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

Hit Summary Sheet
SW-846

SDG No.: P3467

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**919-J-WS-080224**							
P3467-01	919-J-WS-080224	Water	Acetone	13.7		1.40	5.00	ug/L
			Total Voc :	13.7				
			Total Concentration:	13.7				

SAMPLE DATA

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/02/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/02/24
Client Sample ID:	919-J-WS-080224	SDG No.:	P3467
Lab Sample ID:	P3467-01	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
VN083281.D	1		08/14/24 06:28	VN081324

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	13.7		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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/02/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/02/24
Client Sample ID:	919-J-WS-080224	SDG No.:	P3467
Lab Sample ID:	P3467-01	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
VN083281.D	1		08/14/24 06:28	VN081324

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	57.2		70 (74) - 130 (125)	114%	SPK: 50
1868-53-7	Dibromofluoromethane	53.1		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	54.1		70 (86) - 130 (113)	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.1		70 (77) - 130 (121)	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	134000	8.224			
540-36-3	1,4-Difluorobenzene	262000	9.1			
3114-55-4	Chlorobenzene-d5	268000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	117000	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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/02/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/02/24
Client Sample ID:	TB-03-080224	SDG No.:	P3467
Lab Sample ID:	P3467-02	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
VN083282.D	1		08/14/24 06:52	VN081324

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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/02/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/02/24
Client Sample ID:	TB-03-080224	SDG No.:	P3467
Lab Sample ID:	P3467-02	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
VN083282.D	1		08/14/24 06:52	VN081324

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	57.6		70 (74) - 130 (125)	115%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	53.2		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.5		70 (77) - 130 (121)	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	126000	8.224			
540-36-3	1,4-Difluorobenzene	250000	9.1			
3114-55-4	Chlorobenzene-d5	249000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	103000	13.788			

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

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LAB CHRONICLE

OrderID:	P3467	**OrderDate:**	8/2/2024 4:30:00 PM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	**Location:**	D21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3467-01	**919-J-WS-080224**	**Water**			**08/02/24**			**08/02/24**
			VOCMS Group6	8260-Low			08/14/24	
P3467-02	**TB-03-080224**	**Water**			**08/02/24**			**08/02/24**
			VOCMS Group6	8260-Low			08/14/24	

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A
B
C
D

Hit Summary Sheet
SW-846

SDG No.: P3467

Client: JACOBS Engineering Group, Inc.

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

SAMPLE DATA

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/02/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/02/24
Client Sample ID:	919-J-WS-080224	SDG No.:	P3467
Lab Sample ID:	P3467-01	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	950 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033278.D	1	08/05/24 11:14	08/06/24 17:59	PB162490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.030	U	0.030	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.030	U	0.030	0.11	ug/L
208-96-8	Acenaphthylene	0.020	U	0.020	0.11	ug/L
83-32-9	Acenaphthene	0.020	U	0.020	0.11	ug/L
86-73-7	Fluorene	0.020	U	0.020	0.11	ug/L
85-01-8	Phenanthrene	0.020	U	0.020	0.11	ug/L
120-12-7	Anthracene	0.030	U	0.030	0.11	ug/L
206-44-0	Fluoranthene	0.020	U	0.020	0.11	ug/L
129-00-0	Pyrene	0.020	U	0.020	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.020	U	0.020	0.11	ug/L
218-01-9	Chrysene	0.030	U	0.030	0.11	ug/L
205-99-2	Benzo(b)fluoranthene	0.030	U	0.030	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.040	U	0.040	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.060	U	0.060	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.040	U	0.040	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.040	U	0.040	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.11	ug/L
123-91-1	1,4-Dioxane	0.070	U	0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.36		30 (30) - 150 (150)	90%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.46		30 (30) - 150 (150)	115%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.34		30 (11) - 130 (175)	85%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.36		30 (10) - 130 (175)	91%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.55	*	30 (54) - 130 (171)	138%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	968	7.553			
1146-65-2	Naphthalene-d8	3820	10.287			
15067-26-2	Acenaphthene-d10	2490	14.111			
1517-22-2	Phenanthrene-d10	6420	16.89			

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/02/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/02/24
Client Sample ID:	919-J-WS-080224	SDG No.:	P3467
Lab Sample ID:	P3467-01	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	950 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033278.D	1	08/05/24 11:14	08/06/24 17:59	PB162490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	7470	21.104			
1520-96-3	Perylene-d12	8400	23.271			

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

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

LAB CHRONICLE

OrderID:	P3467	**OrderDate:**	8/2/2024 4:30:00 PM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	**Location:**	D21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3467-01	**919-J-WS-080224**	**Water**			**08/02/24**			**08/02/24**
			SVOCMS Group3	8270-Modified		08/05/24	08/06/24	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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A
B
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D

Hit Summary Sheet
SW-846

SDG No.: P3467

Client: JACOBS Engineering Group, Inc.

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

SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/02/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/02/24
Client Sample ID:	919-J-WS-080224	SDG No.:	P3467
Lab Sample ID:	P3467-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group6
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138922.D	1	08/05/24 08:25	08/10/24 21:25	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.60	U	1.60	5.30	ug/L
100-52-7	Benzaldehyde	4.20	U	4.20	10.5	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.30	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.5	ug/L
67-72-1	Hexachloroethane	1.10	U	1.10	5.30	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.30	ug/L
91-20-3	Naphthalene	1.10	U	1.10	5.30	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.30	ug/L
91-57-6	2-Methylnaphthalene	1.20	U	1.20	5.30	ug/L
88-06-2	2,4,6-Trichlorophenol	0.94	U	0.94	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	1.10	U	1.10	5.30	ug/L
208-96-8	Acenaphthylene	1.10	U	1.10	5.30	ug/L
83-32-9	Acenaphthene	0.85	U	0.85	5.30	ug/L
132-64-9	Dibenzofuran	0.98	U	0.98	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	1.60	U	1.60	5.30	ug/L
86-73-7	Fluorene	1.00	U	1.00	5.30	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.30	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.5	ug/L
85-01-8	Phenanthrene	0.94	U	0.94	5.30	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.30	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.30	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.30	ug/L
206-44-0	Fluoranthene	1.40	U	1.40	5.30	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.30	ug/L
56-55-3	Benzo(a)anthracene	0.99	U	0.99	5.30	ug/L
218-01-9	Chrysene	0.91	U	0.91	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.00	U	2.00	5.30	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.30	ug/L
207-08-9	Benzo(k)fluoranthene	1.30	U	1.30	5.30	ug/L

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/02/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/02/24
Client Sample ID:	919-J-WS-080224	SDG No.:	P3467
Lab Sample ID:	P3467-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group6
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138922.D	1	08/05/24 08:25	08/10/24 21:25	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
50-32-8	Benzo(a)pyrene	1.80	U	1.80	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.10	U	1.10	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.30	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.30	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	74.5		15 (10) - 110 (139)	50%	SPK: 150
13127-88-3	Phenol-d6	47.2		15 (10) - 110 (134)	31%	SPK: 150
4165-60-0	Nitrobenzene-d5	101		30 (49) - 130 (133)	101%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.3		30 (52) - 130 (132)	99%	SPK: 100
118-79-6	2,4,6-Tribromophenol	148		15 (32) - 110 (145)	99%	SPK: 150
1718-51-0	Terphenyl-d14	99.1		30 (36) - 130 (145)	99%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	37700	6.84			
1146-65-2	Naphthalene-d8	148000	8.122			
15067-26-2	Acenaphthene-d10	79700	9.869			
1517-22-2	Phenanthrene-d10	125000	11.357			
1719-03-5	Chrysene-d12	68400	13.998			
1520-96-3	Perylene-d12	79700	15.462			

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

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

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LAB CHRONICLE

OrderID:	P3467	**OrderDate:**	8/2/2024 4:30:00 PM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	**Location:**	D21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3467-01	**919-J-WS-080224**	**Water**			**08/02/24**			**08/02/24**
			SVOCMS Group3	8270-Modified		08/05/24	08/06/24	
			SVOCMS Group6	8270E		08/05/24	08/10/24	

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A
B
C
D

Hit Summary Sheet
SW-846

SDG No.: P3467 **Order ID:** P3467

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 : 919-J-WS-080224								
P3467-01	919-J-WS-080224	Water	Dissolved Silica	6830		64.0	428	ug/L

SAMPLE DATA

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/02/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/02/24
Client Sample ID:	919-J-WS-080224	SDG No.:	P3467
Lab Sample ID:	P3467-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
Dissolved Silica	Dissolved Silica	6830		1	64.0	428	ug/L	10/24/24 11:45	10/24/24 22:03	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group5				

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

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

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LAB CHRONICLE

OrderID:	P3467	**OrderDate:**	8/2/2024 4:30:00 PM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	**Location:**	D21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3467-01	**919-J-WS-080224**	**Water**			**08/02/24**			**08/02/24**
			Mercury	7470A		08/12/24	08/13/24	
			Metals Group4	6020B		08/23/24	08/25/24	
			Metals Group5	200.7		10/24/24	10/24/24	

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Hit Summary Sheet
SW-846

SDG No.: P3467 **Order ID:** P3467

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 : 919-J-WS-080224								
P3467-01	919-J-WS-080224	Water	Aluminum	1150		1.98	20.0	ug/L
P3467-01	919-J-WS-080224	Water	Antimony	0.47	J	0.11	2.00	ug/L
P3467-01	919-J-WS-080224	Water	Arsenic	5.56		0.090	1.00	ug/L
P3467-01	919-J-WS-080224	Water	Barium	76.0		0.30	10.0	ug/L
P3467-01	919-J-WS-080224	Water	Calcium	15800		62.5	500	ug/L
P3467-01	919-J-WS-080224	Water	Chromium	3.52		0.40	2.00	ug/L
P3467-01	919-J-WS-080224	Water	Cobalt	2.15		0.062	1.00	ug/L
P3467-01	919-J-WS-080224	Water	Copper	22.7		0.40	2.00	ug/L
P3467-01	919-J-WS-080224	Water	Iron	10900		9.60	50.0	ug/L
P3467-01	919-J-WS-080224	Water	Lead	16.7		0.11	1.00	ug/L
P3467-01	919-J-WS-080224	Water	Magnesium	2770		26.6	500	ug/L
P3467-01	919-J-WS-080224	Water	Manganese	526		0.24	1.00	ug/L
P3467-01	919-J-WS-080224	Water	Nickel	3.26		0.18	1.00	ug/L
P3467-01	919-J-WS-080224	Water	Mercury	0.25		0.081	0.20	ug/L
P3467-01	919-J-WS-080224	Water	Potassium	2530		46.1	500	ug/L
P3467-01	919-J-WS-080224	Water	Silver	0.23	J	0.077	1.00	ug/L
P3467-01	919-J-WS-080224	Water	Sodium	48000		85.8	500	ug/L
P3467-01	919-J-WS-080224	Water	Vanadium	4.85	J	0.072	5.00	ug/L
P3467-01	919-J-WS-080224	Water	Zinc	141		0.56	5.00	ug/L

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/02/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/02/24
Client Sample ID:	919-J-WS-080224	SDG No.:	P3467
Lab Sample ID:	P3467-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1150		1	1.98	20.0	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7440-36-0	Antimony	0.47	J	1	0.11	2.00	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7440-38-2	Arsenic	5.56		1	0.090	1.00	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7440-39-3	Barium	76.0		1	0.30	10.0	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7440-41-7	Beryllium	0.16	U	1	0.16	1.00	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7440-43-9	Cadmium	0.30	U	1	0.30	1.00	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7440-70-2	Calcium	15800		1	62.5	500	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7440-47-3	Chromium	3.52		1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7440-48-4	Cobalt	2.15		1	0.062	1.00	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7440-50-8	Copper	22.7		1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7439-89-6	Iron	10900		1	9.60	50.0	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7439-92-1	Lead	16.7		1	0.11	1.00	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7439-95-4	Magnesium	2770		1	26.6	500	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7439-96-5	Manganese	526		1	0.24	1.00	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7439-97-6	Mercury	0.25		1	0.081	0.20	ug/L	08/12/24 16:13	08/13/24 10:49	SW7470A	
7440-02-0	Nickel	3.26		1	0.18	1.00	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7440-09-7	Potassium	2530		1	46.1	500	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7782-49-2	Selenium	1.38	U	1	1.38	5.00	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7440-22-4	Silver	0.23	JN	1	0.077	1.00	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7440-23-5	Sodium	48000		1	85.8	500	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7440-28-0	Thallium	0.085	U	1	0.085	1.00	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7440-62-2	Vanadium	4.85	J	1	0.072	5.00	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A
7440-66-6	Zinc	141		1	0.56	5.00	ug/L	08/23/24 15:00	08/25/24 18:00	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	Medium
Color After:	Colorless	Clarity After:	N/A	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

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LAB CHRONICLE

OrderID:	P3467	**OrderDate:**	8/2/2024 4:30:00 PM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	**Location:**	D21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3467-01	**919-J-WS-080224**	**Water**			**08/02/24**			**08/02/24**
			Mercury	7470A		08/12/24	08/13/24	
			Metals Group4	6020B		08/23/24	08/25/24	

SAMPLE DATA

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/02/24 13:25
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/02/24
Client Sample ID:	919-J-WS-080224	SDG No.:	P3467
Lab Sample ID:	P3467-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		08/03/24 08:44	7196A

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

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LAB CHRONICLE

OrderID:	P3467	**OrderDate:**	8/2/2024 4:30:00 PM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	**Location:**	D21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3467-01	**919-J-WS-080224**	**WATER**			**08/02/24 13:25**			**08/02/24**
			Hexavalent Chromium	7196A			08/03/24 08:44	