

ANALYTICAL RESULTS SUMMARY

VOLATILE ORGANICS SEMI-VOLATILE ORGANICS

PROJECT NAME : FORMER SCHLUMBERGER STC PTC SITE # D3868221

JACOBS ENGINEERING GROUP, INC.

412 Mt. Kemble Ave

Downtown Building

Morristown, NJ - 07960

Phone No: 9732670555

ORDER ID : Q1501 ATTENTION : John Ynfante



Laboratory Certification ID # 20012





1) Signature Page	3
2) Case Narrative	5
2.1) VOCMS Group3- Case Narrative	5
2.2) SVOC-SIMGroup1- Case Narrative	7
3) Qualifier Page	9
4) QA Checklist	10
5) VOCMS Group3 Data	11
6) SVOC-SIMGroup1 Data	20
7) Shipping Document	27
7.1) CHAIN OF CUSTODY	28
7.2) Lab Certificate	29
7.3) Internal COC	30

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

1

Labora	atory Name : Alliance Technical Group LLC	Client :	JACOBS Engine	ering	Group,	Inc.		
Projec	t Location : Princeton Junction	Project Number :	D3868221					
Labora	atory Sample ID(s) : <u>Q1501</u>	Sampling Date(s) :	3/04/2025,03/05/	2025				
List Dł	KQP Methods Used (e.g., 8260,8270, et Cetra)	8260D,8270-Modified,SOP						
1	For each analytical method referenced in this lab specified QA/QC performance criteria followed, i explain any criteria falling outside of acceptable of NJDEP Data of Known Quality performance stan	ncluding the requirement to guidelines, as specified in the		V	Yes		No	
1A	Were the method specified handling, preservatio	n, and holding time requirements	s met?	$\mathbf{\nabla}$	Yes		No	
1B	EPH Method: Was the EPH method conducted w (see Section 11.3 of respective DKQ methods)	vithout significant modifications			Yes		No	☑ N/A
2	Were all samples received by the laboratory in a described on the associated chain-of-custody do			$\mathbf{\nabla}$	Yes		No	
3	Were samples received at an appropriate tempe	erature (4±2° C)?		$\mathbf{\nabla}$	Yes		No	□ N/A
4	Were all QA/QC performance criteria specified in standards achieved?	n the NJDEP DKQP			Yes	V	No	
5	a)Were reporting limits specified or referenced or communicated to the laboratory prior to sample r	•		V	Yes		No	
	b)Were these reporting limits met?			\checkmark	Yes		No	□ N/A
6	For each analytical method referenced in this lab results reported for all constituents identified in t presented in the DKQP documents and/or site-s	he method-specific analyte lists		\mathbf{N}	Yes		No	
7	Are project-specific matrix spikes and/or laborate	bry duplicates included in this dat	a set?	N	Vee		Nia	

Yes

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."



Client Sample Number

Cover Page

- **Order ID :** Q1501
- **Project ID :** Former Schlumberger STC PTC Site # D3868221
 - **Client :** JACOBS Engineering Group, Inc.

Lab Sample Number

Q1501-01MW-16B-87.5-030425Q1501-02MW-16B-87.5-030425-FDQ1501-03EB01-030525Q1501-04BR-05-465-030525Q1501-05BR-05-465-030525MSQ1501-06BR-05-465-030525MSDQ1501-07TB01-030525

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

Signature :

Date: 3/11/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



CASE NARRATIVE

JACOBS Engineering Group, Inc. Project Name: Former Schlumberger STC PTC Site # D3868221 Project # N/A Chemtech Project # Q1501 Test Name: VOCMS Group3

A. Number of Samples and Date of Receipt:

7 Water samples were received on 03/05/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1 and VOCMS Group3. This data package contains results for VOCMS Group3.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis of VOCMS Group3 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 BR-05-465-030525 [Dibromofluoromethane - 62%] BR-05-465-030525RE [Dibromofluoromethane - 64%], BR-05-465-030525MS [Dibromofluoromethane - 0%] and BR-05-465-030525MSD [Dibromofluoromethane - 0%] these compounds did not meet the NJDKQP criteria and in-house criteria, sample was reanalyzed to confirm the failure and reported, MS and MSD surrogate failure confirm with parent sample.

The Internal Standards Areas met the acceptable requirements. The Retention Times were acceptable for all samples.

The MS {Q1501-05MS} with File ID: VX045163.D recoveries met the requirements for all compounds except for 1,1,2-Trichloroethane[47%], 1,1-Dichloroethene[140%],these compounds did not meet the NJDKQP criteria but met the in-house criteria, while Tetrachloroethene[178%] and Trichloroethene[190%] these compounds did not meet the NJDKQP criteria and in-house criteria due to matrix interference..

The MSD {Q1501-06MSD} with File ID: VX045164.D recoveries met the acceptable requirements except for 1,1,2-Trichloroethane[31%], 1,1-Dichloroethene[146%],these compounds did not meet the NJDKQP criteria but met the in-house criteria, while



Tetrachloroethene[171%] and Trichloroethene[183%] these compounds did not meet the NJDKQP criteria and in-house criteria due to matrix interference..

The RPD for {Q1501-06MSD} with File ID: VX045164.D met criteria except for 1,1,2-Trichloroethane[41%] this compound did not meet the NJDKQP criteria and in-house criteria due to difference in results of MS and MSD.

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:

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

F. Manual Integration Comments:

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

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

Signature	
Signature	



CASE NARRATIVE

JACOBS Engineering Group, Inc. Project Name: Former Schlumberger STC PTC Site # D3868221 Project # N/A Chemtech Project # Q1501 Test Name: SVOC-SIMGroup1

A. Number of Samples and Date of Receipt:

7 Water samples were received on 03/05/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1 and VOCMS Group3. This data package contains results for SVOC-SIMGroup1.

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 SVOC-SIMGroup1 was based on method 8270-Modified and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except MW-16B-87.5-030425-FD [Terphenyl-d14 - 132%], BR-05-465-030525 [Terphenyl-d14 - 135%], BR-05-465-030525MS [2-Fluorobiphenyl - 146%, Terphenyl-d14 - 148%], BR-05-465-030525MSD [2-Fluorobiphenyl - 138%, and Terphenyl-d14 - 139%], these compounds did not meet the NJDKQP criteria but met the in-house criteria, while for PB167006BS [2-Fluorobiphenyl - 157%], this compound did not meet the NJDKQP criteria and inhouse criteria but the failure surrogates not associated with the client parameters list, therefore 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 .



2 2.2

The Continuous Calibration File ID BN036534.D met the requirements except for 2,4,6-Tribromophenol, The failure compound not associated with the client parameters list, therefore no corrective action was taken.

The Tuning criteria met requirements.

E. Additional Comments:

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.

Signature_____



DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
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 is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
В	Indicates the analyte was found in the blank as well as the sample report as "12 B".
Ε	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.
Р	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".
Ν	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.
Α	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 #: Q1501

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)	<u> </u>
Check chain-of-custody for proper relinquish/return of samples	
Is the chain of custody signed and complete	<u> </u>
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	<u> </u>
Collect information for each project id from server. Were all requirements followed	<u> </u>
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	<u>✓</u>
Do lab numbers and client Ids on cover page agree with the Chain of Custody	<u>✓</u>
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	<u> </u>
Do requested analyses on Chain of Custody agree with the log-in page	<u> </u>
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	
Were the samples received within hold time	<u> </u>
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	<u> </u>
ANALYTICAL:	
Was method requirement followed?	<u> </u>
Was client requirement followed?	<u> </u>
Does the case narrative summarize all QC failure?	
All runlogs and manual integration are reviewed for requirements	<u> </u>
All manual calculations and /or hand notations verified	<u> </u>

QA Review Signature: SOHIL JODHANI



5

B C D

	Hit Summary Sheet SW-846						
SDG No.:	Q1501						
Client:	JACOBS Engine	eering Group, Inc.					
Sample ID	Client ID	Matrix	Parameter	Concentration	C MDL	RDL Units	
Client ID:				0			

Total Voc :

Total Concentration:





5

A B C D



Client:	JACOBS Engineering Group, Inc.	Date Collected:	03/04/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	03/05/25
Client Sample ID:	MW-16B-87.5-030425	SDG No.:	Q1501
Lab Sample ID:	Q1501-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID: 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date		Date Analyzed	Prep Batch ID	
VX045159.D	1			03/06/25 11:36	VX030625	
CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	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
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.1		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		70 (77) - 130 (121)	98%	SPK: 50
INTERNAL STAN	DARDS					
363-72-4	Pentafluorobenzene	72800	5.543			
540-36-3	1,4-Difluorobenzene	143000	6.757			
3114-55-4	Chlorobenzene-d5	126000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	52700	12.024			

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

С



Client:	JACOBS Engineering Group, Inc.	Date Collected:	03/04/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	03/05/25
Client Sample ID:	MW-16B-87.5-030425-FD	SDG No.:	Q1501
Lab Sample ID:	Q1501-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID: 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date		Date Analyzed	Prep Batch ID	
VX045160.D	1			03/06/25 12:00	VX030625	
CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	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
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.0		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	52.2		70 (86) - 130 (113)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.2		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STAN	DARDS					
363-72-4	Pentafluorobenzene	76000	5.544			
540-36-3	1,4-Difluorobenzene	150000	6.757			
3114-55-4	Chlorobenzene-d5	138000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	59100	12.018			

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

B



Client:	JACOBS Engineering Group, Inc.	Date Collected:	03/05/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	03/05/25
Client Sample ID:	EB01-030525	SDG No.:	Q1501
Lab Sample ID:	Q1501-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID: 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date		Date Analyzed	Prep Batch ID	
VX045146.D	1			03/05/25 16:42	VX030525	
CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	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
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.2		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	52.1		70 (86) - 130 (113)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.3		70 (77) - 130 (121)	107%	SPK: 50
INTERNAL STAN	DARDS					
363-72-4	Pentafluorobenzene	76600	5.55			
540-36-3	1,4-Difluorobenzene	153000	6.757			
3114-55-4	Chlorobenzene-d5	142000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	61000	12.018			

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

B



Client:	JACOBS Engineering Group, Inc.	Date Collected:	03/05/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	03/05/25
Client Sample ID:	BR-05-465-030525	SDG No.:	Q1501
Lab Sample ID:	Q1501-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID: 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date		Date Analyzed	Prep Batch ID	
VX045162.D	1			03/06/25 12:46	VX030625	
CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	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
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.0		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	31.2	*	70 (75) - 130 (124)	62%	SPK: 50
2037-26-5	Toluene-d8	51.5		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.0		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STAN	DARDS					
363-72-4	Pentafluorobenzene	75300	5.549			
540-36-3	1,4-Difluorobenzene	148000	6.757			
3114-55-4	Chlorobenzene-d5	137000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	55400	12.018			

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

B



Client:	JACOBS Engineering Group, Inc.	Date Collected:	03/05/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	03/05/25
Client Sample ID:	BR-05-465-030525RE	SDG No.:	Q1501
Lab Sample ID:	Q1501-04RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID: 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date		Date Analyzed	Prep Batch ID	
VX045167.D	1			03/06/25 14:43	VX030625	
CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	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
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.6		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	32.1	*	70 (75) - 130 (124)	64%	SPK: 50
2037-26-5	Toluene-d8	50.8		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.9		70 (77) - 130 (121)	108%	SPK: 50
INTERNAL STAN	DARDS					
363-72-4	Pentafluorobenzene	76000	5.55			
540-36-3	1,4-Difluorobenzene	148000	6.757			
3114-55-4	Chlorobenzene-d5	138000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	58500	12.018			

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

С



Client:	JACOBS Engineering Group, Inc.	Date Collected:	03/05/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	03/05/25
Client Sample ID:	TB01-030525	SDG No.:	Q1501
Lab Sample ID:	Q1501-07	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID: 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date		Date Analyzed	Prep Batch ID	
VX045147.D	1			03/05/25 17:05	VX030525	
CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	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
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.5		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	51.8		70 (86) - 130 (113)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.9		70 (77) - 130 (121)	108%	SPK: 50
INTERNAL STAN						
363-72-4	Pentafluorobenzene	75700	5.55			
540-36-3	1,4-Difluorobenzene	150000	6.757			
3114-55-4	Chlorobenzene-d5	140000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	59500	12.018			

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

18 of 31

С



5

B C

D

LAB CHRONICLE

OrderID: Client: Contact:	Q1501 JACOBS Engineering Group, In John Ynfante	с.		OrderDate: Project: Location:	3/5/2025 3:36:0 Former Schlum I21,VOA Ref. #	berger STC P1	C Site # D3868	221
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1501-01	MW-16B-87.5-030425	Water	VOCMS Group3	8260-Low	03/04/25		03/06/25	03/05/25
Q1501-02	MW-16B-87.5-030425 -FD	Water			03/04/25			03/05/25
			VOCMS Group3	8260-Low			03/06/25	
Q1501-03	EB01-030525	Water	VOCMS Group3	8260-Low	03/05/25		03/05/25	03/05/25
Q1501-04	BR-05-465-030525	Water	VOCMS Group3	8260-Low	03/05/25		03/06/25	03/05/25
Q1501-04RI	E BR-05-465-030525RE	Water			03/05/25			03/05/25
01501.07	TR01 020525	Weber	VOCMS Group3	8260-Low	02/05/25		03/06/25	02/05/25
Q1501-07	TB01-030525	Water	VOCMS Group3	8260-Low	03/05/25		03/05/25	03/05/25



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

В
С

D

6

Hit Summary Sheet SW-846

SDG No.:	Q1501					
Client:	JACOBS Engineering Group, Inc.					
Sample ID	Client ID	Parameter	Concentration C	MDL	RDL	Units
Client ID :	MW-16B-87.5-030425					
Q1501-01	MW-16B-87.5-030425 WATER	1,4-Dioxane	0.440	0.07	0.21	ug/L
		Total Svoc :	0.4	44		
		Total Concentration:	0.	.44		
Client ID :	MW-16B-87.5-030425-FD					
Q1501-02	MW-16B-87.5-030425-Fl WATER	1,4-Dioxane	0.170 J	0.07	0.2	ug/L
		Total Svoc :	0.	17		
		Total Concentration:	0.	.17		
Client ID :	BR-05-465-030525					
Q1501-04	BR-05-465-030525 WATER	1,4-Dioxane	0.330	0.07	0.21	ug/L
		Total Svoc :	0.1	33		
		Total Concentration:	0.	.33		





6

A B C D



15067-26-2

1517-22-2

1719-03-5

1520-96-3

Report of Analysis

Client:	JACOBS Enginee	ring Gro	up, Inc.			Date Collected:	03/04/25	
Project:	Former Schlumbe	rger STC	PTC Site #	D3868221		Date Received:	03/05/25	
Client Sample II	Client Sample ID: MW-16B-87.5-030425					SDG No.:	Q1501	
Lab Sample ID:	Q1501-01					Matrix:	Water	
Analytical Metho						% Solid:	0	
-								_
Sample Wt/Vol:	970 Units:	mL				Final Vol:	1000	uL
Soil Aliquot Vol:		uL				Test:	SVOC-S	IMGroup1
Extraction Type	:		Decan	ited :	N	Level :	LOW	
Injection Volume	2:	G	PC Factor :	1.0		GPC Cleanup :	N	PH :
Prep Method :						1		
Trep Wethod .								
File ID/Qc Batch:	Dilution:		Prep Date		Date A	nalyzed	Prep Batch I	D
BN036541.D	1		03/06/25 08	8:26	03/06/	25 19:00	PB167006	
CAS Number	Parameter		Conc.	Qualifie	r MDL		LOQ / CRQL	Units
TARGETS 123-91-1	1,4-Dioxane		0.44		0.070		0.21	ug/L
	-,							
SURROGATES 7297-45-2	2-Methylnaphthalene-d10		0.35		30 (20) - 1	50 (139)	87%	SPK: 0.4
93951-69-0	Fluoranthene-d10		0.44		30 (30) - 1		110%	SPK: 0.4
4165-60-0	Nitrobenzene-d5		0.36		30 (27) - 1		90%	SPK: 0.4
321-60-8	2-Fluorobiphenyl		0.52		30 (25) - 1	30 (149)	130%	SPK: 0.4
1718-51-0	Terphenyl-d14		0.52		30 (54) - 1	30 (175)	130%	SPK: 0.4
INTERNAL STAN	DARDS							
3855-82-1	1,4-Dichlorobenzene-d4		1890	7.731				
1146-65-2	Naphthalene-d8		4690	10.509	9			

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

Acenaphthene-d10

Phenanthrene-d10

Chrysene-d12

Perylene-d12

Q1501

- 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

3090

6570

6010

5450

14.366

17.111

21.295

23.554



		Repor	t of Anal	ysis		
Client:	JACOBS Engined	ering Group, Inc.		Date Collected:	03/04/25	
Project:	Former Schlumbe	erger STC PTC Site #	D3868221	Date Received:	03/05/25	
Client Sample I	ID: MW-16B-87.5-03	80425-FD		SDG No.:	Q1501	
Lab Sample ID:	: Q1501-02			Matrix:	Water	
Analytical Meth	hod: SW8270ESIM			% Solid:	0	
Sample Wt/Vol:	: 990 Units:	mL		Final Vol:	1000	uL
Soil Aliquot Vol		uL		Test:	SVOC-SI	MGroup1
Extraction Type		Decar	nted : N	Level :	LOW	*
Injection Volum		GPC Factor :	1.0	GPC Cleanup :	N	PH :
Prep Method :			1.0	or e creanup .		
File ID/Qc Batch:	: Dilution:	Prep Date		Date Analyzed	Prep Batch II	D
BN036539.D	1	03/06/25 0	8:26	03/06/25 17:48	PB167006	
BN036539.D CAS Number	1 Parameter	03/06/25 0 Conc.	8:26 Qualifier	03/06/25 17:48 MDL	PB167006	Units
CAS Number						Units
CAS Number						Units ug/L
CAS Number TARGETS 123-91-1	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	
CAS Number TARGETS 123-91-1 SURROGATES	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	
CAS Number TARGETS 123-91-1 SURROGATES 7297-45-2	Parameter 1,4-Dioxane	Conc. 0.17	Qualifier	MDL 0.070	LOQ / CRQL 0.20	ug/L
CAS Number TARGETS 123-91-1 SURROGATES 7297-45-2 93951-69-0	Parameter 1,4-Dioxane 2-Methylnaphthalene-d10	Conc. 0.17 0.32	Qualifier	MDL 0.070 30 (20) - 150 (139)	LOQ / CRQL 0.20 80%	ug/L SPK: 0.4
CAS Number TARGETS 123-91-1	Parameter 1,4-Dioxane 2-Methylnaphthalene-d10 Fluoranthene-d10	Conc. 0.17 0.32 0.44	Qualifier	MDL 0.070 30 (20) - 150 (139) 30 (30) - 150 (150)	LOQ / CRQL 0.20 80% 110%	ug/L SPK: 0.4 SPK: 0.4
CAS Number TARGETS 123-91-1 SURROGATES 7297-45-2 93951-69-0 4165-60-0	Parameter 1,4-Dioxane 2-Methylnaphthalene-d10 Fluoranthene-d10 Nitrobenzene-d5	Conc. 0.17 0.32 0.44 0.34	Qualifier	MDL 0.070 30 (20) - 150 (139) 30 (30) - 150 (150) 30 (27) - 130 (154)	LOQ / CRQL 0.20 80% 110% 86%	ug/L SPK: 0.4 SPK: 0.4 SPK: 0.4
CAS Number TARGETS 123-91-1 SURROGATES 7297-45-2 93951-69-0 4165-60-0 321-60-8 1718-51-0	Parameter 1,4-Dioxane 2-Methylnaphthalene-d10 Fluoranthene-d10 Nitrobenzene-d5 2-Fluorobiphenyl Terphenyl-d14	Conc. 0.17 0.32 0.44 0.34 0.47	Qualifier J	MDL 0.070 30 (20) - 150 (139) 30 (30) - 150 (150) 30 (27) - 130 (154) 30 (25) - 130 (149)	LOQ / CRQL 0.20 80% 110% 86% 118%	ug/L SPK: 0.4 SPK: 0.4 SPK: 0.4 SPK: 0.4
CAS Number TARGETS 123-91-1 SURROGATES 7297-45-2 93951-69-0 4165-60-0 321-60-8 1718-51-0 INTERNAL STAN	Parameter 1,4-Dioxane 2-Methylnaphthalene-d10 Fluoranthene-d10 Nitrobenzene-d5 2-Fluorobiphenyl Terphenyl-d14	Conc. 0.17 0.32 0.44 0.34 0.47	Qualifier J	MDL 0.070 30 (20) - 150 (139) 30 (30) - 150 (150) 30 (27) - 130 (154) 30 (25) - 130 (149)	LOQ / CRQL 0.20 80% 110% 86% 118%	ug/L SPK: 0.4 SPK: 0.4 SPK: 0.4 SPK: 0.4
CAS Number TARGETS 123-91-1 SURROGATES 7297-45-2 93951-69-0 4165-60-0 321-60-8 1718-51-0 INTERNAL STAN 3855-82-1	Parameter 1,4-Dioxane 2-Methylnaphthalene-d10 Fluoranthene-d10 Nitrobenzene-d5 2-Fluorobiphenyl Terphenyl-d14	Conc. 0.17 0.32 0.44 0.34 0.47 0.53	Qualifier J	MDL 0.070 30 (20) - 150 (139) 30 (30) - 150 (150) 30 (27) - 130 (154) 30 (25) - 130 (149)	LOQ / CRQL 0.20 80% 110% 86% 118%	ug/L SPK: 0.4 SPK: 0.4 SPK: 0.4 SPK: 0.4
CAS Number TARGETS 123-91-1 SURROGATES 7297-45-2 93951-69-0 4165-60-0 321-60-8 1718-51-0	Parameter 1,4-Dioxane 2-Methylnaphthalene-d10 Fluoranthene-d10 Nitrobenzene-d5 2-Fluorobiphenyl Terphenyl-d14 NDARDS 1,4-Dichlorobenzene-d4	Conc. 0.17 0.32 0.44 0.34 0.47 0.53 2100	Qualifier J * 7.732	MDL 0.070 30 (20) - 150 (139) 30 (30) - 150 (150) 30 (27) - 130 (154) 30 (25) - 130 (149)	LOQ / CRQL 0.20 80% 110% 86% 118%	ug/L SPK: 0.4 SPK: 0.4 SPK: 0.4 SPK: 0.4
CAS Number TARGETS 123-91-1 SURROGATES 7297-45-2 93951-69-0 4165-60-0 321-60-8 1718-51-0 INTERNAL STAN 3855-82-1 1146-65-2	Parameter 1,4-Dioxane 2-Methylnaphthalene-d10 Fluoranthene-d10 Nitrobenzene-d5 2-Fluorobiphenyl Terphenyl-d14 NDARDS 1,4-Dichlorobenzene-d4 Naphthalene-d8	Conc. 0.17 0.32 0.44 0.34 0.47 0.53 2100 5290	Qualifier J * 7.732 10.509	MDL 0.070 30 (20) - 150 (139) 30 (30) - 150 (150) 30 (27) - 130 (154) 30 (25) - 130 (149)	LOQ / CRQL 0.20 80% 110% 86% 118%	ug/L SPK: 0.4 SPK: 0.4 SPK: 0.4 SPK: 0.4
CAS Number TARGETS 123-91-1 SURROGATES 7297-45-2 93951-69-0 4165-60-0 321-60-8 1718-51-0 INTERNAL STAN 3855-82-1 1146-65-2 15067-26-2	Parameter 1,4-Dioxane 2-Methylnaphthalene-d10 Fluoranthene-d10 Nitrobenzene-d5 2-Fluorobiphenyl Terphenyl-d14 NDARDS 1,4-Dichlorobenzene-d4 Naphthalene-d8 Acenaphthene-d10	Conc. 0.17 0.32 0.44 0.34 0.47 0.53 2100 5290 3400	Qualifier J * 7.732 10.509 14.366	MDL 0.070 30 (20) - 150 (139) 30 (30) - 150 (150) 30 (27) - 130 (154) 30 (25) - 130 (149)	LOQ / CRQL 0.20 80% 110% 86% 118%	ug/L SPK: 0.4 SPK: 0.4 SPK: 0.4 SPK: 0.4

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

Q1501

- 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



Client:

Project:

Client Sample ID:

Analytical Method:

Lab Sample ID:

Sample Wt/Vol:

Soil Aliquot Vol: Extraction Type : Injection Volume : Prep Method :

File ID/Qc Batch:

BN036540.D

CAS Number

TARGETS 123-91-1

SURROGATES 7297-45-2

93951-69-0

4165-60-0

			Repo	rt of Anal	ysis		
	JACOB	S Engineeri	ng Group, Inc.		Date Co	llected: 03/05/2	25
	Former	Schlumberg	er STC PTC Site #	# D3868221	Date Ree	ceived: 03/05/2	25
D:	EB01-02	30525			SDG No	o.: Q1501	
	Q1501-0	03			Matrix:	Water	
od:	SW8270	DESIM			% Solid:	. 0	
	950	Units:	mL		Final Vo	1: 1000	uL
:			uL		Test:	SVOC-	-SIMGroup1
:			Deca	anted : N	Level :	LOW	
e :			GPC Factor :	1.0	GPC Cle	eanup : N	PH :
	Dilution:		Prep Date	;	Date Analyzed	Prep Batch	n ID
	1		03/06/25	08:26	03/06/25 18:25	PB167006	
Paran	neter		Conc.	Qualifier	MDL	LOQ / CRQI	_ Units
1,4-D	ioxane		0.070	U	0.070	0.21	ug/L
2-Met	thylnaphthale	ene-d10	0.33		30 (20) - 150 (139)	83%	SPK: 0.4
	anthene-d10		0.43		30 (30) - 150 (150)	108%	SPK: 0.4
Nitrol	benzene-d5		0.32		30 (27) - 130 (154)	79%	SPK: 0.4
2-Flue	orobiphenyl		0.43		30 (25) - 130 (149)	107%	SPK: 0.4

321-60-8	2-Fluorobiphenyl	0.43	30 (25) - 130 (149)	107%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.51	30 (54) - 130 (175)	127%	SPK: 0.4
INTERNAL STA	ANDARDS				
3855-82-1	1,4-Dichlorobenzene-d4	1900	7.731		
1146-65-2	Naphthalene-d8	4350	10.519		
15067-26-2	Acenaphthene-d10	3040	14.366		
1517-22-2	Phenanthrene-d10	5820	17.111		
1719-03-5	Chrysene-d12	4930	21.303		
1520-96-3	Perylene-d12	4430	23.557		
15067-26-2 1517-22-2 1719-03-5	Acenaphthene-d10 Phenanthrene-d10 Chrysene-d12	3040 5820 4930	14.366 17.111 21.303		

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

Q1501

- 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



Client: Project:

Client Sample ID: Lab Sample ID: Analytical Method: Sample Wt/Vol: Soil Aliquot Vol: Extraction Type : Injection Volume : Prep Method :

File ID/Qc Batch: BN036536.D

CAS Number

TARGETS 123-91-1

SURROGATES 7297-45-2

93951-69-0

4165-60-0

321-60-8

1718-51-0

3855-82-1

1146-65-2

1517-22-2

1719-03-5

1520-96-3

15067-26-2

INTERNAL STANDARDS

1,4-Dichlorobenzene-d4

Naphthalene-d8

Acenaphthene-d10

Phenanthrene-d10

Chrysene-d12

Perylene-d12

Report of Analysis

			Report	t of Analy	VSIS			
	JACOBS En	igineering (Group, Inc.			Date Collected:	03/05/25	
	Former Schlu	umberger S	STC PTC Site # I	D3868221		Date Received:	03/05/25	
D:	BR-05-465-0	030525				SDG No.:	Q1501	
	Q1501-04					Matrix:	Water	
od:	SW8270ESI	М				% Solid:	0	
	960 U	Units: m	L			Final Vol:	1000	uL
:		uI	L			Test:	SVOC-S	IMGroup1
:			Decan	ted : N		Level :	LOW	
e :			GPC Factor :	1.0		GPC Cleanup :	Ν	PH :
	Dilution:		Prep Date		Date A	nalyzed	Prep Batch I	D
	1		03/06/25 08	3:26		25 15:24	PB167006	
Paran	neter		Conc.	Qualifier	MDL		LOQ / CRQL	Units
1,4-D	ioxane		0.33		0.070		0.21	ug/L
2-Met	hylnaphthalene-	d10	0.30		30 (20) - 1	50 (139)	75%	SPK: 0.4
	anthene-d10		0.42		30 (30) - 1		105%	SPK: 0.4
	penzene-d5		0.32		30 (27) - 1		81%	SPK: 0.4
	orobiphenyl		0.51	*	30 (25) - 1		128%	SPK: 0.4
Terph	enyl-d14		0.54	*	30 (54) - 1	30 (175)	135%	SPK: 0.4

U	= Not Detected	
U	- NOI DEICEICU	

- 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

Q1501

- 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

2360

5900

3730

7440

6930

6220

7.724

10.519

14.366

17.111

21.295

23.554



A B C

D

6

LAB CHRONICLE

OrderID: Client: Contact:	Q1501 JACOBS Engineering Group, In John Ynfante	IC.		OrderDate: Project: Location:	3/5/2025 3:36:00 PM Former Schlumberger STC PTC Site # D3868221 I21,VOA Ref. #3 Water					
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received		
Q1501-01	MW-16B-87.5-030425	Water	SVOC-SIMGroup1	8270-Modified	03/04/25	03/06/25	03/06/25	03/05/25		
Q1501-02	MW-16B-87.5-030425 -FD	Water			03/04/25			03/05/25		
			SVOC-SIMGroup1	8270-Modified		03/06/25	03/06/25			
Q1501-03	EB01-030525	Water			03/05/25			03/05/25		
			SVOC-SIMGroup1	8270-Modified		03/06/25	03/06/25			
Q1501-04	BR-05-465-030525	Water			03/05/25			03/05/25		
			SVOC-SIMGroup1	8270-Modified		03/06/25	03/06/25			



<u>SHIPPING</u> DOCUMENTS

7

Alliance TECHNICAL GROUP					(908) 789-8900 · Fax (908) 789-8922								Q	ALLIANCE PROJECT NO. QUOTE NO. COC Number 2045854				— 7 7.1		
	CLIENT INFORMATION					CLIENT P	ROJECT IN	FORM	ATION						CLIEN	IT BILLI	NG INF	ORMATION		
COMPANY:	Jaubs REPOR	RT TO BE SENT TO:		PROJE		NE: STC	PTC					BILL T	0: N	lary	Mur	phy		PO#:		
ADDRESS:	412 Mt 1Com	de Ave Suite #100		PROJEC	CT NO.:	386822	LOCA	TION:	Prinat	on Ju	indian			1	1					
	istawn	1 /	ZIP: 07460			GER: MO	1					CITY					STA	TE:	;ZIP:	
ATTENTION:	John Ynte	ute (John, Yul	anter Jacobs com	e-mail:	Mary	. Murphi	y @ Jac	ls.c	om			ATTEN	TION:					ONE:		
PHONE: (28	the second s	FAX:		PHONE:	PHONE: (201) 136-0586 FAX:															
FAX (RUSH) HARDCOPY (D. EDD: *TO BE APPRO	Rush ATA PACKAGE) IVED BY CHEM	tat (48 hr)	DAYS* DAYS* DAYS*	🛛 Level	1 (Resulta 2 (Resulta 3 (Resulta w Data)	s Only) 🔲 s + QC) 🛄 s + QC 🔲	Level 4 (QC NJ Reduced	+ Full I I C U: C NY	ATION Raw Data S EPA CL S ASP B		A DIANA	8110E-9	5	6	//	8	9			
ALLIANCE		PROJECT		SAMPLE	SAMPL TYPE		MPLE ECTION	OF BOTTLES	A/E	E		PRES	ERVA	TIVES				and the second diversion of th	CITY Preservatives	
SAMPLE ID	SAMPLE IDENTIFICATION		TION	MATRIX	COMP	DATE	TIME	# OF BC	1	2	3	4	5	6	7	8	9	B-HN03 C-H2SO4	E-ICE F-OTHER	
1.	MW-168-1	87.5-030425		GW	×	3/4/25	1625	3	2	1										1
2.	MW-168-	87.5-030475-1	D	GW	×	3/4/25	1630	3	2	1										1
3.	EBOI-0	30575		DI	X	3/5/25	0800	3	2	1										
4.	BK-05-	415-030525		GW	X	3/5/25	1130	٩	6	3								Ms/n	15D	
5.	TB01-03	0525		DI	X	3/5/25	1530	2	2											1
6.																				1
7.																				1
8.																				11
9.																				1
10.																				
		SAMPLE CUSTOR	Y MUST BE DOCU	JMENTED	BELOV	EACH TI	ME SAMP	LES C	HANGE	POSS	ESSIO	N INCLU	JDING	COUR	IER DE	LIVER	Y			
RELINQUISHED B	Y SAMPLER:	DATE/TIME: 1535	RECEIVED BY)		Conditio	ons of bottles nts:	or cooler: Wov	s at receip	er for	OMPLIANT	of sit	COMPLIAN	n o c	OOLER TE	EMP	2	5-0	<u>∕</u> •c	1
RELINQUISHED B	Y SAMPLER:	DATE/TIME:	RECEIVED BY:				_				-		1							
2.	_	<u> </u>	2.																	
RELINQUISHED B	Y SAMPLER:	DATEXUME:	RECEIVED BY: 3.			Page	of	1	CLIENT	: 0	Hand D	elivered	0	iher					ent Complete S	
opyright © 2024 Q1501			WHITE - ALLIANC	E COPY FOR	R RETURN		28 of 3	V ALLIA	NCE COF	Pγ	PINK - S	SAMPLER	COPY							4



Laboratory Certification

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



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

LOGIN REPORT/SAMPLE TRANSFER

7.3

Clie Client Invoi	Order ID:Q1501JAC005ent Name:JACOBS Engineering GrouContact:John Ynfanteice Name:JACOBS Engineering GrouContact:John Ynfante		Pro Receive	ject Name :	3/5/2025 3:36:00 PM Former Schlumberger STC 3/5/2025 3:35:00 PM	R Hard	roject Mgr : eport Type : EDD Type : Copy Date : ate Signoff :			
LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
Q1501-01	MW-16B-87.5-030425	Water	03/04/2025	16:25						
					VOCMS Group3		8260-Low	2 Bus. Days		
Q1501-02	MW-16B-87.5-030425-FD	Water	03/04/2025	16:30						
					VOCMS Group3		8260-Low	2 Bus. Days		
Q1501-03	EB-01-030525 EB01-030525	Water	03/05/2025	08:00						
Q1501-04		16/-1	00/05/0005	44.00	VOCMS Group3		8260-L.ow	2 Bus. Days		
Q1501-04	BR-05-465-030525	vvater	03/05/2025	11:30	VOCMS Group3		0000 1			
Q1501-05	Q1501-04MS	Water	03/05/2025	11:30	VOCIMS Groups		8260-Low	2 Bus. Days		
		rator		11.00	VOCMS Group3		8260-Low	2 Bus. Days		
Q1501-06	Q1501-04MSD	Water	03/05/2025	11:30	а Т					
					VOCMS Group3		8260-Low	2 Bus. Days		
Q1501-07	TB01-030525	Water	03/05/2025	13:30						
					VOCMS Group3		8260-Low	2 Bus. Days		

Page 1 of 2

30 of 31

Q1501



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

LOGIN REPORT/SAMPLE TRANSFER

						 _
Invo	sice Contact : John Ynfante				Date Signoff :	
Invoice Name : JACOBS Engineering Grou		ng Grou	Purchase Order :			
Cli	ent Contact : John Ynfante	R	eceive DateTime :	3/5/2025 3:35:00 PM	EDD Type : CH2MHILL	
C	Client Name : JACOBS Engineerin	ng Grou	Project Name :	Former Schlumberger STC	Report Type: Level 4	
	Order ID: Q1501 JAC	CO05	Order Date :	3/5/2025 3:36:00 PM	Project Mgr :	

Relinguished By : Date / Time: 3.5-25 16:00

- 16:00 Rofy **Received By :** Date / Time :

Storage Area : VOA Refridgerator Room