928-K1-SO-0.5-1-0 81924	SOIL		08/19/24		08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/23/24
			SVOCMS Group5	8270E	08/21/24	08/22/24
P3671-11	S-903-J-SO-0-0.5-08 1924	SOIL		08/19/24		08/19/24
			SVOCMS Group5	8270E	08/21/24	08/22/24
P3671-12	S-903-J-SO-0.5-1.0-0 81924	SOIL		08/19/24		08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/23/24
			SVOCMS Group5	8270E	08/21/24	08/22/24
P3671-12DL	S-903-J-SO-0.5-1.0-0 81924DL	SOIL		08/19/24		08/19/24

LAB CHRONICLE

P3671-13	S-912-J-SO-0-0.5-08 1924	SOIL	SVOCMS Group3	8270-Modifie d	08/21/24	08/24/24	08/19/24	08/19/24
			SVOCMS Group3	8270-Modifie d	08/21/24	08/23/24		
P3671-14	S-912-J-SO-0.5-1-08 1924	SOIL	SVOCMS Group5	8270E	08/21/24	08/22/24	08/19/24	08/19/24
			SVOCMS Group3	8270-Modifie d	08/21/24	08/22/24		
			SVOCMS Group5	8270E	08/21/24	08/22/24		
			SVOCMS Group3	8270-Modifie d	08/21/24	08/22/24		

Hit Summary Sheet SW-846

SDG No.: P3671 **Order ID:** P3671
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 : S-904-J-SO-0-0.5-081924								
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Aluminum	7680		0.53	1.91	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Antimony	0.32		0.010	0.19	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Arsenic	4.27		0.0090	0.095	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Barium	56.2		0.035	0.95	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Beryllium	0.59		0.024	0.095	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Cadmium	1.01		0.026	0.095	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Calcium	6250		6.44	47.7	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Chromium	25.8		0.023	0.19	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Cobalt	19.6		0.0080	0.095	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Copper	102		0.053	0.19	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Iron	15000		1.06	4.77	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Lead	94.2		0.014	0.095	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Magnesium	2000		2.58	47.7	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Manganese	310		0.032	0.095	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Nickel	39.7		0.015	0.095	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Mercury	0.51		0.0080	0.018	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Potassium	416		3.80	47.7	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Selenium	0.52		0.11	0.48	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Silver	1.56		0.025	0.095	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Sodium	398		5.83	47.7	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Thallium	0.10		0.010	0.095	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Vanadium	26.9		0.0080	0.48	mg/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Zinc	165		0.12	0.48	mg/Kg
Client ID : S-904-J-SO-0.5-1.0-081924								
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Aluminum	11000	D	2.41	8.59	mg/Kg
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Antimony	0.24		0.0090	0.17	mg/Kg
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Arsenic	5.33	D	0.039	0.43	mg/Kg
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Barium	67.5		0.032	0.86	mg/Kg
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Beryllium	0.76		0.021	0.086	mg/Kg
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Cadmium	1.51		0.023	0.086	mg/Kg
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Calcium	5560		5.80	43.0	mg/Kg
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Chromium	34.2		0.021	0.17	mg/Kg
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Cobalt	23.9		0.0070	0.086	mg/Kg
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Copper	124		0.048	0.17	mg/Kg
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Iron	20300		0.95	4.30	mg/Kg
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Lead	130		0.013	0.086	mg/Kg
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Magnesium	2780		2.32	43.0	mg/Kg

Hit Summary Sheet SW-846

SDG No.: P3671

Order ID: P3671

Client: JACOBS Engineering Group, Inc.

Project ID: Former Schlumberger Site Princeton NJ

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Manganese	276	JD	0.029	0.086	mg/Kg	
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Nickel	47.4		0.014	0.086	mg/Kg	
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Mercury	0.27		0.0070	0.017	mg/Kg	
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Potassium	600		3.42	43.0	mg/Kg	
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Selenium	0.82		0.52	2.15	mg/Kg	
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Silver	1.93		0.022	0.086	mg/Kg	
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Sodium	386		5.25	43.0	mg/Kg	
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Thallium	0.13		0.0090	0.086	mg/Kg	
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Vanadium	39.9		0.0070	0.43	mg/Kg	
P3671-02	S-904-J-SO-0.5-1.0-081924	SOIL	Zinc	199		0.11	0.43	mg/Kg	
Client ID : S-911-K1-SO-0-0.5-081924									
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Aluminum	5060	J	0.82	2.94	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Antimony	0.47		0.015	0.29	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Arsenic	2.77		0.013	0.15	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Barium	74.1		0.054	1.47	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Beryllium	0.45		0.037	0.15	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Cadmium	0.38		0.040	0.15	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Calcium	2420		9.93	73.5	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Chromium	10.3		0.035	0.29	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Cobalt	0.78		0.012	0.15	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Copper	23.7		0.082	0.29	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Iron	3000		1.63	7.35	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Lead	49.0		0.022	0.15	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Magnesium	442		3.97	73.5	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Manganese	250		0.050	0.15	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Nickel	5.92		0.024	0.15	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Mercury	0.072		0.013	0.030	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Potassium	152		5.85	73.5	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Selenium	1.21		0.18	0.74	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Silver	0.73		0.038	0.15	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Sodium	721		8.98	73.5	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Thallium	0.049		0.015	0.15	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Vanadium	7.73		0.012	0.74	mg/Kg	
P3671-03	S-911-K1-SO-0-0.5-081924	SOIL	Zinc	40.1			0.19	0.74	mg/Kg
Client ID : S-911-K1-SO-0.5-1-081924									
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Aluminum	7610	D	0.83	2.98	mg/Kg	
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Antimony	1.90		0.015	0.30	mg/Kg	
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Arsenic	10.7		0.067	0.74	mg/Kg	
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Barium	184		0.055	1.49	mg/Kg	

Hit Summary Sheet SW-846

SDG No.:	P3671	Order ID:	P3671
Client:	JACOBS Engineering Group, Inc.	Project ID:	Former Schlumberger Site Princeton NJ

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Beryllium	0.74		0.037	0.15	mg/Kg
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Cadmium	1.07		0.040	0.15	mg/Kg
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Calcium	4220		10.0	74.4	mg/Kg
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Chromium	17.9		0.036	0.30	mg/Kg
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Cobalt	6.88		0.012	0.15	mg/Kg
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Copper	62.2		0.083	0.30	mg/Kg
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Iron	13800		1.65	7.44	mg/Kg
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Lead	189		0.022	0.15	mg/Kg
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Magnesium	1180		4.02	74.4	mg/Kg
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Manganese	2710	D	0.25	0.74	mg/Kg
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Nickel	14.2		0.024	0.15	mg/Kg
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Mercury	0.12		0.011	0.024	mg/Kg
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Potassium	402		5.92	74.4	mg/Kg
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Selenium	2.18	JD	0.89	3.72	mg/Kg
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Silver	3.99		0.039	0.15	mg/Kg
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Sodium	846		9.09	74.4	mg/Kg
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Thallium	0.20		0.015	0.15	mg/Kg
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Vanadium	31.9		0.012	0.74	mg/Kg
P3671-04	S-911-K1-SO-0.5-1-081924	SOIL	Zinc	127		0.19	0.74	mg/Kg

Client ID : S-911-K1-SO-0-0.5-081924-FD

P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Aluminum	9270		1.11	3.97	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Antimony	2.37		0.020	0.40	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Arsenic	12.3		0.018	0.20	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Barium	185		0.073	1.98	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Beryllium	0.84		0.050	0.20	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Cadmium	1.04		0.054	0.20	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Calcium	4770		13.4	99.2	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Chromium	20.7		0.048	0.40	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Cobalt	5.55		0.016	0.20	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Copper	81.5		0.11	0.40	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Iron	15000		2.20	9.92	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Lead	226		0.030	0.20	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Magnesium	1270		5.36	99.2	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Manganese	1700		0.067	0.20	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Nickel	16.1		0.032	0.20	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Mercury	0.37		0.017	0.038	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Potassium	441		7.90	99.2	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Selenium	3.70	JD	1.19	4.96	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Silver	4.60		0.052	0.20	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Sodium	1180		12.1	99.2	mg/Kg

Hit Summary Sheet SW-846

SDG No.:	P3671	Order ID:	P3671
Client:	JACOBS Engineering Group, Inc.	Project ID:	Former Schlumberger Site Princeton NJ

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Thallium	0.20		0.020	0.20	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Vanadium	39.6		0.016	0.99	mg/Kg
P3671-05	S-911-K1-SO-0-0.5-081924-FD	SOIL	Zinc	122		0.26	0.99	mg/Kg
Client ID : S-905-KJ-SO-0-0.5-081924								
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Aluminum	7210		0.49	1.75	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Antimony	0.16	J	0.0090	0.18	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Arsenic	4.35		0.0080	0.088	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Barium	48.8		0.032	0.88	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Beryllium	0.50		0.022	0.088	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Cadmium	0.49		0.024	0.088	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Calcium	4120		5.91	43.8	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Chromium	17.3		0.021	0.18	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Cobalt	3.38		0.0070	0.088	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Copper	69.4		0.049	0.18	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Iron	20400		0.97	4.38	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Lead	58.9		0.013	0.088	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Magnesium	1030		2.36	43.8	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Manganese	112		0.030	0.088	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Nickel	8.43		0.014	0.088	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Mercury	1.78	D	0.035	0.079	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Potassium	324		3.49	43.8	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Selenium	0.43	J	0.11	0.44	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Silver	1.46		0.023	0.088	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Sodium	248		5.35	43.8	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Thallium	0.11		0.0090	0.088	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Vanadium	20.9		0.0070	0.44	mg/Kg
P3671-06	S-905-KJ-SO-0-0.5-081924	SOIL	Zinc	131		0.11	0.44	mg/Kg
Client ID : S-905-KJ-SO-0-0.5-081924-FD								
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Aluminum	11600	D	2.49	8.88	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Antimony	0.17	J	0.0090	0.18	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Arsenic	6.06	D	0.040	0.44	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Barium	70.0		0.033	0.89	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Beryllium	0.76		0.022	0.089	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Cadmium	0.60		0.024	0.089	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Calcium	5710		5.99	44.4	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Chromium	21.9		0.021	0.18	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Cobalt	5.40		0.0070	0.089	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Copper	89.9		0.050	0.18	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Iron	16100		0.99	4.44	mg/Kg

Hit Summary Sheet SW-846

SDG No.:	P3671	Order ID:	P3671
Client:	JACOBS Engineering Group, Inc.	Project ID:	Former Schlumberger Site Princeton NJ

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Lead	70.3		0.013	0.089	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Magnesium	1650		2.40	44.4	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Manganese	130		0.030	0.089	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Nickel	11.7		0.014	0.089	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Mercury	1.44	D	0.035	0.079	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Potassium	414		3.53	44.4	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Selenium	0.87	JD	0.53	2.22	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Silver	1.39		0.023	0.089	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Sodium	383		5.43	44.4	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Thallium	0.17		0.0090	0.089	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Vanadium	29.1		0.0070	0.44	mg/Kg
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	SOIL	Zinc	103		0.12	0.44	mg/Kg

Client ID : S-905-J-SO-0.5-1.0-081924

P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Aluminum	12300	D	2.63	9.38	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Antimony	0.11	J	0.0090	0.19	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Arsenic	6.34	D	0.042	0.47	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Barium	70.2		0.035	0.94	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Beryllium	0.92		0.023	0.094	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Cadmium	0.55		0.025	0.094	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Calcium	3620		6.33	46.9	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Chromium	19.8		0.023	0.19	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Cobalt	11.8		0.0080	0.094	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Copper	94.7		0.053	0.19	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Iron	18000		1.04	4.69	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Lead	61.3		0.014	0.094	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Magnesium	1510		2.53	46.9	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Manganese	111		0.032	0.094	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Nickel	23.7		0.015	0.094	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Mercury	3.41	D	0.070	0.16	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Potassium	402		3.73	46.9	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Selenium	0.76	JD	0.56	2.35	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Silver	1.70		0.024	0.094	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Sodium	319		5.73	46.9	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Thallium	0.17		0.0090	0.094	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Vanadium	31.2		0.0080	0.47	mg/Kg
P3671-08	S-905-J-SO-0.5-1.0-081924	SOIL	Zinc	93.5		0.12	0.47	mg/Kg

Client ID : S-928-K1-SO-0-0.5-081924

P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Aluminum	9990		0.88	3.13	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Antimony	1.20		0.016	0.31	mg/Kg

Hit Summary Sheet SW-846

SDG No.:	P3671	Order ID:	P3671
Client:	JACOBS Engineering Group, Inc.	Project ID:	Former Schlumberger Site Princeton NJ

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Arsenic	13.3	D	0.070	0.78	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Barium	191		0.058	1.57	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Beryllium	1.07		0.039	0.16	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Cadmium	1.28		0.042	0.16	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Calcium	4050		10.6	78.3	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Chromium	20.7		0.038	0.31	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Cobalt	7.48		0.013	0.16	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Copper	63.5		0.088	0.31	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Iron	15100		1.74	7.83	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Lead	195		0.023	0.16	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Magnesium	1310		4.23	78.3	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Manganese	2130	D	0.27	0.78	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Nickel	14.8		0.025	0.16	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Mercury	0.087		0.012	0.027	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Potassium	501		6.23	78.3	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Selenium	2.10	JD	0.94	3.92	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Silver	6.51		0.041	0.16	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Sodium	760		9.57	78.3	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Thallium	0.17		0.016	0.16	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Vanadium	31.2		0.013	0.78	mg/Kg
P3671-09	S-928-K1-SO-0-0.5-081924	SOIL	Zinc	159		0.20	0.78	mg/Kg

Client ID : S-928-K1-SO-0.5-1-081924

P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Aluminum	11100		0.69	2.48	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Antimony	0.86		0.012	0.25	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Arsenic	11.7	D	0.056	0.62	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Barium	177		0.046	1.24	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Beryllium	0.99		0.031	0.12	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Cadmium	1.18		0.033	0.12	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Calcium	3790		8.37	62.0	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Chromium	24.0		0.030	0.25	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Cobalt	8.82		0.010	0.12	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Copper	51.4		0.069	0.25	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Iron	16700		1.38	6.20	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Lead	128		0.019	0.12	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Magnesium	1770		3.35	62.0	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Manganese	2640	D	0.21	0.62	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Nickel	14.6		0.020	0.12	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Mercury	0.092		0.0090	0.021	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Potassium	596		4.93	62.0	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Selenium	1.55	JD	0.74	3.10	mg/Kg

Hit Summary Sheet SW-846

SDG No.:	P3671	Order ID:	P3671
Client:	JACOBS Engineering Group, Inc.	Project ID:	Former Schlumberger Site Princeton NJ

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Silver	3.73		0.032	0.12	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Sodium	629		7.58	62.0	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Thallium	0.19		0.012	0.12	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Vanadium	32.6		0.010	0.62	mg/Kg
P3671-10	S-928-K1-SO-0.5-1-081924	SOIL	Zinc	173		0.16	0.62	mg/Kg

Client ID : S-903-J-SO-0-0.5-081924

P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Aluminum	10900	D	2.60	9.28	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Antimony	0.25		0.0090	0.19	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Arsenic	6.19		0.0080	0.093	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Barium	60.4		0.034	0.93	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Beryllium	0.55		0.023	0.093	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Cadmium	1.21		0.025	0.093	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Calcium	6890		6.27	46.4	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Chromium	21.0		0.022	0.19	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Cobalt	12.9		0.0070	0.093	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Copper	139		0.052	0.19	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Iron	19600		1.03	4.64	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Lead	92.4		0.014	0.093	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Magnesium	4190		2.51	46.4	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Manganese	285		0.032	0.093	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Nickel	18.8		0.015	0.093	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Mercury	0.14		0.0070	0.015	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Potassium	528		3.69	46.4	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Selenium	0.46	J	0.11	0.46	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Silver	4.17		0.024	0.093	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Sodium	376		5.67	46.4	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Thallium	0.099		0.0090	0.093	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Vanadium	34.8		0.0070	0.46	mg/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Zinc	145		0.12	0.46	mg/Kg

Client ID : S-903-J-SO-0.5-1.0-081924

P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Aluminum	12400	D	2.33	8.33	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Antimony	0.18		0.0080	0.17	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Arsenic	8.52		0.0070	0.083	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Barium	53.6		0.031	0.83	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Beryllium	0.43		0.021	0.083	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Cadmium	2.44		0.022	0.083	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Calcium	6500		5.62	41.6	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Chromium	22.3		0.020	0.17	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Cobalt	14.6		0.0070	0.083	mg/Kg

Hit Summary Sheet SW-846

SDG No.:	P3671	Order ID:	P3671
Client:	JACOBS Engineering Group, Inc.	Project ID:	Former Schlumberger Site Princeton NJ

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Copper	235		0.047	0.17	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Iron	23600	D	4.62	20.8	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Lead	107		0.012	0.083	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Magnesium	5650		2.25	41.6	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Manganese	258		0.028	0.083	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Nickel	23.0		0.013	0.083	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Mercury	0.39		0.0070	0.016	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Potassium	486		3.31	41.6	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Selenium	0.62		0.10	0.42	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Silver	4.65		0.022	0.083	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Sodium	533		5.09	41.6	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Thallium	0.088		0.0080	0.083	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Vanadium	42.7		0.0070	0.42	mg/Kg
P3671-12	S-903-J-SO-0.5-1.0-081924	SOIL	Zinc	216		0.11	0.42	mg/Kg

Client ID : S-912-J-SO-0.5-081924

P3671-13	S-912-J-SO-0.5-081924	SOIL	Aluminum	5260		1.30	4.64	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Antimony	3.30		0.023	0.46	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Arsenic	21.1		0.021	0.23	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Barium	181		0.086	2.32	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Beryllium	0.65		0.058	0.23	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Cadmium	0.89		0.063	0.23	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Calcium	9590		15.6	116	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Chromium	19.3		0.056	0.46	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Cobalt	3.46		0.019	0.23	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Copper	76.1		0.13	0.46	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Iron	18000		2.57	11.6	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Lead	294		0.035	0.23	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Magnesium	1460		6.26	116	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Manganese	2040		0.079	0.23	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Nickel	12.7		0.037	0.23	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Mercury	0.45		0.020	0.045	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Potassium	466		9.22	116	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Selenium	3.64		0.28	1.16	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Silver	1.56		0.060	0.23	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Sodium	2800		14.2	116	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Thallium	0.15	J	0.023	0.23	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Vanadium	50.9		0.019	1.16	mg/Kg
P3671-13	S-912-J-SO-0.5-081924	SOIL	Zinc	67.1		0.30	1.16	mg/Kg

Client ID : S-912-J-SO-0.5-1-081924

Hit Summary Sheet
SW-846

SDG No.:	P3671	Order ID:	P3671
Client:	JACOBS Engineering Group, Inc.	Project ID:	Former Schlumberger Site Princeton NJ

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Aluminum	4900		0.79	2.83	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Antimony	0.26	J	0.014	0.28	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Arsenic	3.60		0.013	0.14	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Barium	77.7		0.052	1.42	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Beryllium	0.42		0.035	0.14	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Cadmium	0.26		0.038	0.14	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Calcium	3140		9.57	70.9	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Chromium	11.5		0.034	0.28	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Cobalt	0.68		0.011	0.14	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Copper	20.7		0.079	0.28	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Iron	3320		1.57	7.09	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Lead	52.1		0.021	0.14	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Magnesium	557		3.83	70.9	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Manganese	766		0.048	0.14	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Nickel	4.59		0.023	0.14	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Mercury	0.046		0.011	0.025	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Potassium	250		5.64	70.9	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Selenium	0.99		0.17	0.71	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Silver	0.13	J	0.037	0.14	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Sodium	1010		8.66	70.9	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Thallium	0.060	J	0.014	0.14	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Vanadium	9.59		0.011	0.71	mg/Kg
P3671-14	S-912-J-SO-0.5-1-081924	SOIL	Zinc	22.8		0.18	0.71	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	71.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7680	N	1	0.53	1.91	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7440-36-0	Antimony	0.32		1	0.010	0.19	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7440-38-2	Arsenic	4.27		1	0.0090	0.095	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7440-39-3	Barium	56.2		1	0.035	0.95	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7440-41-7	Beryllium	0.59		1	0.024	0.095	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7440-43-9	Cadmium	1.01		1	0.026	0.095	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7440-70-2	Calcium	6250		1	6.44	47.7	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7440-47-3	Chromium	25.8		1	0.023	0.19	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7440-48-4	Cobalt	19.6		1	0.0080	0.095	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7440-50-8	Copper	102		1	0.053	0.19	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7439-89-6	Iron	15000		1	1.06	4.77	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7439-92-1	Lead	94.2		1	0.014	0.095	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7439-95-4	Magnesium	2000		1	2.58	47.7	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7439-96-5	Manganese	310		1	0.032	0.095	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7439-97-6	Mercury	0.51	N	1	0.0080	0.018	mg/Kg	08/23/24 14:30	08/24/24 11:10	SW7471B	
7440-02-0	Nickel	39.7		1	0.015	0.095	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7440-09-7	Potassium	416		1	3.80	47.7	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7782-49-2	Selenium	0.52		1	0.11	0.48	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7440-22-4	Silver	1.56	N	1	0.025	0.095	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7440-23-5	Sodium	398		1	5.83	47.7	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7440-28-0	Thallium	0.10		1	0.010	0.095	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7440-62-2	Vanadium	26.9		1	0.0080	0.48	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050
7440-66-6	Zinc	165		1	0.12	0.48	mg/Kg	08/21/24 11:00	08/25/24 21:29	SW6020	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
Comments:	Mercury			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	79.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11000	DN	5	2.41	8.59	mg/Kg	08/21/24 11:00	08/25/24 21:38	SW6020	SW3050
7440-36-0	Antimony	0.24		1	0.0090	0.17	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050
7440-38-2	Arsenic	5.33	D	5	0.039	0.43	mg/Kg	08/21/24 11:00	08/25/24 21:38	SW6020	SW3050
7440-39-3	Barium	67.5		1	0.032	0.86	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050
7440-41-7	Beryllium	0.76		1	0.021	0.086	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050
7440-43-9	Cadmium	1.51		1	0.023	0.086	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050
7440-70-2	Calcium	5560		1	5.80	43.0	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050
7440-47-3	Chromium	34.2		1	0.021	0.17	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050
7440-48-4	Cobalt	23.9		1	0.0070	0.086	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050
7440-50-8	Copper	124		1	0.048	0.17	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050
7439-89-6	Iron	20300		1	0.95	4.30	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050
7439-92-1	Lead	130		1	0.013	0.086	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050
7439-95-4	Magnesium	2780		1	2.32	43.0	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050
7439-96-5	Manganese	276		1	0.029	0.086	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050
7439-97-6	Mercury	0.27	N	1	0.0070	0.017	mg/Kg	08/23/24 14:30	08/24/24 11:24	SW7471B	
7440-02-0	Nickel	47.4		1	0.014	0.086	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050
7440-09-7	Potassium	600		1	3.42	43.0	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050
7782-49-2	Selenium	0.82	JD	5	0.52	2.15	mg/Kg	08/21/24 11:00	08/25/24 21:38	SW6020	SW3050
7440-22-4	Silver	1.93	N	1	0.022	0.086	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050
7440-23-5	Sodium	386		1	5.25	43.0	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050
7440-28-0	Thallium	0.13		1	0.0090	0.086	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050
7440-62-2	Vanadium	39.9		1	0.0070	0.43	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050
7440-66-6	Zinc	199		1	0.11	0.43	mg/Kg	08/21/24 11:00	08/25/24 21:35	SW6020	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
Comments:	Mercury			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	46.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5060	N	1	0.82	2.94	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7440-36-0	Antimony	0.47		1	0.015	0.29	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7440-38-2	Arsenic	2.77		1	0.013	0.15	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7440-39-3	Barium	74.1		1	0.054	1.47	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7440-41-7	Beryllium	0.45		1	0.037	0.15	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7440-43-9	Cadmium	0.38		1	0.040	0.15	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7440-70-2	Calcium	2420		1	9.93	73.5	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7440-47-3	Chromium	10.3		1	0.035	0.29	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7440-48-4	Cobalt	0.78		1	0.012	0.15	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7440-50-8	Copper	23.7		1	0.082	0.29	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7439-89-6	Iron	3000		1	1.63	7.35	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7439-92-1	Lead	49.0		1	0.022	0.15	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7439-95-4	Magnesium	442		1	3.97	73.5	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7439-96-5	Manganese	250		1	0.050	0.15	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7439-97-6	Mercury	0.072	N	1	0.013	0.030	mg/Kg	08/23/24 14:30	08/24/24 11:26	SW7471B	
7440-02-0	Nickel	5.92		1	0.024	0.15	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7440-09-7	Potassium	152		1	5.85	73.5	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7782-49-2	Selenium	1.21		1	0.18	0.74	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7440-22-4	Silver	0.73	N	1	0.038	0.15	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7440-23-5	Sodium	721		1	8.98	73.5	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7440-28-0	Thallium	0.049	J	1	0.015	0.15	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7440-62-2	Vanadium	7.73		1	0.012	0.74	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050
7440-66-6	Zinc	40.1		1	0.19	0.74	mg/Kg	08/21/24 11:00	08/25/24 21:41	SW6020	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
Comments:	Mercury			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	56

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7610	N	1	0.83	2.98	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050
7440-36-0	Antimony	1.90		1	0.015	0.30	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050
7440-38-2	Arsenic	10.7	D	5	0.067	0.74	mg/Kg	08/21/24 11:00	08/25/24 22:03	SW6020	SW3050
7440-39-3	Barium	184		1	0.055	1.49	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050
7440-41-7	Beryllium	0.74		1	0.037	0.15	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050
7440-43-9	Cadmium	1.07		1	0.040	0.15	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050
7440-70-2	Calcium	4220		1	10.0	74.4	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050
7440-47-3	Chromium	17.9		1	0.036	0.30	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050
7440-48-4	Cobalt	6.88		1	0.012	0.15	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050
7440-50-8	Copper	62.2		1	0.083	0.30	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050
7439-89-6	Iron	13800		1	1.65	7.44	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050
7439-92-1	Lead	189		1	0.022	0.15	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050
7439-95-4	Magnesium	1180		1	4.02	74.4	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050
7439-96-5	Manganese	2710	D	5	0.25	0.74	mg/Kg	08/21/24 11:00	08/25/24 22:03	SW6020	SW3050
7439-97-6	Mercury	0.12	N	1	0.011	0.024	mg/Kg	08/23/24 14:30	08/24/24 11:28	SW7471B	
7440-02-0	Nickel	14.2		1	0.024	0.15	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050
7440-09-7	Potassium	402		1	5.92	74.4	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050
7782-49-2	Selenium	2.18	JD	5	0.89	3.72	mg/Kg	08/21/24 11:00	08/25/24 22:03	SW6020	SW3050
7440-22-4	Silver	3.99	N	1	0.039	0.15	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050
7440-23-5	Sodium	846		1	9.09	74.4	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050
7440-28-0	Thallium	0.20		1	0.015	0.15	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050
7440-62-2	Vanadium	31.9		1	0.012	0.74	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050
7440-66-6	Zinc	127		1	0.19	0.74	mg/Kg	08/21/24 11:00	08/25/24 22:00	SW6020	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
Comments:	Mercury			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	35

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9270	N	1	1.11	3.97	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7440-36-0	Antimony	2.37		1	0.020	0.40	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7440-38-2	Arsenic	12.3		1	0.018	0.20	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7440-39-3	Barium	185		1	0.073	1.98	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7440-41-7	Beryllium	0.84		1	0.050	0.20	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7440-43-9	Cadmium	1.04		1	0.054	0.20	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7440-70-2	Calcium	4770		1	13.4	99.2	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7440-47-3	Chromium	20.7		1	0.048	0.40	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7440-48-4	Cobalt	5.55		1	0.016	0.20	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7440-50-8	Copper	81.5		1	0.11	0.40	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7439-89-6	Iron	15000		1	2.20	9.92	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7439-92-1	Lead	226		1	0.030	0.20	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7439-95-4	Magnesium	1270		1	5.36	99.2	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7439-96-5	Manganese	1700		1	0.067	0.20	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7439-97-6	Mercury	0.37	N	1	0.017	0.038	mg/Kg	08/23/24 14:30	08/24/24 11:31	SW7471B	
7440-02-0	Nickel	16.1		1	0.032	0.20	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7440-09-7	Potassium	441		1	7.90	99.2	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7782-49-2	Selenium	3.70	JD	5	1.19	4.96	mg/Kg	08/21/24 11:00	08/25/24 22:09	SW6020	SW3050
7440-22-4	Silver	4.60	N	1	0.052	0.20	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7440-23-5	Sodium	1180		1	12.1	99.2	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7440-28-0	Thallium	0.20		1	0.020	0.20	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7440-62-2	Vanadium	39.6		1	0.016	0.99	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050
7440-66-6	Zinc	122		1	0.26	0.99	mg/Kg	08/21/24 11:00	08/25/24 22:06	SW6020	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
Comments:	Mercury			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7210	N	1	0.49	1.75	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7440-36-0	Antimony	0.16	J	1	0.0090	0.18	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7440-38-2	Arsenic	4.35		1	0.0080	0.088	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7440-39-3	Barium	48.8		1	0.032	0.88	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7440-41-7	Beryllium	0.50		1	0.022	0.088	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7440-43-9	Cadmium	0.49		1	0.024	0.088	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7440-70-2	Calcium	4120		1	5.91	43.8	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7440-47-3	Chromium	17.3		1	0.021	0.18	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7440-48-4	Cobalt	3.38		1	0.0070	0.088	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7440-50-8	Copper	69.4		1	0.049	0.18	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7439-89-6	Iron	20400		1	0.97	4.38	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7439-92-1	Lead	58.9		1	0.013	0.088	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7439-95-4	Magnesium	1030		1	2.36	43.8	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7439-96-5	Manganese	112		1	0.030	0.088	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7439-97-6	Mercury	1.78	DN	5	0.035	0.079	mg/Kg	08/23/24 14:30	08/24/24 13:45	SW7471B	
7440-02-0	Nickel	8.43		1	0.014	0.088	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7440-09-7	Potassium	324		1	3.49	43.8	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7782-49-2	Selenium	0.43	J	1	0.11	0.44	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7440-22-4	Silver	1.46	N	1	0.023	0.088	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7440-23-5	Sodium	248		1	5.35	43.8	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7440-28-0	Thallium	0.11		1	0.0090	0.088	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7440-62-2	Vanadium	20.9		1	0.0070	0.44	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050
7440-66-6	Zinc	131		1	0.11	0.44	mg/Kg	08/21/24 11:00	08/25/24 22:12	SW6020	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
Comments:	Mercury			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	76.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11600	DN	5	2.49	8.88	mg/Kg	08/21/24 11:00	08/25/24 22:22	SW6020	SW3050
7440-36-0	Antimony	0.17	J	1	0.0090	0.18	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050
7440-38-2	Arsenic	6.06	D	5	0.040	0.44	mg/Kg	08/21/24 11:00	08/25/24 22:22	SW6020	SW3050
7440-39-3	Barium	70.0		1	0.033	0.89	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050
7440-41-7	Beryllium	0.76		1	0.022	0.089	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050
7440-43-9	Cadmium	0.60		1	0.024	0.089	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050
7440-70-2	Calcium	5710		1	5.99	44.4	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050
7440-47-3	Chromium	21.9		1	0.021	0.18	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050
7440-48-4	Cobalt	5.40		1	0.0070	0.089	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050
7440-50-8	Copper	89.9		1	0.050	0.18	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050
7439-89-6	Iron	16100		1	0.99	4.44	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050
7439-92-1	Lead	70.3		1	0.013	0.089	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050
7439-95-4	Magnesium	1650		1	2.40	44.4	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050
7439-96-5	Manganese	130		1	0.030	0.089	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050
7439-97-6	Mercury	1.44	DN	5	0.035	0.079	mg/Kg	08/23/24 14:30	08/24/24 13:42	SW7471B	
7440-02-0	Nickel	11.7		1	0.014	0.089	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050
7440-09-7	Potassium	414		1	3.53	44.4	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050
7782-49-2	Selenium	0.87	JD	5	0.53	2.22	mg/Kg	08/21/24 11:00	08/25/24 22:22	SW6020	SW3050
7440-22-4	Silver	1.39	N	1	0.023	0.089	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050
7440-23-5	Sodium	383		1	5.43	44.4	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050
7440-28-0	Thallium	0.17		1	0.0090	0.089	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050
7440-62-2	Vanadium	29.1		1	0.0070	0.44	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050
7440-66-6	Zinc	103		1	0.12	0.44	mg/Kg	08/21/24 11:00	08/25/24 22:19	SW6020	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
Comments:	Mercury			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-08	Matrix:	SOIL
Level (low/med):	low	% Solid:	82

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12300	DN	5	2.63	9.38	mg/Kg	08/21/24 11:00	08/25/24 22:28	SW6020	SW3050
7440-36-0	Antimony	0.11	J	1	0.0090	0.19	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050
7440-38-2	Arsenic	6.34	D	5	0.042	0.47	mg/Kg	08/21/24 11:00	08/25/24 22:28	SW6020	SW3050
7440-39-3	Barium	70.2		1	0.035	0.94	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050
7440-41-7	Beryllium	0.92		1	0.023	0.094	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050
7440-43-9	Cadmium	0.55		1	0.025	0.094	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050
7440-70-2	Calcium	3620		1	6.33	46.9	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050
7440-47-3	Chromium	19.8		1	0.023	0.19	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050
7440-48-4	Cobalt	11.8		1	0.0080	0.094	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050
7440-50-8	Copper	94.7		1	0.053	0.19	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050
7439-89-6	Iron	18000		1	1.04	4.69	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050
7439-92-1	Lead	61.3		1	0.014	0.094	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050
7439-95-4	Magnesium	1510		1	2.53	46.9	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050
7439-96-5	Manganese	111		1	0.032	0.094	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050
7439-97-6	Mercury	3.41	DN	10	0.070	0.16	mg/Kg	08/23/24 14:30	08/24/24 13:47	SW7471B	
7440-02-0	Nickel	23.7		1	0.015	0.094	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050
7440-09-7	Potassium	402		1	3.73	46.9	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050
7782-49-2	Selenium	0.76	JD	5	0.56	2.35	mg/Kg	08/21/24 11:00	08/25/24 22:28	SW6020	SW3050
7440-22-4	Silver	1.70	N	1	0.024	0.094	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050
7440-23-5	Sodium	319		1	5.73	46.9	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050
7440-28-0	Thallium	0.17		1	0.0090	0.094	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050
7440-62-2	Vanadium	31.2		1	0.0080	0.47	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050
7440-66-6	Zinc	93.5		1	0.12	0.47	mg/Kg	08/21/24 11:00	08/25/24 22:25	SW6020	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
Comments:	Mercury			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	48

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9990	N	1	0.88	3.13	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050
7440-36-0	Antimony	1.20		1	0.016	0.31	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050
7440-38-2	Arsenic	13.3	D	5	0.070	0.78	mg/Kg	08/21/24 11:00	08/25/24 22:57	SW6020	SW3050
7440-39-3	Barium	191		1	0.058	1.57	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050
7440-41-7	Beryllium	1.07		1	0.039	0.16	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050
7440-43-9	Cadmium	1.28		1	0.042	0.16	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050
7440-70-2	Calcium	4050		1	10.6	78.3	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050
7440-47-3	Chromium	20.7		1	0.038	0.31	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050
7440-48-4	Cobalt	7.48		1	0.013	0.16	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050
7440-50-8	Copper	63.5		1	0.088	0.31	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050
7439-89-6	Iron	15100		1	1.74	7.83	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050
7439-92-1	Lead	195		1	0.023	0.16	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050
7439-95-4	Magnesium	1310		1	4.23	78.3	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050
7439-96-5	Manganese	2130	D	5	0.27	0.78	mg/Kg	08/21/24 11:00	08/25/24 22:57	SW6020	SW3050
7439-97-6	Mercury	0.087	N	1	0.012	0.027	mg/Kg	08/23/24 14:30	08/24/24 11:40	SW7471B	
7440-02-0	Nickel	14.8		1	0.025	0.16	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050
7440-09-7	Potassium	501		1	6.23	78.3	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050
7782-49-2	Selenium	2.10	JD	5	0.94	3.92	mg/Kg	08/21/24 11:00	08/25/24 22:57	SW6020	SW3050
7440-22-4	Silver	6.51	N	1	0.041	0.16	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050
7440-23-5	Sodium	760		1	9.57	78.3	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050
7440-28-0	Thallium	0.17		1	0.016	0.16	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050
7440-62-2	Vanadium	31.2		1	0.013	0.78	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050
7440-66-6	Zinc	159		1	0.20	0.78	mg/Kg	08/21/24 11:00	08/25/24 22:54	SW6020	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
Comments:	Mercury			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-10	Matrix:	SOIL
Level (low/med):	low	% Solid:	57.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11100	N	1	0.69	2.48	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050
7440-36-0	Antimony	0.86		1	0.012	0.25	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050
7440-38-2	Arsenic	11.7	D	5	0.056	0.62	mg/Kg	08/21/24 11:00	08/25/24 23:03	SW6020	SW3050
7440-39-3	Barium	177		1	0.046	1.24	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050
7440-41-7	Beryllium	0.99		1	0.031	0.12	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050
7440-43-9	Cadmium	1.18		1	0.033	0.12	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050
7440-70-2	Calcium	3790		1	8.37	62.0	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050
7440-47-3	Chromium	24.0		1	0.030	0.25	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050
7440-48-4	Cobalt	8.82		1	0.010	0.12	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050
7440-50-8	Copper	51.4		1	0.069	0.25	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050
7439-89-6	Iron	16700		1	1.38	6.20	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050
7439-92-1	Lead	128		1	0.019	0.12	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050
7439-95-4	Magnesium	1770		1	3.35	62.0	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050
7439-96-5	Manganese	2640	D	5	0.21	0.62	mg/Kg	08/21/24 11:00	08/25/24 23:03	SW6020	SW3050
7439-97-6	Mercury	0.092	N	1	0.0090	0.021	mg/Kg	08/23/24 14:30	08/24/24 11:48	SW7471B	
7440-02-0	Nickel	14.6		1	0.020	0.12	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050
7440-09-7	Potassium	596		1	4.93	62.0	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050
7782-49-2	Selenium	1.55	JD	5	0.74	3.10	mg/Kg	08/21/24 11:00	08/25/24 23:03	SW6020	SW3050
7440-22-4	Silver	3.73	N	1	0.032	0.12	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050
7440-23-5	Sodium	629		1	7.58	62.0	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050
7440-28-0	Thallium	0.19		1	0.012	0.12	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050
7440-62-2	Vanadium	32.6		1	0.010	0.62	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050
7440-66-6	Zinc	173		1	0.16	0.62	mg/Kg	08/21/24 11:00	08/25/24 23:00	SW6020	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
Comments:	Mercury			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-11	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10900	DN	5	2.60	9.28	mg/Kg	08/21/24 11:00	08/25/24 23:09	SW6020	SW3050
7440-36-0	Antimony	0.25		1	0.0090	0.19	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7440-38-2	Arsenic	6.19		1	0.0080	0.093	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7440-39-3	Barium	60.4		1	0.034	0.93	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7440-41-7	Beryllium	0.55		1	0.023	0.093	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7440-43-9	Cadmium	1.21		1	0.025	0.093	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7440-70-2	Calcium	6890		1	6.27	46.4	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7440-47-3	Chromium	21.0		1	0.022	0.19	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7440-48-4	Cobalt	12.9		1	0.0070	0.093	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7440-50-8	Copper	139		1	0.052	0.19	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7439-89-6	Iron	19600		1	1.03	4.64	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7439-92-1	Lead	92.4		1	0.014	0.093	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7439-95-4	Magnesium	4190		1	2.51	46.4	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7439-96-5	Manganese	285		1	0.032	0.093	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7439-97-6	Mercury	0.14	N	1	0.0070	0.015	mg/Kg	08/23/24 14:30	08/24/24 11:50	SW7471B	
7440-02-0	Nickel	18.8		1	0.015	0.093	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7440-09-7	Potassium	528		1	3.69	46.4	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7782-49-2	Selenium	0.46	J	1	0.11	0.46	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7440-22-4	Silver	4.17	N	1	0.024	0.093	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7440-23-5	Sodium	376		1	5.67	46.4	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7440-28-0	Thallium	0.099		1	0.0090	0.093	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7440-62-2	Vanadium	34.8		1	0.0070	0.46	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050
7440-66-6	Zinc	145		1	0.12	0.46	mg/Kg	08/21/24 11:00	08/25/24 23:06	SW6020	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
Comments:	Mercury			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-12	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12400	DN	5	2.33	8.33	mg/Kg	08/21/24 11:00	08/25/24 23:15	SW6020	SW3050
7440-36-0	Antimony	0.18		1	0.0080	0.17	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7440-38-2	Arsenic	8.52		1	0.0070	0.083	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7440-39-3	Barium	53.6		1	0.031	0.83	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7440-41-7	Beryllium	0.43		1	0.021	0.083	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7440-43-9	Cadmium	2.44		1	0.022	0.083	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7440-70-2	Calcium	6500		1	5.62	41.6	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7440-47-3	Chromium	22.3		1	0.020	0.17	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7440-48-4	Cobalt	14.6		1	0.0070	0.083	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7440-50-8	Copper	235		1	0.047	0.17	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7439-89-6	Iron	23600	D	5	4.62	20.8	mg/Kg	08/21/24 11:00	08/25/24 23:15	SW6020	SW3050
7439-92-1	Lead	107		1	0.012	0.083	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7439-95-4	Magnesium	5650		1	2.25	41.6	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7439-96-5	Manganese	258		1	0.028	0.083	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7439-97-6	Mercury	0.39	N	1	0.0070	0.016	mg/Kg	08/23/24 14:30	08/24/24 11:52	SW7471B	
7440-02-0	Nickel	23.0		1	0.013	0.083	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7440-09-7	Potassium	486		1	3.31	41.6	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7782-49-2	Selenium	0.62		1	0.10	0.42	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7440-22-4	Silver	4.65	N	1	0.022	0.083	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7440-23-5	Sodium	533		1	5.09	41.6	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7440-28-0	Thallium	0.088		1	0.0080	0.083	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7440-62-2	Vanadium	42.7		1	0.0070	0.42	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050
7440-66-6	Zinc	216		1	0.11	0.42	mg/Kg	08/21/24 11:00	08/25/24 23:12	SW6020	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
Comments:	Mercury			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	30.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5260	N	1	1.30	4.64	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7440-36-0	Antimony	3.30		1	0.023	0.46	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7440-38-2	Arsenic	21.1		1	0.021	0.23	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7440-39-3	Barium	181		1	0.086	2.32	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7440-41-7	Beryllium	0.65		1	0.058	0.23	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7440-43-9	Cadmium	0.89		1	0.063	0.23	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7440-70-2	Calcium	9590		1	15.6	116	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7440-47-3	Chromium	19.3		1	0.056	0.46	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7440-48-4	Cobalt	3.46		1	0.019	0.23	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7440-50-8	Copper	76.1		1	0.13	0.46	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7439-89-6	Iron	18000		1	2.57	11.6	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7439-92-1	Lead	294		1	0.035	0.23	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7439-95-4	Magnesium	1460		1	6.26	116	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7439-96-5	Manganese	2040		1	0.079	0.23	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7439-97-6	Mercury	0.45	N	1	0.020	0.045	mg/Kg	08/23/24 14:30	08/24/24 11:54	SW7471B	
7440-02-0	Nickel	12.7		1	0.037	0.23	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7440-09-7	Potassium	466		1	9.22	116	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7782-49-2	Selenium	3.64		1	0.28	1.16	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7440-22-4	Silver	1.56	N	1	0.060	0.23	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7440-23-5	Sodium	2800		1	14.2	116	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7440-28-0	Thallium	0.15	J	1	0.023	0.23	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7440-62-2	Vanadium	50.9		1	0.019	1.16	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050
7440-66-6	Zinc	67.1		1	0.30	1.16	mg/Kg	08/21/24 11:00	08/25/24 23:19	SW6020	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
Comments:	Mercury			

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:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-14	Matrix:	SOIL
Level (low/med):	low	% Solid:	51.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4900	N	1	0.79	2.83	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7440-36-0	Antimony	0.26	J	1	0.014	0.28	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7440-38-2	Arsenic	3.60		1	0.013	0.14	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7440-39-3	Barium	77.7		1	0.052	1.42	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7440-41-7	Beryllium	0.42		1	0.035	0.14	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7440-43-9	Cadmium	0.26		1	0.038	0.14	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7440-70-2	Calcium	3140		1	9.57	70.9	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7440-47-3	Chromium	11.5		1	0.034	0.28	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7440-48-4	Cobalt	0.68		1	0.011	0.14	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7440-50-8	Copper	20.7		1	0.079	0.28	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7439-89-6	Iron	3320		1	1.57	7.09	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7439-92-1	Lead	52.1		1	0.021	0.14	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7439-95-4	Magnesium	557		1	3.83	70.9	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7439-96-5	Manganese	766		1	0.048	0.14	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7439-97-6	Mercury	0.046	N	1	0.011	0.025	mg/Kg	08/23/24 14:30	08/24/24 11:57	SW7471B	
7440-02-0	Nickel	4.59		1	0.023	0.14	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7440-09-7	Potassium	250		1	5.64	70.9	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7782-49-2	Selenium	0.99		1	0.17	0.71	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7440-22-4	Silver	0.13	JN	1	0.037	0.14	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7440-23-5	Sodium	1010		1	8.66	70.9	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7440-28-0	Thallium	0.060	J	1	0.014	0.14	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7440-62-2	Vanadium	9.59		1	0.011	0.71	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050
7440-66-6	Zinc	22.8		1	0.18	0.71	mg/Kg	08/21/24 11:00	08/25/24 23:46	SW6020	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
Comments:	Mercury			

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
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N = Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	P3671	OrderDate:	8/20/2024 10:36:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	G11,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3671-01	S-904-J-SO-0-0.5-081 924	SOIL			08/19/24			08/19/24
			Mercury	7471B		08/23/24	08/24/24	
			Metals Group4	6020B		08/21/24	08/25/24	
P3671-02	S-904-J-SO-0.5-1.0-0 81924	SOIL			08/19/24			08/19/24
			Mercury	7471B		08/23/24	08/24/24	
			Metals Group4	6020B		08/21/24	08/25/24	
P3671-03	S-911-K1-SO-0-0.5-08 1924	SOIL			08/19/24			08/19/24
			Mercury	7471B		08/23/24	08/24/24	
			Metals Group4	6020B		08/21/24	08/25/24	
P3671-04	S-911-K1-SO-0.5-1-08 1924	SOIL			08/19/24			08/19/24
			Mercury	7471B		08/23/24	08/24/24	
			Metals Group4	6020B		08/21/24	08/25/24	
P3671-05	S-911-K1-SO-0-0.5-08 1924-FD	SOIL			08/19/24			08/19/24
			Mercury	7471B		08/23/24	08/24/24	
			Metals Group4	6020B		08/21/24	08/25/24	
P3671-06	S-905-KJ-SO-0-0.5-08 1924	SOIL			08/19/24			08/19/24
			Mercury	7471B		08/23/24	08/24/24	
			Metals Group4	6020B		08/21/24	08/25/24	
P3671-07	S-905-KJ-SO-0-0.5-08 1924-FD	SOIL			08/19/24			08/19/24
			Mercury	7471B		08/23/24	08/24/24	
			Metals Group4	6020B		08/21/24	08/25/24	

LAB CHRONICLE

P3671-08	S-905-J-SO-0.5-1.0-0 81924	SOIL			08/19/24		08/19/24
			Mercury	7471B	08/23/24	08/24/24	
			Metals Group4	6020B	08/21/24	08/25/24	
P3671-09	S-928-K1-SO-0-0.5-08 1924	SOIL			08/19/24		08/19/24
			Mercury	7471B	08/23/24	08/24/24	
			Metals Group4	6020B	08/21/24	08/25/24	
P3671-10	S-928-K1-SO-0.5-1-08 1924	SOIL			08/19/24		08/19/24
			Mercury	7471B	08/23/24	08/24/24	
			Metals Group4	6020B	08/21/24	08/25/24	
P3671-11	S-903-J-SO-0-0.5-081 924	SOIL			08/19/24		08/19/24
			Mercury	7471B	08/23/24	08/24/24	
			Metals Group4	6020B	08/21/24	08/25/24	
P3671-12	S-903-J-SO-0.5-1.0-0 81924	SOIL			08/19/24		08/19/24
			Mercury	7471B	08/23/24	08/24/24	
			Metals Group4	6020B	08/21/24	08/25/24	
P3671-13	S-912-J-SO-0-0.5-081 924	SOIL			08/19/24		08/19/24
			Mercury	7471B	08/23/24	08/24/24	
			Metals Group4	6020B	08/21/24	08/25/24	
P3671-14	S-912-J-SO-0.5-1-081 924	SOIL			08/19/24		08/19/24
			Mercury	7471B	08/23/24	08/24/24	
			Metals Group4	6020B	08/21/24	08/25/24	



SAMPLE DATA

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24 09:15
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-01	Matrix:	SOIL
		% Solid:	71.3

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.11	U	1	0.11	0.55	mg/Kg	08/22/24 14:00	08/23/24 12:14	7196A
TOC	23200	OR	1	8.00	250	mg/Kg		08/29/24 10:51	Lloyd Kahn

Comments:

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
H = Sample Analysis Out Of Hold Time

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:	08/19/24 09:30
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-02	Matrix:	SOIL
		% Solid:	79.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.099	U	1	0.099	0.50	mg/Kg	08/22/24 14:00	08/23/24 12:15	7196A
TOC	18400	OR	1	8.00	250	mg/Kg		08/29/24 11:14	Lloyd Kahn

Comments: _____

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
 H = Sample Analysis Out Of Hold Time

J = Estimated Value
 B = Analyte Found in Associated Method Blank
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 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:	08/19/24 09:45
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-03	Matrix:	SOIL
		% Solid:	46.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.17	U	1	0.17	0.84	mg/Kg	08/22/24 14:00	08/23/24 12:16	7196A
TOC	43700	OR	1	8.00	250	mg/Kg		08/29/24 11:40	Lloyd Kahn

Comments: _____

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
 H = Sample Analysis Out Of Hold Time

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:	08/19/24 10:00
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-04	Matrix:	SOIL
		% Solid:	56

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.14	U	1	0.14	0.71	mg/Kg	08/22/24 14:00	08/23/24 12:17	7196A
TOC	55900	OR	1	8.00	250	mg/Kg		08/29/24 12:08	Lloyd Kahn

Comments: _____

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
H = Sample Analysis Out Of Hold Time

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:	08/19/24 10:10
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-05	Matrix:	SOIL
		% Solid:	35

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.22	U	1	0.22	1.13	mg/Kg	08/22/24 14:00	08/23/24 12:18	7196A
TOC	68800	OR	1	8.00	250	mg/Kg		08/29/24 12:32	Lloyd Kahn

Comments: _____

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
 H = Sample Analysis Out Of Hold Time

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:	08/19/24 10:30
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-06	Matrix:	SOIL
		% Solid:	78.2

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.10	U	1	0.10	0.51	mg/Kg	08/22/24 14:00	08/23/24 12:19	7196A
TOC	19100	OR	1	8.00	250	mg/Kg		08/29/24 12:57	Lloyd Kahn

Comments:

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
H = Sample Analysis Out Of Hold Time

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:	08/19/24 10:35
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-07	Matrix:	SOIL
		% Solid:	76.6

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.10	U	1	0.10	0.52	mg/Kg	08/22/24 14:00	08/23/24 12:20	7196A
TOC	21200	OR	1	8.00	250	mg/Kg		08/29/24 13:36	Lloyd Kahn

Comments:

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
H = Sample Analysis Out Of Hold Time

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:	08/19/24 10:45
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-08	Matrix:	SOIL
		% Solid:	82

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.095	U	1	0.095	0.48	mg/Kg	08/22/24 14:00	08/23/24 12:21	7196A
TOC	13600	OR	1	8.00	250	mg/Kg		08/29/24 14:01	Lloyd Kahn

Comments: _____

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
H = Sample Analysis Out Of Hold Time

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:	08/19/24 12:10
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-09	Matrix:	SOIL
		% Solid:	48

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.16	U	1	0.16	0.82	mg/Kg	08/22/24 14:00	08/23/24 12:24	7196A
TOC	35000	OR	1	8.00	250	mg/Kg		08/29/24 14:53	Lloyd Kahn

Comments:

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
 H = Sample Analysis Out Of Hold Time

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:	08/19/24 12:20
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-10	Matrix:	SOIL
		% Solid:	57.2

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.14	U	1	0.14	0.69	mg/Kg	08/22/24 14:00	08/23/24 12:25	7196A
TOC	30800	OR	1	8.00	250	mg/Kg		08/29/24 15:30	Lloyd Kahn

Comments:

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
 H = Sample Analysis Out Of Hold Time

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:	08/19/24 13:10
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-11	Matrix:	SOIL
		% Solid:	83.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.094	U	1	0.094	0.48	mg/Kg	08/22/24 14:00	08/23/24 12:26	7196A
TOC	19500	OR	1	8.00	250	mg/Kg		08/29/24 15:51	Lloyd Kahn

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

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:	08/19/24 13:20
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-12	Matrix:	SOIL
		% Solid:	85.8

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.091	U	1	0.091	0.46	mg/Kg	08/22/24 14:00	08/23/24 12:27	7196A
TOC	13600		1	8.00	250	mg/Kg		08/29/24 16:12	Lloyd Kahn

Comments:

U = Not Detected
LOQ = Limit of Quantitation
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LOD = Limit of Detection
D = Dilution
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H = Sample Analysis Out Of Hold Time

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:	08/19/24 13:30
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-13	Matrix:	SOIL
		% Solid:	30.6

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.25	U	1	0.25	1.28	mg/Kg	08/22/24 14:00	08/23/24 12:28	7196A
TOC	83300	OR	1	8.00	250	mg/Kg		08/29/24 16:39	Lloyd Kahn

Comments: _____

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
H = Sample Analysis Out Of Hold Time

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:	08/19/24 13:40
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-14	Matrix:	SOIL
		% Solid:	51.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.15	U	1	0.15	0.76	mg/Kg	08/22/24 14:00	08/23/24 12:29	7196A
TOC	26100	OR	1	8.00	250	mg/Kg		08/29/24 17:02	Lloyd Kahn

Comments:

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
 H = Sample Analysis Out Of Hold Time

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:	P3671	OrderDate:	8/20/2024 10:36:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	G11,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3671-01	S-904-J-SO-0-0.5-08 1924	SOIL	Hexavalent Chromium	7196A	08/19/24 09:15	08/22/24	08/23/24 12:14	08/19/24
			TOC	Lloyd Kahn			08/29/24 10:51	
P3671-02	S-904-J-SO-0.5-1.0-0 81924	SOIL	Hexavalent Chromium	7196A	08/19/24 09:30	08/22/24	08/23/24 12:15	08/19/24
			TOC	Lloyd Kahn			08/29/24 11:14	
P3671-03	S-911-K1-SO-0-0.5-0 81924	SOIL	Hexavalent Chromium	7196A	08/19/24 09:45	08/22/24	08/23/24 12:16	08/19/24
			TOC	Lloyd Kahn			08/29/24 11:40	
P3671-04	S-911-K1-SO-0.5-1-0 81924	SOIL	Hexavalent Chromium	7196A	08/19/24 10:00	08/22/24	08/23/24 12:17	08/19/24
			TOC	Lloyd Kahn			08/29/24 12:08	
P3671-05	S-911-K1-SO-0-0.5-0 81924-FD	SOIL	Hexavalent Chromium	7196A	08/19/24 10:10	08/22/24	08/23/24 12:18	08/19/24
			TOC	Lloyd Kahn			08/29/24 12:32	

LAB CHRONICLE

P3671-06	S-905-KJ-SO-0-0.5-0 81924	SOIL	Hexavalent Chromium	7196A	08/19/24 10:30	08/22/24	08/23/24 12:19	08/19/24
			TOC	Lloyd Kahn			08/29/24 12:57	
P3671-07	S-905-KJ-SO-0-0.5-0 81924-FD	SOIL	Hexavalent Chromium	7196A	08/19/24 10:35	08/22/24	08/23/24 12:20	08/19/24
			TOC	Lloyd Kahn			08/29/24 13:36	
P3671-08	S-905-J-SO-0.5-1.0-0 81924	SOIL	Hexavalent Chromium	7196A	08/19/24 10:45	08/22/24	08/23/24 12:21	08/19/24
			TOC	Lloyd Kahn			08/29/24 14:01	
P3671-09	S-928-K1-SO-0-0.5-0 81924	SOIL	Hexavalent Chromium	7196A	08/19/24 12:10	08/22/24	08/23/24 12:24	08/19/24
			TOC	Lloyd Kahn			08/29/24 14:53	
P3671-10	S-928-K1-SO-0.5-1-0 81924	SOIL	Hexavalent Chromium	7196A	08/19/24 12:20	08/22/24	08/23/24 12:25	08/19/24
			TOC	Lloyd Kahn			08/29/24 15:30	
P3671-11	S-903-J-SO-0-0.5-08 1924	SOIL	Hexavalent Chromium	7196A	08/19/24 13:10	08/22/24	08/23/24 12:26	08/19/24
			TOC	Lloyd Kahn			08/29/24 15:51	

LAB CHRONICLE

P3671-12	S-903-J-SO-0.5-1.0-0 81924	SOIL			08/19/24 13:20			08/19/24
			Hexavalent Chromium	7196A		08/22/24	08/23/24 12:27	
			TOC	Lloyd Kahn			08/29/24 16:12	
P3671-13	S-912-J-SO-0-0.5-08 1924	SOIL			08/19/24 13:30			08/19/24
			Hexavalent Chromium	7196A		08/22/24	08/23/24 12:28	
			TOC	Lloyd Kahn			08/29/24 16:39	
P3671-14	S-912-J-SO-0.5-1-08 1924	SOIL			08/19/24 13:40			08/19/24
			Hexavalent Chromium	7196A		08/22/24	08/23/24 12:29	
			TOC	Lloyd Kahn			08/29/24 17:02	



SHIPPING DOCUMENTS

CHEMTECH CHAIN OF CUSTODY RECORD		284 Sheffield Street, Mountainside, NJ 07092 (908) 789-8900 Fax: (908) 78-8922 www.chemtech.net		Chemtech Project Number: P3671 / P3672																				
CLIENT INFORMATION		PROJECT INFORMATION		BILLING INFORMATION																				
COMPANY: JACOBS		PROJECT NAME: STC PTC		BILL TO: Mary Murphy PO#																				
ADDRESS: 10, 10th Street Suite 1400		PROJECT #: D379922 LOCATION: Princeton Junction		ADDRESS:																				
CITY Atlanta STATE: GA ZIP: 30309		PROJECT MANAGER: Mary Murphy		CITY: STATE: ZIP:																				
ATTENTION: Rachael McSpadden and Melissa Warren		E-MAIL: Mary.Murphy@Jacobs.com		ATTENTION: PHONE:																				
PHONE: FAX:		PHONE: FAX:																						
DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION		ANALYSIS																				
FAX: _____ Standard TAT _____ DAYS* HARD COPY: _____ DAYS* EDD _____ DAYS* * TO BE APPROVED BY CHEMTECH STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS		☐ RESULTS ONLY (L1) ☐ US EPA CLP (L4) ☐ RESULTS + QC (L2) ☐ NYS ASP "A" (L2) ☒ NJ REDUCED (L3) ☐ NYS ASP "B" (L4) ☐ NJ FULL (L4) ☐ Other _____ ☐ EDD Format		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>VOCs 8260D</td> <td>SVOCs (8270E), PAHs (8270E-SIM)</td> <td>Metals 6020B, Hg 7470B, Cr(VI) 3060A/7196A</td> <td>TOC Lloyd Kahn</td> <td>TOC Lloyd Kahn</td> <td>Particle Size Dist ASTM D422</td> <td>VOCs 5035/8260D</td> <td>Percent Moisture</td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> </tr> </table>		VOCs 8260D	SVOCs (8270E), PAHs (8270E-SIM)	Metals 6020B, Hg 7470B, Cr(VI) 3060A/7196A	TOC Lloyd Kahn	TOC Lloyd Kahn	Particle Size Dist ASTM D422	VOCs 5035/8260D	Percent Moisture			1	2	3	4	5	6	7	8	9
VOCs 8260D	SVOCs (8270E), PAHs (8270E-SIM)	Metals 6020B, Hg 7470B, Cr(VI) 3060A/7196A	TOC Lloyd Kahn	TOC Lloyd Kahn	Particle Size Dist ASTM D422	VOCs 5035/8260D	Percent Moisture																	
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																	
			COMP	GRAB	DATE	TIME		E	E	E	E	E	F,E	E										
								1	2	3	4	5	6	7	8	9	<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other							
1.	S-904-J-SO-0-0.5-081924	SO	X	X	8-19-24	0915	8		1	1		2	3	1				See attached Table for analyte list for each method						
2.	S-904-J-SO-0.5-10-081924	SO	X	X	8-19-24	0930	8		1	1		2	3	1										
3.	S-911-KI-SO-6-0.5-081924	SO	X	X	8-19-24	0945	8		1	1		2	3	1										
4.	S-911-KI-SO-8.5-1-081924	SO	X	X	8-19-24	1000	8		1	1		2	3	1										
5.	S-911-KI-SO-0-0.5-081924-FD	SO	X	X	8-19-24	1010	6		1	1			3	1										
6.	S-905-KI-SO-0-0.5-081924-	SO	X	X	8-19-24	1030	8		1	1		2	3	1										
7.	S-905-KI-SO-0-0.5-081924-FD	SO	X	X	8-19-24	1035	8		1	1			3	1										
8.	S-905-KI-SO-0.5-10-081924	SO	X	X	8-19-24	1045	8		1	1		2	3	1										
9.	S-928-KI-SO-0-6.5-081924	SO	X	X	8-19-24	1210	8		1	1		2	3	1										
10.	S-928-KI-SO-0.5-10-081924	SO	X	X	8-19-24	1220	8		1	1		2	3	1										
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																								
RELINQUISHED BY SAMPLER		DATE/TIME		RECEIVED BY		Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.0 C MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?: _____ Comments: All analytes to be run for requested analytes associated with Soil Eco work.																		
1.		8-19-24 1705		1.																				
RELINQUISHED BY		DATE/TIME		RECEIVED BY																				
2.		8-19-24 1820		2.																				
RELINQUISHED BY		DATE/TIME		RECEIVED FOR LAB BY																				
3.		8-19-24		3.																				
Page <u>1</u> of <u>2</u>						SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight CHEMTECH: ☐ Picked Up ☐ Overnight						Shipment Complete ☐ YES ☐ NO												
WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY																								

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CHEMTECH CHAIN OF CUSTODY RECORD		284 Sheffield Street, Mountainside, NJ 07092 (908) 789-8900 Fax: (908) 78-8922 www.chemtech.net		Chemtech Project Number: P3671 / P3672																							
CLIENT INFORMATION		PROJECT INFORMATION		BILLING INFORMATION																							
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ATTENTION: Rachael McSpadden and Melissa Warren		E-MAIL: Mary.Murphy@Jacobs.com		ATTENTION: PHONE:																							
PHONE: FAX:		PHONE: FAX:																									
DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION		ANALYSIS																							
FAX: _____ Standard TAT _____ DAYS* HARD COPY: _____ DAYS* EDD _____ DAYS* * TO BE APPROVED BY CHEMTECH STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS		☐ RESULTS ONLY (L1) ☐ US EPA CLP (L4) ☐ RESULTS + QC (L2) ☐ NYS ASP "A" (L2) ☐ NJ REDUCED (L3) ☐ NYS ASP "B" (L4) ☐ NJ FULL (L4) ☐ Other _____ ☐ EDD Format _____		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>VOCs 8260D</th> <th>SVOCs (8270E)</th> <th>PAHs (8270E-SM)</th> <th>Metals 6020B, Hg 7470B, Cr(VI) 3050A7/196A</th> <th>TOC Lloyd Kahn</th> <th>TOC Lloyd Kahn</th> <th>Particle Size Dist ASTM D422</th> <th>VOCs 5035/6260D</th> <th>Percent Moisture</th> <th></th> <th></th> </tr> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> <td></td> <td></td> </tr> </table>		VOCs 8260D	SVOCs (8270E)	PAHs (8270E-SM)	Metals 6020B, Hg 7470B, Cr(VI) 3050A7/196A	TOC Lloyd Kahn	TOC Lloyd Kahn	Particle Size Dist ASTM D422	VOCs 5035/6260D	Percent Moisture			1	2	3	4	5	6	7	8	9		
VOCs 8260D	SVOCs (8270E)	PAHs (8270E-SM)	Metals 6020B, Hg 7470B, Cr(VI) 3050A7/196A	TOC Lloyd Kahn	TOC Lloyd Kahn	Particle Size Dist ASTM D422	VOCs 5035/6260D	Percent Moisture																			
1	2	3	4	5	6	7	8	9																			
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				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>E</th> <th>E</th> <th>E</th> <th>E</th> <th>E</th> <th>F,E</th> <th>E</th> <th></th> <th></th> <th></th> </tr> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> <td></td> </tr> </table>		E	E	E	E	E	F,E	E				1	2	3	4	5	6	7	8	9			
E	E	E	E	E	F,E	E																					
1	2	3	4	5	6	7	8	9																			
				COMMENTS <-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other																							
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION	# of Bottles																						
			COMP GRAB	DATE TIME																							
1.	S-903-J-50-0-0.5-081924																										
2.	S-903-J-0.5-1.0-08																										
3.	S-903-J-50-0-0.5-081924	SO	X X	8-19-21/1310	8																						
4.	S-903-J-50-0.5-1.0-081924	SO	X X	8-19-21/1320	8																						
5.	S-912-J-50-0-0.5-081924	SO	X X	8-19-21/1330	8																						
6.	S-912-J-50-0.5-1-081924	SO	X X	8-19-21/1340	8																						
7.	TB-01-081924	DI	X	8-19-24 0940	1																						
8.																											
9.																											
10.																											
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																											
RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.0°C																								
1.	8-19-21 1705		MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?: _____																								
RELINQUISHED BY	DATE/TIME	RECEIVED BY	Comments:																								
2.			All analytes to be run for requested analytes associated with Soil Eco work.																								
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight																								
3.	8-19-21 1820		CHEMTECH: ☐ Picked Up ☐ Overnight																								
			Page 2 of 2 SHIPMENT COMPLETE ☐ YES ☐ NO																								
WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY																											

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Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (L-A-B)	L2219
Maine	2024021
Maryland	296
New Hampshire	255423
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P3671 JACO05

Order Date : 8/20/2024 10:36:00 AM

Project Mgr : Kiran

Client Name : JACOBS Engineering Grou

Project Name : Former Schlumberger Site I

Report Type : Level 4

Client Contact : Mary I. Murphy

Receive DateTime : 8/19/2024 6:20:00 PM

EDD Type : CH2MHILL

Invoice Name : JACOBS Engineering Grou

Purchase Order :

Hard Copy Date :

Invoice Contact : Mary I. Murphy

Date Signoff : 8/20/2024 1:52:05 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P3671-01	S-904-J-SO-0-0.5-081924	Solid	08/19/2024	09:15					
					VOCMS Group5		8260D	10 Bus. Days	
P3671-02	S-904-J-SO-0.5-1.0-081924	Solid	08/19/2024	09:30					
					VOCMS Group5		8260D	10 Bus. Days	
P3671-03	S-911-K1-SO-0-0.5-081924	Solid	08/19/2024	09:45					
					VOCMS Group5		8260D	10 Bus. Days	
P3671-04	S-911-K1-SO-0.5-1-081924	Solid	08/19/2024	10:00					
					VOCMS Group5		8260D	10 Bus. Days	
P3671-05	S-911-K1-SO-0-0.5-081924-FD	Solid	08/19/2024	10:10					
					VOCMS Group5		8260D	10 Bus. Days	
P3671-06	S-905-KJ-SO-0-0.5-081924	Solid	08/19/2024	10:30					
					VOCMS Group5		8260D	10 Bus. Days	
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	Solid	08/19/2024	10:35					
					VOCMS Group5		8260D	10 Bus. Days	
P3671-08	S-905-J-SO-0.5-1.0-081924	Solid	08/19/2024	10:45					

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P3671 JACO05

Order Date : 8/20/2024 10:36:00 AM

Project Mgr : Kiran

Client Name : JACOBS Engineering Grou

Project Name : Former Schlumberger Site I

Report Type : Level 4

Client Contact : Mary I. Murphy

Receive DateTime : 8/19/2024 6:20:00 PM

EDD Type : CH2MHILL

Invoice Name : JACOBS Engineering Grou

Purchase Order :

Hard Copy Date :

Invoice Contact : Mary I. Murphy

Date Signoff : 8/20/2024 1:52:05 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P3671-09	S-928-K1-SO-0-0.5-081924	Solid	08/19/2024	12:10	VOCMS Group5		8260D		10 Bus. Days
P3671-10	S-928-K1-SO-0.5-1-081924	Solid	08/19/2024	12:20	VOCMS Group5		8260D		10 Bus. Days
P3671-11	S-903-J-SO-0-0.5-081924	Solid	08/19/2024	13:10	VOCMS Group5		8260D		10 Bus. Days
P3671-12	S-903-J-SO-0.5-1.0-081924	Solid	08/19/2024	13:20	VOCMS Group5		8260D		10 Bus. Days
P3671-13	S-912-J-SO-0-0.5-081924	Solid	08/19/2024	13:30	VOCMS Group5		8260D		10 Bus. Days
P3671-14	S-912-J-SO-0.5-1-081924	Solid	08/19/2024	13:40	VOCMS Group5		8260D		10 Bus. Days
P3671-15	TB-01-081924	Water	08/19/2024	09:40	VOCMS Group5		8260D		10 Bus. Days
					VOCMS Group6		8260-Low		10 Bus. Days



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

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11.3

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P3671 JACO05

Order Date : 8/20/2024 10:36:00 AM

Project Mgr :

Client Name : JACOBS Engineering Grou

Project Name : Former Schlumberger Site I

Report Type : Level 4

Client Contact : Mary I. Murphy

Receive DateTime : 8/19/2024 6:20:00 PM

EDD Type : CH2MHILL

Invoice Name : JACOBS Engineering Grou

Purchase Order :

Hard Copy Date :

Invoice Contact : Mary I. Murphy

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
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Relinquished By :

Date / Time :

8/20/24 1330

Received By :

Date / Time :

8/20/24 13:30

Storage Area : VOA Refridgerator Room

Ref 6
P22
Ref #5