

Hit Summary Sheet SW-846

SDG No.: P3426

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	927-K1-WS-073124							
P3426-01	927-K1-WS-073124	Water	Vinyl Chloride	10.9		0.34	1.00	ug/L
P3426-01	927-K1-WS-073124	Water	1,1,2-Trichlorotrifluoroethane	6.10		0.25	1.00	ug/L
P3426-01	927-K1-WS-073124	Water	Acetone	7.80		1.40	5.00	ug/L
P3426-01	927-K1-WS-073124	Water	cis-1,2-Dichloroethene	19.7		0.25	1.00	ug/L
P3426-01	927-K1-WS-073124	Water	Trichloroethene	2.10		0.32	1.00	ug/L
P3426-01	927-K1-WS-073124	Water	Toluene	0.89	J	0.18	1.00	ug/L
			Total Voc :	47.5				
			Total Concentration:	47.5				
Client ID:	927-K1-WS-073124-FD							
P3426-02	927-K1-WS-073124	Water	Vinyl Chloride	9.60		0.34	1.00	ug/L
P3426-02	927-K1-WS-073124	Water	1,1,2-Trichlorotrifluoroethane	5.20		0.25	1.00	ug/L
P3426-02	927-K1-WS-073124	Water	Acetone	7.70		1.40	5.00	ug/L
P3426-02	927-K1-WS-073124	Water	cis-1,2-Dichloroethene	18.0		0.25	1.00	ug/L
P3426-02	927-K1-WS-073124	Water	Trichloroethene	1.70		0.32	1.00	ug/L
P3426-02	927-K1-WS-073124	Water	Toluene	0.92	J	0.18	1.00	ug/L
			Total Voc :	43.1				
			Total Concentration:	43.1				



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124	SDG No.:	P3426
Lab Sample ID:	P3426-01	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
VN083242.D	1		08/12/24 17:00	VN081224

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	10.9		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	6.10		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	7.80		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	19.7		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	2.10		0.32	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-88-3	Toluene	0.89	J	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:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124	SDG No.:	P3426
Lab Sample ID:	P3426-01	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
VN083242.D	1		08/12/24 17:00	VN081224

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	56.8		70 (74) - 130 (125)	114%	SPK: 50
1868-53-7	Dibromofluoromethane	52.6		70 (75) - 130 (124)	105%	SPK: 50
2037-26-5	Toluene-d8	53.5		70 (86) - 130 (113)	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.8		70 (77) - 130 (121)	114%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	134000	8.224			
540-36-3	1,4-Difluorobenzene	260000	9.1			
3114-55-4	Chlorobenzene-d5	269000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	119000	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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124-FD	SDG No.:	P3426
Lab Sample ID:	P3426-02	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
VN083243.D	1		08/12/24 17:24	VN081224

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	9.60		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	5.20		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	7.70		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	18.0		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	1.70		0.32	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-88-3	Toluene	0.92	J	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:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124-FD	SDG No.:	P3426
Lab Sample ID:	P3426-02	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
VN083243.D	1		08/12/24 17:24	VN081224

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	56.4		70 (74) - 130 (125)	113%	SPK: 50
1868-53-7	Dibromofluoromethane	53.2		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	53.4		70 (86) - 130 (113)	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.3		70 (77) - 130 (121)	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	135000	8.224			
540-36-3	1,4-Difluorobenzene	259000	9.1			
3114-55-4	Chlorobenzene-d5	265000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	115000	13.794			

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N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



LAB CHRONICLE

OrderID:	P3426	OrderDate:	7/31/2024 2:33:00 PM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	E21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3426-01	927-K1-WS-073124	Water	VOCMS Group6	8260-Low	07/31/24		08/12/24	07/31/24
P3426-02	927-K1-WS-073124-F D	Water	VOCMS Group6	8260-Low	07/31/24		08/12/24	07/31/24



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

A
B
C
D

Hit Summary Sheet
SW-846

SDG No.: P3426
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

A

B

C

D

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124	SDG No.:	P3426
Lab Sample ID:	P3426-01	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
BF138845.D	1	08/01/24 08:20	08/07/24 16:35	PB162423

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124	SDG No.:	P3426
Lab Sample ID:	P3426-01	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
BF138845.D	1	08/01/24 08:20	08/07/24 16:35	PB162423

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	57.6		15 (10) - 110 (139)	38%	SPK: 150
13127-88-3	Phenol-d6	35.8		15 (10) - 110 (134)	24%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.7		30 (49) - 130 (133)	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	98.9		30 (52) - 130 (132)	99%	SPK: 100
118-79-6	2,4,6-Tribromophenol	149		15 (32) - 110 (145)	99%	SPK: 150
1718-51-0	Terphenyl-d14	119		30 (36) - 130 (145)	119%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	42100	6.84
1146-65-2	Naphthalene-d8	170000	8.116
15067-26-2	Acenaphthene-d10	92800	9.869
1517-22-2	Phenanthrene-d10	152000	11.357
1719-03-5	Chrysene-d12	74700	13.998
1520-96-3	Perylene-d12	81700	15.457

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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:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124-FD	SDG No.:	P3426
Lab Sample ID:	P3426-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	500 Units: mL	Final Vol:	500 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
BF138846.D	1	08/01/24 08:20	08/07/24 17:05	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.60	U	1.60	5.00	ug/L
100-52-7	Benzaldehyde	4.00	U	4.00	10.0	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.0	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.00	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.00	ug/L
91-20-3	Naphthalene	1.00	U	1.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.00	ug/L
91-57-6	2-Methylnaphthalene	1.10	U	1.10	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.00	ug/L
208-96-8	Acenaphthylene	1.00	U	1.00	5.00	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	5.00	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	5.00	ug/L
86-73-7	Fluorene	0.96	U	0.96	5.00	ug/L
118-74-1	Hexachlorobenzene	1.10	U	1.10	5.00	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.0	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	5.00	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.00	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.00	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.00	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.00	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	5.00	ug/L
218-01-9	Chrysene	0.86	U	0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	5.00	ug/L
205-99-2	Benzo(b)fluoranthene	1.10	U	1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.00	ug/L

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124-FD	SDG No.:	P3426
Lab Sample ID:	P3426-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	500 Units: mL	Final Vol:	500 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
BF138846.D	1	08/01/24 08:20	08/07/24 17:05	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.00	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.00	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	17.9	*	15 (10) - 110 (139)	12%	SPK: 150
13127-88-3	Phenol-d6	12.7	*	15 (10) - 110 (134)	8%	SPK: 150
4165-60-0	Nitrobenzene-d5	19.7	*	30 (49) - 130 (133)	20%	SPK: 100
321-60-8	2-Fluorobiphenyl	20.5	*	30 (52) - 130 (132)	20%	SPK: 100
118-79-6	2,4,6-Tribromophenol	30.5		15 (32) - 110 (145)	20%	SPK: 150
1718-51-0	Terphenyl-d14	24.6	*	30 (36) - 130 (145)	25%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	84700	6.84
1146-65-2	Naphthalene-d8	335000	8.122
15067-26-2	Acenaphthene-d10	183000	9.875
1517-22-2	Phenanthrene-d10	294000	11.357
1719-03-5	Chrysene-d12	144000	13.998
1520-96-3	Perylene-d12	159000	15.457

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:	P3426	OrderDate:	7/31/2024 2:33:00 PM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	E21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3426-01	927-K1-WS-073124	Water			07/31/24			07/31/24
			SVOCMS Group6	8270E		08/01/24	08/07/24	
			SVOC-SIMGroup1	8270-Modified		08/01/24	08/03/24	
P3426-02	927-K1-WS-073124-F D	Water			07/31/24			07/31/24
			SVOCMS Group6	8270E		08/01/24	08/07/24	
			SVOC-SIMGroup1	8270-Modified		08/01/24	08/03/24	
P3426-02RE	927-K1-WS-073124-F DRE	Water			07/31/24			07/31/24
			SVOC-SIMGroup1	8270-Modified		08/01/24	08/03/24	



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Fax : 908 789 8922

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Hit Summary Sheet SW-846

SDG No.: P3426
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 927-K1-WS-073124							
P3426-01	927-K1-WS-073124	WATER	1,4-Dioxane	0.160	J	0.07	0.21 ug/L
			Total Svoc :		0.16		
			Total Concentration:		0.16		
Client ID : 927-K1-WS-073124-FD							
P3426-02	927-K1-WS-073124-FD	WATER	1,4-Dioxane	0.110	J	0.07	0.2 ug/L
			Total Svoc :		0.11		
			Total Concentration:		0.11		
Client ID : 927-K1-WS-073124-FDRE							
P3426-02RE	927-K1-WS-073124-FDR	WATER	1,4-Dioxane	0.110	J	0.07	0.2 ug/L
			Total Svoc :		0.11		
			Total Concentration:		0.11		



SAMPLE DATA

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124	SDG No.:	P3426
Lab Sample ID:	P3426-01	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN033222.D	1	08/01/24 08:58	08/03/24 03:39	PB162424

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	0.16	J	0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.25		30 (30) - 150 (150)	62%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.26		30 (30) - 150 (150)	64%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.30		30 (11) - 130 (175)	74%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.27		30 (10) - 130 (175)	68%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.39		30 (54) - 130 (171)	97%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2710	7.561			
1146-65-2	Naphthalene-d8	9330	10.287			
15067-26-2	Acenaphthene-d10	5310	14.144			
1517-22-2	Phenanthrene-d10	11100	16.915			

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124	SDG No.:	P3426
Lab Sample ID:	P3426-01	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN033222.D	1	08/01/24 08:58	08/03/24 03:39	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	7180	21.131			
1520-96-3	Perylene-d12	7530	23.304			

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:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124-FD	SDG No.:	P3426
Lab Sample ID:	P3426-02	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	500 Units: mL	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN033223.D	1	08/01/24 08:58	08/03/24 04:15	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.020	U	0.020	0.10	ug/L
91-57-6	2-Methylnaphthalene	0.030	U	0.030	0.10	ug/L
208-96-8	Acenaphthylene	0.020	U	0.020	0.10	ug/L
83-32-9	Acenaphthene	0.020	U	0.020	0.10	ug/L
86-73-7	Fluorene	0.020	U	0.020	0.10	ug/L
85-01-8	Phenanthrene	0.020	U	0.020	0.10	ug/L
120-12-7	Anthracene	0.020	U	0.020	0.10	ug/L
206-44-0	Fluoranthene	0.020	U	0.020	0.10	ug/L
129-00-0	Pyrene	0.020	U	0.020	0.10	ug/L
56-55-3	Benzo(a)anthracene	0.020	U	0.020	0.10	ug/L
218-01-9	Chrysene	0.030	U	0.030	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.030	U	0.030	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.030	U	0.030	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.060	U	0.060	0.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.040	U	0.040	0.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.040	U	0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
123-91-1	1,4-Dioxane	0.11	J	0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.065	*	30 (30) - 150 (150)	32%	SPK: 0.2
93951-69-0	Fluoranthene-d10	0.086	*	30 (30) - 150 (150)	43%	SPK: 0.2
4165-60-0	Nitrobenzene-d5	0.084	*	30 (11) - 130 (175)	42%	SPK: 0.2
321-60-8	2-Fluorobiphenyl	0.084	*	30 (10) - 130 (175)	42%	SPK: 0.2
1718-51-0	Terphenyl-d14	0.27		30 (54) - 130 (171)	137%	SPK: 0.2
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	4560	7.51			
1146-65-2	Naphthalene-d8	15600	10.266			
15067-26-2	Acenaphthene-d10	7690	14.137			
1517-22-2	Phenanthrene-d10	15100	16.908			

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124-FD	SDG No.:	P3426
Lab Sample ID:	P3426-02	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	500 Units: mL	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN033223.D	1	08/01/24 08:58	08/03/24 04:15	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	13400	21.125			
1520-96-3	Perylene-d12	14300	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:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124-FDRE	SDG No.:	P3426
Lab Sample ID:	P3426-02RE	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	500 Units: mL	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN033237.D	1	08/01/24 08:58	08/03/24 14:00	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.020	U	0.020	0.10	ug/L
91-57-6	2-Methylnaphthalene	0.030	U	0.030	0.10	ug/L
208-96-8	Acenaphthylene	0.020	U	0.020	0.10	ug/L
83-32-9	Acenaphthene	0.020	U	0.020	0.10	ug/L
86-73-7	Fluorene	0.020	U	0.020	0.10	ug/L
85-01-8	Phenanthrene	0.020	U	0.020	0.10	ug/L
120-12-7	Anthracene	0.020	U	0.020	0.10	ug/L
206-44-0	Fluoranthene	0.020	U	0.020	0.10	ug/L
129-00-0	Pyrene	0.020	U	0.020	0.10	ug/L
56-55-3	Benzo(a)anthracene	0.020	U	0.020	0.10	ug/L
218-01-9	Chrysene	0.030	U	0.030	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.030	U	0.030	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.030	U	0.030	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.060	U	0.060	0.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.040	U	0.040	0.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.040	U	0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
123-91-1	1,4-Dioxane	0.11	J	0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.067	*	30 (30) - 150 (150)	33%	SPK: 0.2
93951-69-0	Fluoranthene-d10	0.089	*	30 (30) - 150 (150)	44%	SPK: 0.2
4165-60-0	Nitrobenzene-d5	0.083	*	30 (11) - 130 (175)	41%	SPK: 0.2
321-60-8	2-Fluorobiphenyl	0.081	*	30 (10) - 130 (175)	41%	SPK: 0.2
1718-51-0	Terphenyl-d14	0.33		30 (54) - 130 (171)	166%	SPK: 0.2
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	4570	7.517			
1146-65-2	Naphthalene-d8	16600	10.265			
15067-26-2	Acenaphthene-d10	9400	14.137			
1517-22-2	Phenanthrene-d10	19900	16.908			

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124-FDRE	SDG No.:	P3426
Lab Sample ID:	P3426-02RE	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	500 Units: mL	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN033237.D	1	08/01/24 08:58	08/03/24 14:00	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	14600	21.134			
1520-96-3	Perylene-d12	14900	23.306			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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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

LAB CHRONICLE

OrderID:	P3426	OrderDate:	7/31/2024 2:33:00 PM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	E21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3426-01	927-K1-WS-073124	Water	SVOC-SIMGroup1	8270-Modified	07/31/24	08/01/24	08/03/24	07/31/24
P3426-02	927-K1-WS-073124-FD	Water	SVOC-SIMGroup1	8270-Modified	07/31/24	08/01/24	08/03/24	07/31/24
P3426-02RE	927-K1-WS-073124-FDRE	Water	SVOC-SIMGroup1	8270-Modified	07/31/24	08/01/24	08/03/24	07/31/24



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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.:	P3426	Order ID:	P3426
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 : P3426-01	927-K1-WS-073124 927-K1-WS-073124	Water	Dissolved Silica	7770		64.0	428	ug/L
Client ID : P3426-02	927-K1-WS-073124-FD 927-K1-WS-073124-FD	Water	Dissolved Silica	7550		64.0	428	ug/L



SAMPLE DATA

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124	SDG No.:	P3426
Lab Sample ID:	P3426-01	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	7770	1	64.0		428	ug/L	10/24/24 11:45	10/24/24 21:18	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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124-FD	SDG No.:	P3426
Lab Sample ID:	P3426-02	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	7550	1	64.0		428	ug/L	10/24/24 11:45	10/24/24 21:32	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

LAB CHRONICLE

OrderID:	P3426	OrderDate:	7/31/2024 2:33:00 PM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	E21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3426-01	927-K1-WS-073124	Water			07/31/24			07/31/24
			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	
P3426-02	927-K1-WS-073124-F D	Water			07/31/24			07/31/24
			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	

Hit Summary Sheet SW-846

SDG No.:	P3426	Order ID:	P3426
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 : 927-K1-WS-073124								
P3426-01	927-K1-WS-073124	Water	Aluminum	34.0		1.98	20.0	ug/L
P3426-01	927-K1-WS-073124	Water	Antimony	0.20	J	0.11	2.00	ug/L
P3426-01	927-K1-WS-073124	Water	Arsenic	1.94		0.090	1.00	ug/L
P3426-01	927-K1-WS-073124	Water	Barium	208		0.30	10.0	ug/L
P3426-01	927-K1-WS-073124	Water	Calcium	33100		62.5	500	ug/L
P3426-01	927-K1-WS-073124	Water	Chromium	3.08		0.40	2.00	ug/L
P3426-01	927-K1-WS-073124	Water	Cobalt	1.60		0.062	1.00	ug/L
P3426-01	927-K1-WS-073124	Water	Copper	1.12	J	0.40	2.00	ug/L
P3426-01	927-K1-WS-073124	Water	Iron	4640		9.60	50.0	ug/L
P3426-01	927-K1-WS-073124	Water	Lead	0.43	J	0.11	1.00	ug/L
P3426-01	927-K1-WS-073124	Water	Magnesium	11700		26.6	500	ug/L
P3426-01	927-K1-WS-073124	Water	Manganese	6820		0.24	1.00	ug/L
P3426-01	927-K1-WS-073124	Water	Nickel	2.62		0.18	1.00	ug/L
P3426-01	927-K1-WS-073124	Water	Potassium	5910		46.1	500	ug/L
P3426-01	927-K1-WS-073124	Water	Silver	0.080	J	0.077	1.00	ug/L
P3426-01	927-K1-WS-073124	Water	Sodium	175000		85.8	500	ug/L
P3426-01	927-K1-WS-073124	Water	Vanadium	0.43	J	0.072	5.00	ug/L
P3426-01	927-K1-WS-073124	Water	Zinc	13.0		0.56	5.00	ug/L
Client ID : 927-K1-WS-073124-FD								
P3426-02	927-K1-WS-073124-FD	Water	Aluminum	29.3		1.98	20.0	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Arsenic	1.72		0.090	1.00	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Barium	193		0.30	10.0	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Calcium	31400		62.5	500	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Cobalt	1.43		0.062	1.00	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Copper	0.43	J	0.40	2.00	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Iron	4080		9.60	50.0	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Lead	0.24	J	0.11	1.00	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Magnesium	10500		26.6	500	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Manganese	6070		0.24	1.00	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Nickel	1.00		0.18	1.00	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Potassium	5280		46.1	500	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Sodium	157000		85.8	500	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Vanadium	0.37	J	0.072	5.00	ug/L
P3426-02	927-K1-WS-073124-FD	Water	Zinc	5.46		0.56	5.00	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124	SDG No.:	P3426
Lab Sample ID:	P3426-01	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	34.0		1	1.98	20.0	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7440-36-0	Antimony	0.20	J	1	0.11	2.00	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7440-38-2	Arsenic	1.94		1	0.090	1.00	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7440-39-3	Barium	208		1	0.30	10.0	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7440-41-7	Beryllium	0.16	U	1	0.16	1.00	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7440-43-9	Cadmium	0.30	U	1	0.30	1.00	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7440-70-2	Calcium	33100		1	62.5	500	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7440-47-3	Chromium	3.08		1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7440-48-4	Cobalt	1.60		1	0.062	1.00	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7440-50-8	Copper	1.12	J	1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7439-89-6	Iron	4640		1	9.60	50.0	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7439-92-1	Lead	0.43	J	1	0.11	1.00	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7439-95-4	Magnesium	11700		1	26.6	500	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7439-96-5	Manganese	6820		1	0.24	1.00	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	08/12/24 16:13	08/13/24 10:12	SW7470A	
7440-02-0	Nickel	2.62		1	0.18	1.00	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7440-09-7	Potassium	5910		1	46.1	500	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7782-49-2	Selenium	1.38	U	1	1.38	5.00	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7440-22-4	Silver	0.080	JN	1	0.077	1.00	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7440-23-5	Sodium	175000		1	85.8	500	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7440-28-0	Thallium	0.085	U	1	0.085	1.00	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7440-62-2	Vanadium	0.43	J	1	0.072	5.00	ug/L	08/23/24 15:00	08/25/24 17:41	SW6020	3010A
7440-66-6	Zinc	13.0		1	0.56	5.00	ug/L	08/23/24 15:00	08/25/24 17:41	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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124-FD	SDG No.:	P3426
Lab Sample ID:	P3426-02	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	29.3		1	1.98	20.0	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7440-36-0	Antimony	0.11	U	1	0.11	2.00	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7440-38-2	Arsenic	1.72		1	0.090	1.00	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7440-39-3	Barium	193		1	0.30	10.0	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7440-41-7	Beryllium	0.16	U	1	0.16	1.00	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7440-43-9	Cadmium	0.30	U	1	0.30	1.00	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7440-70-2	Calcium	31400		1	62.5	500	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7440-47-3	Chromium	0.40	U	1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7440-48-4	Cobalt	1.43		1	0.062	1.00	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7440-50-8	Copper	0.43	J	1	0.40	2.00	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7439-89-6	Iron	4080		1	9.60	50.0	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7439-92-1	Lead	0.24	J	1	0.11	1.00	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7439-95-4	Magnesium	10500		1	26.6	500	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7439-96-5	Manganese	6070		1	0.24	1.00	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	08/12/24 16:13	08/13/24 10:14	SW7470A	
7440-02-0	Nickel	1.00		1	0.18	1.00	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7440-09-7	Potassium	5280		1	46.1	500	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7782-49-2	Selenium	1.38	U	1	1.38	5.00	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7440-22-4	Silver	0.077	UN	1	0.077	1.00	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7440-23-5	Sodium	157000		1	85.8	500	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7440-28-0	Thallium	0.085	U	1	0.085	1.00	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7440-62-2	Vanadium	0.37	J	1	0.072	5.00	ug/L	08/23/24 15:00	08/25/24 17:44	SW6020	3010A
7440-66-6	Zinc	5.46		1	0.56	5.00	ug/L	08/23/24 15:00	08/25/24 17:44	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

LAB CHRONICLE

OrderID:	P3426	OrderDate:	7/31/2024 2:33:00 PM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	E21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3426-01	927-K1-WS-073124	Water			07/31/24			07/31/24
			Mercury	7470A		08/12/24	08/13/24	
			Metals Group4	6020B		08/23/24	08/25/24	
P3426-02	927-K1-WS-073124-F D	Water			07/31/24			07/31/24
			Mercury	7470A		08/12/24	08/13/24	
			Metals Group4	6020B		08/23/24	08/25/24	



SAMPLE DATA

A

B

C

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24 10:50
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124	SDG No.:	P3426
Lab Sample ID:	P3426-01	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		07/31/24 15:46	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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24 10:55
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	927-K1-WS-073124-FD	SDG No.:	P3426
Lab Sample ID:	P3426-02	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		07/31/24 15:50	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



LAB CHRONICLE

OrderID:	P3426	OrderDate:	7/31/2024 2:33:00 PM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	E21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3426-01	927-K1-WS-073124	WATER	Hexavalent Chromium	7196A	07/31/24 10:50		07/31/24 15:46	07/31/24
P3426-02	927-K1-WS-073124-FD	WATER	Hexavalent Chromium	7196A	07/31/24 10:55		07/31/24 15:50	07/31/24