

Hit Summary Sheet SW-846

SDG No.: Q1697
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: MW-19B-72-040125								
Q1697-01	MW-19B-72-04012	Water	Vinyl Chloride	8.80		0.26	1.00	ug/L
Q1697-01	MW-19B-72-04012	Water	1,1-Dichloroethene	85.9		0.23	1.00	ug/L
Q1697-01	MW-19B-72-04012	Water	1,1-Dichloroethane	21.3		0.23	1.00	ug/L
Q1697-01	MW-19B-72-04012	Water	cis-1,2-Dichloroethene	6000	E	0.19	1.00	ug/L
Q1697-01	MW-19B-72-04012	Water	1,1,1-Trichloroethane	32.0		0.20	1.00	ug/L
Q1697-01	MW-19B-72-04012	Water	Benzene	1.70		0.15	1.00	ug/L
Q1697-01	MW-19B-72-04012	Water	1,2-Dichloroethane	5.30		0.22	1.00	ug/L
Q1697-01	MW-19B-72-04012	Water	Trichloroethene	12900	E	0.090	1.00	ug/L
Q1697-01	MW-19B-72-04012	Water	Tetrachloroethene	740	E	0.23	1.00	ug/L
Total Voc :				19800				
Total Concentration:				19800				
Client ID: MW-19B-72-040125DL								
Q1697-01DL	MW-19B-72-04012	Water	1,1-Dichloroethene	100	JD	46.0	200	ug/L
Q1697-01DL	MW-19B-72-04012	Water	cis-1,2-Dichloroethene	6900	D	38.0	200	ug/L
Q1697-01DL	MW-19B-72-04012	Water	Trichloroethene	17300	D	18.6	200	ug/L
Q1697-01DL	MW-19B-72-04012	Water	Tetrachloroethene	790	D	46.0	200	ug/L
Total Voc :				25100				
Total Concentration:				25100				
Client ID: IW-01-55-040125								
Q1697-02	IW-01-55-040125	Water	1,1-Dichloroethene	8.60		0.23	1.00	ug/L
Q1697-02	IW-01-55-040125	Water	1,1-Dichloroethane	7.20		0.23	1.00	ug/L
Q1697-02	IW-01-55-040125	Water	cis-1,2-Dichloroethene	93.9		0.19	1.00	ug/L
Q1697-02	IW-01-55-040125	Water	Trichloroethene	340	E	0.090	1.00	ug/L
Q1697-02	IW-01-55-040125	Water	Tetrachloroethene	3.10		0.23	1.00	ug/L
Total Voc :				453				
Total Concentration:				453				
Client ID: IW-01-55-040125DL								
Q1697-02DL	IW-01-55-040125D	Water	1,1-Dichloroethene	8.50	JD	2.30	10.0	ug/L
Q1697-02DL	IW-01-55-040125D	Water	cis-1,2-Dichloroethene	92.0	D	1.90	10.0	ug/L
Q1697-02DL	IW-01-55-040125D	Water	Trichloroethene	340	D	0.93	10.0	ug/L
Total Voc :				441				
Total Concentration:				441				
Client ID: IW-02-55-040125								
Q1697-03	IW-02-55-040125	Water	1,1-Dichloroethene	8.50	J	2.30	10.0	ug/L
Q1697-03	IW-02-55-040125	Water	cis-1,2-Dichloroethene	360		1.90	10.0	ug/L
Q1697-03	IW-02-55-040125	Water	Trichloroethene	670		0.93	10.0	ug/L
Total Voc :				1040				
Total Concentration:				1040				

Hit Summary Sheet SW-846

SDG No.: Q1697

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: IW-02-55-040125-FD								
Q1697-04	IW-02-55-040125-F	Water	1,1-Dichloroethene	7.50	J	2.30	10.0	ug/L
Q1697-04	IW-02-55-040125-F	Water	cis-1,2-Dichloroethene	320		1.90	10.0	ug/L
Q1697-04	IW-02-55-040125-F	Water	Trichloroethene	610		0.93	10.0	ug/L
			Total Voc :			938		
			Total Concentration:			938		
Client ID: IW-03-55-040125								
Q1697-05	IW-03-55-040125	Water	1,1-Dichloroethene	11.3		2.30	10.0	ug/L
Q1697-05	IW-03-55-040125	Water	cis-1,2-Dichloroethene	560		1.90	10.0	ug/L
Q1697-05	IW-03-55-040125	Water	Trichloroethene	1100		0.93	10.0	ug/L
			Total Voc :			1670		
			Total Concentration:			1670		



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	04/01/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/01/25
Client Sample ID:	MW-19B-72-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-01	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
VX045539.D	1		04/02/25 12:07	VX040225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	8.80		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	85.9		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	21.3		0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	6000	E	0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	32.0		0.20	1.00	ug/L
71-43-2	Benzene	1.70		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	5.30		0.22	1.00	ug/L
79-01-6	Trichloroethene	12900	E	0.090	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	740	E	0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.9		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	47.6		70 (75) - 130 (124)	95%	SPK: 50
2037-26-5	Toluene-d8	44.5		70 (86) - 130 (113)	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3		70 (77) - 130 (121)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	57800	5.55			
540-36-3	1,4-Difluorobenzene	116000	6.757			
3114-55-4	Chlorobenzene-d5	97800	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	43500	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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	04/01/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/01/25
Client Sample ID:	MW-19B-72-040125DL	SDG No.:	Q1697
Lab Sample ID:	Q1697-01DL	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
VX045542.D	200		04/02/25 13:21	VX040225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	52.0	UD	52.0	200	ug/L
75-35-4	1,1-Dichloroethene	100	JD	46.0	200	ug/L
75-34-3	1,1-Dichloroethane	46.0	UD	46.0	200	ug/L
156-59-2	cis-1,2-Dichloroethene	6900	D	38.0	200	ug/L
71-55-6	1,1,1-Trichloroethane	40.0	UD	40.0	200	ug/L
71-43-2	Benzene	30.0	UD	30.0	200	ug/L
107-06-2	1,2-Dichloroethane	44.0	UD	44.0	200	ug/L
79-01-6	Trichloroethene	17300	D	18.6	200	ug/L
79-00-5	1,1,2-Trichloroethane	42.0	UD	42.0	200	ug/L
127-18-4	Tetrachloroethene	790	D	46.0	200	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.9		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	61300	5.544			
540-36-3	1,4-Difluorobenzene	119000	6.757			
3114-55-4	Chlorobenzene-d5	112000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	46900	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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	04/01/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/01/25
Client Sample ID:	IW-01-55-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-02	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
VX045540.D	1		04/02/25 12:30	VX040225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	8.60		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	7.20		0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	93.9		0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	340	E	0.090	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	3.10		0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.7		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	51.5		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.6		70 (77) - 130 (121)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	60100	5.544			
540-36-3	1,4-Difluorobenzene	115000	6.757			
3114-55-4	Chlorobenzene-d5	105000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	42600	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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	04/01/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/01/25
Client Sample ID:	IW-01-55-040125DL	SDG No.:	Q1697
Lab Sample ID:	Q1697-02DL	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
VX045543.D	10		04/02/25 13:44	VX040225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	2.60	UD	2.60	10.0	ug/L
75-35-4	1,1-Dichloroethene	8.50	JD	2.30	10.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	UD	2.30	10.0	ug/L
156-59-2	cis-1,2-Dichloroethene	92.0	D	1.90	10.0	ug/L
71-55-6	1,1,1-Trichloroethane	2.00	UD	2.00	10.0	ug/L
71-43-2	Benzene	1.50	UD	1.50	10.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	UD	2.20	10.0	ug/L
79-01-6	Trichloroethene	340	D	0.93	10.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	UD	2.10	10.0	ug/L
127-18-4	Tetrachloroethene	2.30	UD	2.30	10.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.3		70 (74) - 130 (125)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		70 (75) - 130 (124)	105%	SPK: 50
2037-26-5	Toluene-d8	50.8		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3		70 (77) - 130 (121)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	57000	5.55			
540-36-3	1,4-Difluorobenzene	111000	6.757			
3114-55-4	Chlorobenzene-d5	101000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	38900	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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	04/01/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/01/25
Client Sample ID:	IW-02-55-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-03	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
VX045549.D	10		04/02/25 16:04	VX040225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	2.60	U	2.60	10.0	ug/L
75-35-4	1,1-Dichloroethene	8.50	J	2.30	10.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	U	2.30	10.0	ug/L
156-59-2	cis-1,2-Dichloroethene	360		1.90	10.0	ug/L
71-55-6	1,1,1-Trichloroethane	2.00	U	2.00	10.0	ug/L
71-43-2	Benzene	1.50	U	1.50	10.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	10.0	ug/L
79-01-6	Trichloroethene	670		0.93	10.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	U	2.10	10.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	10.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.0		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	49.6		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.9		70 (77) - 130 (121)	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	61600	5.55			
540-36-3	1,4-Difluorobenzene	121000	6.757			
3114-55-4	Chlorobenzene-d5	109000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	45500	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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	04/01/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/01/25
Client Sample ID:	IW-02-55-040125-FD	SDG No.:	Q1697
Lab Sample ID:	Q1697-04	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
VX045550.D	10		04/02/25 16:27	VX040225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	2.60	U	2.60	10.0	ug/L
75-35-4	1,1-Dichloroethene	7.50	J	2.30	10.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	U	2.30	10.0	ug/L
156-59-2	cis-1,2-Dichloroethene	320		1.90	10.0	ug/L
71-55-6	1,1,1-Trichloroethane	2.00	U	2.00	10.0	ug/L
71-43-2	Benzene	1.50	U	1.50	10.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	10.0	ug/L
79-01-6	Trichloroethene	610		0.93	10.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	U	2.10	10.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	10.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.1		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	50.0		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	66400	5.55			
540-36-3	1,4-Difluorobenzene	130000	6.757			
3114-55-4	Chlorobenzene-d5	120000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	51200	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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	04/01/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/01/25
Client Sample ID:	IW-03-55-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-05	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
VX045551.D	10		04/02/25 16:51	VX040225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	2.60	U	2.60	10.0	ug/L
75-35-4	1,1-Dichloroethene	11.3		2.30	10.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	U	2.30	10.0	ug/L
156-59-2	cis-1,2-Dichloroethene	560		1.90	10.0	ug/L
71-55-6	1,1,1-Trichloroethane	2.00	U	2.00	10.0	ug/L
71-43-2	Benzene	1.50	U	1.50	10.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	10.0	ug/L
79-01-6	Trichloroethene	1100		0.93	10.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	U	2.10	10.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	10.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.8		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	52.6		70 (75) - 130 (124)	105%	SPK: 50
2037-26-5	Toluene-d8	50.8		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	61400	5.544			
540-36-3	1,4-Difluorobenzene	119000	6.757			
3114-55-4	Chlorobenzene-d5	111000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	47100	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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	04/01/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/01/25
Client Sample ID:	TB-01-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-06	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
VX045562.D	1		04/03/25 11:45	VX040325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	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	0.19	U	0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.0		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	50.0		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.0		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	66700	5.544			
540-36-3	1,4-Difluorobenzene	130000	6.757			
3114-55-4	Chlorobenzene-d5	121000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	51100	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

LAB CHRONICLE

OrderID:	Q1697	OrderDate:	4/2/2025 10:31:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	Location:	I31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1697-01	MW-19B-72-040125	Water	VOCMS Group3	8260-Low	04/01/25		04/02/25	04/01/25
Q1697-01DL	MW-19B-72-040125D L	Water	VOCMS Group3	8260-Low	04/01/25		04/02/25	04/01/25
Q1697-02	IW-01-55-040125	Water	VOCMS Group3	8260-Low	04/01/25		04/02/25	04/01/25
Q1697-02DL	IW-01-55-040125DL	Water	VOCMS Group3	8260-Low	04/01/25		04/02/25	04/01/25
Q1697-03	IW-02-55-040125	Water	VOCMS Group3	8260-Low	04/01/25		04/02/25	04/01/25
Q1697-04	IW-02-55-040125-FD	Water	VOCMS Group3	8260-Low	04/01/25		04/02/25	04/01/25
Q1697-05	IW-03-55-040125	Water	VOCMS Group3	8260-Low	04/01/25		04/02/25	04/01/25
Q1697-06	TB-01-040125	Water	VOCMS Group3	8260-Low	04/01/25		04/03/25	04/01/25

Hit Summary Sheet SW-846

SDG No.: Q1697
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	MW-19B-72-040125							
Q1697-01	MW-19B-72-040125	WATER	1,4-Dioxane	6.600	E	0.07	0.21	ug/L
			Total Svoc :			6.60		
			Total Concentration:			6.60		
Client ID :	MW-19B-72-040125DL							
Q1697-01DL	MW-19B-72-040125DL	WATER	1,4-Dioxane	6.900	D	0.14	0.41	ug/L
			Total Svoc :			6.90		
			Total Concentration:			6.90		
Client ID :	IW-01-55-040125							
Q1697-02	IW-01-55-040125	WATER	1,4-Dioxane	0.910		0.07	0.2	ug/L
			Total Svoc :			0.91		
			Total Concentration:			0.91		
Client ID :	IW-02-55-040125							
Q1697-03	IW-02-55-040125	WATER	1,4-Dioxane	0.770		0.07	0.21	ug/L
			Total Svoc :			0.77		
			Total Concentration:			0.77		
Client ID :	IW-02-55-040125-FD							
Q1697-04	IW-02-55-040125-FD	WATER	1,4-Dioxane	0.580		0.07	0.21	ug/L
			Total Svoc :			0.58		
			Total Concentration:			0.58		
Client ID :	IW-03-55-040125							
Q1697-05	IW-03-55-040125	WATER	1,4-Dioxane	0.620		0.07	0.2	ug/L
			Total Svoc :			0.62		
			Total Concentration:			0.62		



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	04/01/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	04/01/25
Client Sample ID:	MW-19B-72-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-01	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	970 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 :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036820.D	1	04/02/25 14:40	04/03/25 13:37	PB167430

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	6.60	E	0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.33		30 (20) - 150 (139)	81%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.42		30 (30) - 150 (150)	104%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.27		30 (27) - 130 (154)	68%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.31		30 (25) - 130 (149)	77%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.44		30 (54) - 130 (175)	110%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	3190	7.696			
1146-65-2	Naphthalene-d8	7700	10.477			
15067-26-2	Acenaphthene-d10	4530	14.334			
1517-22-2	Phenanthrene-d10	9510	17.074			
1719-03-5	Chrysene-d12	8070	21.268			
1520-96-3	Perylene-d12	7150	23.513			

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:	04/01/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	04/01/25
Client Sample ID:	MW-19B-72-040125DL	SDG No.:	Q1697
Lab Sample ID:	Q1697-01DL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	970 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 :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036825.D	2	04/02/25 14:40	04/03/25 16:38	PB167430

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	6.90	D	0.14	0.41	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.29		30 (20) - 150 (139)	72%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.38		30 (30) - 150 (150)	96%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.26		30 (27) - 130 (154)	65%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.28		30 (25) - 130 (149)	70%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.37		30 (54) - 130 (175)	93%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2050	7.695			
1146-65-2	Naphthalene-d8	4980	10.477			
15067-26-2	Acenaphthene-d10	2880	14.334			
1517-22-2	Phenanthrene-d10	6200	17.086			
1719-03-5	Chrysene-d12	5510	21.277			
1520-96-3	Perylene-d12	5290	23.513			

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:	04/01/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	04/01/25
Client Sample ID:	IW-01-55-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-02	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	990 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 :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036821.D	1	04/02/25 14:40	04/03/25 14:13	PB167430

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.91		0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.31		30 (20) - 150 (139)	78%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.44		30 (30) - 150 (150)	110%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.28		30 (27) - 130 (154)	71%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.31		30 (25) - 130 (149)	76%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.44		30 (54) - 130 (175)	109%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2300	7.695			
1146-65-2	Naphthalene-d8	5540	10.477			
15067-26-2	Acenaphthene-d10	3190	14.334			
1517-22-2	Phenanthrene-d10	6840	17.086			
1719-03-5	Chrysene-d12	5990	21.277			
1520-96-3	Perylene-d12	5470	23.516			

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:	04/01/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	04/01/25
Client Sample ID:	IW-02-55-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-03	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	970 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 :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036822.D	1	04/02/25 14:40	04/03/25 14:49	PB167430

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.77		0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.35		30 (20) - 150 (139)	87%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.45		30 (30) - 150 (150)	113%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.34		30 (27) - 130 (154)	84%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.35		30 (25) - 130 (149)	88%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.40		30 (54) - 130 (175)	100%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2470	7.695			
1146-65-2	Naphthalene-d8	5940	10.477			
15067-26-2	Acenaphthene-d10	3300	14.334			
1517-22-2	Phenanthrene-d10	6930	17.086			
1719-03-5	Chrysene-d12	6220	21.277			
1520-96-3	Perylene-d12	5860	23.516			

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:	04/01/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	04/01/25
Client Sample ID:	IW-02-55-040125-FD	SDG No.:	Q1697
Lab Sample ID:	Q1697-04	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	970 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 :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036823.D	1	04/02/25 14:40	04/03/25 15:25	PB167430

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.58		0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.27		30 (20) - 150 (139)	66%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.43		30 (30) - 150 (150)	107%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.26		30 (27) - 130 (154)	65%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.30		30 (25) - 130 (149)	75%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.39		30 (54) - 130 (175)	98%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2220	7.695			
1146-65-2	Naphthalene-d8	5350	10.477			
15067-26-2	Acenaphthene-d10	2810	14.334			
1517-22-2	Phenanthrene-d10	5770	17.086			
1719-03-5	Chrysene-d12	4950	21.277			
1520-96-3	Perylene-d12	4670	23.513			

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:	04/01/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	04/01/25
Client Sample ID:	IW-03-55-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-05	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	980 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 :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036824.D	1	04/02/25 14:40	04/03/25 16:01	PB167430

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.62		0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.31		30 (20) - 150 (139)	77%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.46		30 (30) - 150 (150)	115%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.30		30 (27) - 130 (154)	75%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.32		30 (25) - 130 (149)	81%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.53	*	30 (54) - 130 (175)	133%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2110	7.695			
1146-65-2	Naphthalene-d8	5010	10.477			
15067-26-2	Acenaphthene-d10	2860	14.334			
1517-22-2	Phenanthrene-d10	6080	17.074			
1719-03-5	Chrysene-d12	5690	21.277			
1520-96-3	Perylene-d12	5490	23.513			

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:	Q1697	OrderDate:	4/2/2025 10:31:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger STC PTC Site # D3868221
Contact:	John Ynfante	Location:	I31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1697-01	MW-19B-72-040125	Water	SVOC-SIMGroup1	8270-Modified	04/01/25	04/02/25	04/03/25	04/01/25
Q1697-01DL	MW-19B-72-040125D L	Water	SVOC-SIMGroup1	8270-Modified	04/01/25	04/02/25	04/03/25	04/01/25
Q1697-02	IW-01-55-040125	Water	SVOC-SIMGroup1	8270-Modified	04/01/25	04/02/25	04/03/25	04/01/25
Q1697-03	IW-02-55-040125	Water	SVOC-SIMGroup1	8270-Modified	04/01/25	04/02/25	04/03/25	04/01/25
Q1697-04	IW-02-55-040125-FD	Water	SVOC-SIMGroup1	8270-Modified	04/01/25	04/02/25	04/03/25	04/01/25
Q1697-05	IW-03-55-040125	Water	SVOC-SIMGroup1	8270-Modified	04/01/25	04/02/25	04/03/25	04/01/25

Hit Summary Sheet SW-846

SDG No.: Q1697 **Order ID:** Q1697
Client: JACOBS Engineering Group, Inc. **Project ID:** Former Schlumberger STC PTC Site D386

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-19B-72-040125								
Q1697-01	MW-19B-72-040125	Water	Aluminum	13.7	J	1.94	20.0	ug/L
Q1697-01	MW-19B-72-040125	Water	Arsenic	0.28	J	0.089	1.00	ug/L
Q1697-01	MW-19B-72-040125	Water	Barium	619		0.21	10.0	ug/L
Q1697-01	MW-19B-72-040125	Water	Chromium	0.25	J	0.21	2.00	ug/L
Q1697-01	MW-19B-72-040125	Water	Iron	11500		7.81	50.0	ug/L
Q1697-01	MW-19B-72-040125	Water	Magnesium	13200		19.5	500	ug/L
Q1697-01	MW-19B-72-040125	Water	Manganese	644		0.43	1.00	ug/L
Q1697-01	MW-19B-72-040125	Water	Potassium	6870		36.4	500	ug/L
Q1697-01	MW-19B-72-040125	Water	Sodium	10200		128	500	ug/L
Client ID : IW-01-55-040125								
Q1697-02	IW-01-55-040125	Water	Aluminum	97.2		1.94	20.0	ug/L
Q1697-02	IW-01-55-040125	Water	Arsenic	0.42	J	0.089	1.00	ug/L
Q1697-02	IW-01-55-040125	Water	Barium	316		0.21	10.0	ug/L
Q1697-02	IW-01-55-040125	Water	Chromium	1.64	J	0.21	2.00	ug/L
Q1697-02	IW-01-55-040125	Water	Copper	0.73	J	0.30	2.00	ug/L
Q1697-02	IW-01-55-040125	Water	Iron	5700		7.81	50.0	ug/L
Q1697-02	IW-01-55-040125	Water	Magnesium	8550		19.5	500	ug/L
Q1697-02	IW-01-55-040125	Water	Manganese	596		0.43	1.00	ug/L
Q1697-02	IW-01-55-040125	Water	Potassium	6990		36.4	500	ug/L
Q1697-02	IW-01-55-040125	Water	Sodium	8590		128	500	ug/L
Client ID : IW-02-55-040125								
Q1697-03	IW-02-55-040125	Water	Aluminum	68.5		1.94	20.0	ug/L
Q1697-03	IW-02-55-040125	Water	Arsenic	0.39	J	0.089	1.00	ug/L
Q1697-03	IW-02-55-040125	Water	Barium	293		0.21	10.0	ug/L
Q1697-03	IW-02-55-040125	Water	Chromium	0.47	J	0.21	2.00	ug/L
Q1697-03	IW-02-55-040125	Water	Iron	5390		7.81	50.0	ug/L
Q1697-03	IW-02-55-040125	Water	Magnesium	8440		19.5	500	ug/L
Q1697-03	IW-02-55-040125	Water	Manganese	597		0.43	1.00	ug/L
Q1697-03	IW-02-55-040125	Water	Potassium	6920		36.4	500	ug/L
Q1697-03	IW-02-55-040125	Water	Sodium	6890		128	500	ug/L
Client ID : IW-02-55-040125-FD								
Q1697-04	IW-02-55-040125-FD	Water	Aluminum	70.8		1.94	20.0	ug/L
Q1697-04	IW-02-55-040125-FD	Water	Arsenic	0.39	J	0.089	1.00	ug/L
Q1697-04	IW-02-55-040125-FD	Water	Barium	303		0.21	10.0	ug/L
Q1697-04	IW-02-55-040125-FD	Water	Chromium	0.86	J	0.21	2.00	ug/L

Hit Summary Sheet
SW-846

SDG No.:	Q1697	Order ID:	Q1697
Client:	JACOBS Engineering Group, Inc.	Project ID:	Former Schlumberger STC PTC Site D386

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1697-04	IW-02-55-040125-FD	Water	Iron	5440		7.81	50.0	ug/L
Q1697-04	IW-02-55-040125-FD	Water	Magnesium	8590		19.5	500	ug/L
Q1697-04	IW-02-55-040125-FD	Water	Manganese	602		0.43	1.00	ug/L
Q1697-04	IW-02-55-040125-FD	Water	Potassium	7150		36.4	500	ug/L
Q1697-04	IW-02-55-040125-FD	Water	Sodium	6930		128	500	ug/L
Client ID : IW-03-55-040125								
Q1697-05	IW-03-55-040125	Water	Aluminum	70.4		1.94	20.0	ug/L
Q1697-05	IW-03-55-040125	Water	Arsenic	0.41	J	0.089	1.00	ug/L
Q1697-05	IW-03-55-040125	Water	Barium	295		0.21	10.0	ug/L
Q1697-05	IW-03-55-040125	Water	Chromium	2.42		0.21	2.00	ug/L
Q1697-05	IW-03-55-040125	Water	Iron	5960		7.81	50.0	ug/L
Q1697-05	IW-03-55-040125	Water	Lead	0.32	J	0.21	1.00	ug/L
Q1697-05	IW-03-55-040125	Water	Magnesium	8260		19.5	500	ug/L
Q1697-05	IW-03-55-040125	Water	Manganese	651		0.43	1.00	ug/L
Q1697-05	IW-03-55-040125	Water	Potassium	6810		36.4	500	ug/L
Q1697-05	IW-03-55-040125	Water	Sodium	6490		128	500	ug/L
Client ID : MW-19B-72-040125								
Q1697-13	MW-19B-72-040125	Water	Iron	11600		7.81	50.0	ug/L
Client ID : IW-01-55-040125								
Q1697-14	IW-01-55-040125	Water	Iron	5170		7.81	50.0	ug/L
Client ID : IW-02-55-040125								
Q1697-15	IW-02-55-040125	Water	Iron	5210		7.81	50.0	ug/L
Client ID : IW-02-55-040125-FD								
Q1697-16	IW-02-55-040125-FD	Water	Iron	5210		7.81	50.0	ug/L
Client ID : IW-03-55-040125								
Q1697-17	IW-03-55-040125	Water	Iron	5760		7.81	50.0	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	04/01/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/01/25
Client Sample ID:	MW-19B-72-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-01	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	13.7	J	1	1.94	20.0	ug/L	04/03/25 09:15	04/03/25 16:52	SW6020	3010A
7440-36-0	Antimony	0.11	U	1	0.11	2.00	ug/L	04/03/25 09:15	04/03/25 16:52	SW6020	3010A
7440-38-2	Arsenic	0.28	JN	1	0.089	1.00	ug/L	04/03/25 09:15	04/03/25 16:52	SW6020	3010A
7440-39-3	Barium	619		1	0.21	10.0	ug/L	04/03/25 09:15	04/03/25 16:52	SW6020	3010A
7440-41-7	Beryllium	0.32	U	1	0.32	1.00	ug/L	04/03/25 09:15	04/03/25 16:52	SW6020	3010A
7440-43-9	Cadmium	0.34	U	1	0.34	1.00	ug/L	04/03/25 09:15	04/03/25 16:52	SW6020	3010A
7440-47-3	Chromium	0.25	J	1	0.21	2.00	ug/L	04/03/25 09:15	04/03/25 16:52	SW6020	3010A
7440-50-8	Copper	0.30	U	1	0.30	2.00	ug/L	04/03/25 09:15	04/03/25 16:52	SW6020	3010A
7439-89-6	Iron	11500		1	7.81	50.0	ug/L	04/03/25 09:15	04/03/25 16:52	SW6020	3010A
7439-92-1	Lead	0.21	U	1	0.21	1.00	ug/L	04/03/25 09:15	04/03/25 16:52	SW6020	3010A
7439-95-4	Magnesium	13200		1	19.5	500	ug/L	04/03/25 09:15	04/03/25 16:52	SW6020	3010A
7439-96-5	Manganese	644		1	0.43	1.00	ug/L	04/03/25 09:15	04/03/25 16:52	SW6020	3010A
7440-09-7	Potassium	6870	N	1	36.4	500	ug/L	04/03/25 09:15	04/03/25 16:52	SW6020	3010A
7782-49-2	Selenium	2.90	U	1	2.90	5.00	ug/L	04/03/25 09:15	04/03/25 16:52	SW6020	3010A
7440-23-5	Sodium	10200		1	128	500	ug/L	04/03/25 09:15	04/03/25 16:52	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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:	04/01/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/01/25
Client Sample ID:	IW-01-55-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-02	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	97.2		1	1.94	20.0	ug/L	04/03/25 09:15	04/03/25 16:56	SW6020	3010A
7440-36-0	Antimony	0.11	U	1	0.11	2.00	ug/L	04/03/25 09:15	04/03/25 16:56	SW6020	3010A
7440-38-2	Arsenic	0.42	JN	1	0.089	1.00	ug/L	04/03/25 09:15	04/03/25 16:56	SW6020	3010A
7440-39-3	Barium	316		1	0.21	10.0	ug/L	04/03/25 09:15	04/03/25 16:56	SW6020	3010A
7440-41-7	Beryllium	0.32	U	1	0.32	1.00	ug/L	04/03/25 09:15	04/03/25 16:56	SW6020	3010A
7440-43-9	Cadmium	0.34	U	1	0.34	1.00	ug/L	04/03/25 09:15	04/03/25 16:56	SW6020	3010A
7440-47-3	Chromium	1.64	J	1	0.21	2.00	ug/L	04/03/25 09:15	04/03/25 16:56	SW6020	3010A
7440-50-8	Copper	0.73	J	1	0.30	2.00	ug/L	04/03/25 09:15	04/03/25 16:56	SW6020	3010A
7439-89-6	Iron	5700		1	7.81	50.0	ug/L	04/03/25 09:15	04/03/25 16:56	SW6020	3010A
7439-92-1	Lead	0.21	U	1	0.21	1.00	ug/L	04/03/25 09:15	04/03/25 16:56	SW6020	3010A
7439-95-4	Magnesium	8550		1	19.5	500	ug/L	04/03/25 09:15	04/03/25 16:56	SW6020	3010A
7439-96-5	Manganese	596		1	0.43	1.00	ug/L	04/03/25 09:15	04/03/25 16:56	SW6020	3010A
7440-09-7	Potassium	6990	N	1	36.4	500	ug/L	04/03/25 09:15	04/03/25 16:56	SW6020	3010A
7782-49-2	Selenium	2.90	U	1	2.90	5.00	ug/L	04/03/25 09:15	04/03/25 16:56	SW6020	3010A
7440-23-5	Sodium	8590		1	128	500	ug/L	04/03/25 09:15	04/03/25 16:56	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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:	04/01/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/01/25
Client Sample ID:	IW-02-55-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-03	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	68.5		1	1.94	20.0	ug/L	04/03/25 09:15	04/03/25 16:59	SW6020	3010A
7440-36-0	Antimony	0.11	U	1	0.11	2.00	ug/L	04/03/25 09:15	04/03/25 16:59	SW6020	3010A
7440-38-2	Arsenic	0.39	JN	1	0.089	1.00	ug/L	04/03/25 09:15	04/03/25 16:59	SW6020	3010A
7440-39-3	Barium	293		1	0.21	10.0	ug/L	04/03/25 09:15	04/03/25 16:59	SW6020	3010A
7440-41-7	Beryllium	0.32	U	1	0.32	1.00	ug/L	04/03/25 09:15	04/03/25 16:59	SW6020	3010A
7440-43-9	Cadmium	0.34	U	1	0.34	1.00	ug/L	04/03/25 09:15	04/03/25 16:59	SW6020	3010A
7440-47-3	Chromium	0.47	J	1	0.21	2.00	ug/L	04/03/25 09:15	04/03/25 16:59	SW6020	3010A
7440-50-8	Copper	0.30	U	1	0.30	2.00	ug/L	04/03/25 09:15	04/03/25 16:59	SW6020	3010A
7439-89-6	Iron	5390		1	7.81	50.0	ug/L	04/03/25 09:15	04/03/25 16:59	SW6020	3010A
7439-92-1	Lead	0.21	U	1	0.21	1.00	ug/L	04/03/25 09:15	04/03/25 16:59	SW6020	3010A
7439-95-4	Magnesium	8440		1	19.5	500	ug/L	04/03/25 09:15	04/03/25 16:59	SW6020	3010A
7439-96-5	Manganese	597		1	0.43	1.00	ug/L	04/03/25 09:15	04/03/25 16:59	SW6020	3010A
7440-09-7	Potassium	6920	N	1	36.4	500	ug/L	04/03/25 09:15	04/03/25 16:59	SW6020	3010A
7782-49-2	Selenium	2.90	U	1	2.90	5.00	ug/L	04/03/25 09:15	04/03/25 16:59	SW6020	3010A
7440-23-5	Sodium	6890		1	128	500	ug/L	04/03/25 09:15	04/03/25 16:59	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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:	04/01/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/01/25
Client Sample ID:	IW-02-55-040125-FD	SDG No.:	Q1697
Lab Sample ID:	Q1697-04	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	70.8		1	1.94	20.0	ug/L	04/03/25 09:15	04/03/25 17:02	SW6020	3010A
7440-36-0	Antimony	0.11	U	1	0.11	2.00	ug/L	04/03/25 09:15	04/03/25 17:02	SW6020	3010A
7440-38-2	Arsenic	0.39	JN	1	0.089	1.00	ug/L	04/03/25 09:15	04/03/25 17:02	SW6020	3010A
7440-39-3	Barium	303		1	0.21	10.0	ug/L	04/03/25 09:15	04/03/25 17:02	SW6020	3010A
7440-41-7	Beryllium	0.32	U	1	0.32	1.00	ug/L	04/03/25 09:15	04/03/25 17:02	SW6020	3010A
7440-43-9	Cadmium	0.34	U	1	0.34	1.00	ug/L	04/03/25 09:15	04/03/25 17:02	SW6020	3010A
7440-47-3	Chromium	0.86	J	1	0.21	2.00	ug/L	04/03/25 09:15	04/03/25 17:02	SW6020	3010A
7440-50-8	Copper	0.30	U	1	0.30	2.00	ug/L	04/03/25 09:15	04/03/25 17:02	SW6020	3010A
7439-89-6	Iron	5440		1	7.81	50.0	ug/L	04/03/25 09:15	04/03/25 17:02	SW6020	3010A
7439-92-1	Lead	0.21	U	1	0.21	1.00	ug/L	04/03/25 09:15	04/03/25 17:02	SW6020	3010A
7439-95-4	Magnesium	8590		1	19.5	500	ug/L	04/03/25 09:15	04/03/25 17:02	SW6020	3010A
7439-96-5	Manganese	602		1	0.43	1.00	ug/L	04/03/25 09:15	04/03/25 17:02	SW6020	3010A
7440-09-7	Potassium	7150	N	1	36.4	500	ug/L	04/03/25 09:15	04/03/25 17:02	SW6020	3010A
7782-49-2	Selenium	2.90	U	1	2.90	5.00	ug/L	04/03/25 09:15	04/03/25 17:02	SW6020	3010A
7440-23-5	Sodium	6930		1	128	500	ug/L	04/03/25 09:15	04/03/25 17:02	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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:	04/01/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/01/25
Client Sample ID:	IW-03-55-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-05	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	70.4		1	1.94	20.0	ug/L	04/03/25 09:15	04/03/25 17:29	SW6020	3010A
7440-36-0	Antimony	0.11	U	1	0.11	2.00	ug/L	04/03/25 09:15	04/03/25 17:29	SW6020	3010A
7440-38-2	Arsenic	0.41	JN	1	0.089	1.00	ug/L	04/03/25 09:15	04/03/25 17:29	SW6020	3010A
7440-39-3	Barium	295		1	0.21	10.0	ug/L	04/03/25 09:15	04/03/25 17:29	SW6020	3010A
7440-41-7	Beryllium	0.32	U	1	0.32	1.00	ug/L	04/03/25 09:15	04/03/25 17:29	SW6020	3010A
7440-43-9	Cadmium	0.34	U	1	0.34	1.00	ug/L	04/03/25 09:15	04/03/25 17:29	SW6020	3010A
7440-47-3	Chromium	2.42		1	0.21	2.00	ug/L	04/03/25 09:15	04/03/25 17:29	SW6020	3010A
7440-50-8	Copper	0.30	U	1	0.30	2.00	ug/L	04/03/25 09:15	04/03/25 17:29	SW6020	3010A
7439-89-6	Iron	5960		1	7.81	50.0	ug/L	04/03/25 09:15	04/03/25 17:29	SW6020	3010A
7439-92-1	Lead	0.32	J	1	0.21	1.00	ug/L	04/03/25 09:15	04/03/25 17:29	SW6020	3010A
7439-95-4	Magnesium	8260		1	19.5	500	ug/L	04/03/25 09:15	04/03/25 17:29	SW6020	3010A
7439-96-5	Manganese	651		1	0.43	1.00	ug/L	04/03/25 09:15	04/03/25 17:29	SW6020	3010A
7440-09-7	Potassium	6810	N	1	36.4	500	ug/L	04/03/25 09:15	04/03/25 17:29	SW6020	3010A
7782-49-2	Selenium	2.90	U	1	2.90	5.00	ug/L	04/03/25 09:15	04/03/25 17:29	SW6020	3010A
7440-23-5	Sodium	6490		1	128	500	ug/L	04/03/25 09:15	04/03/25 17:29	SW6020	3010A

Color Before:	Brown	Clarity Before:	Clear	Texture:
Color After:	Light Brown	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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:	04/01/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/01/25
Client Sample ID:	MW-19B-72-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-13	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.
7439-89-6	Iron	11600	1	7.81		50.0	ug/L	04/03/25 09:15	04/03/25 17:32	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group3			

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:	04/01/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/01/25
Client Sample ID:	IW-01-55-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-14	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.
7439-89-6	Iron	5170	1	7.81		50.0	ug/L	04/03/25 09:15	04/03/25 17:35	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group3			

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:	04/01/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/01/25
Client Sample ID:	IW-02-55-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-15	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.
7439-89-6	Iron	5210	1	7.81		50.0	ug/L	04/03/25 09:15	04/03/25 17:38	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group3			

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:	04/01/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/01/25
Client Sample ID:	IW-02-55-040125-FD	SDG No.:	Q1697
Lab Sample ID:	Q1697-16	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.
7439-89-6	Iron	5210		1	7.81	50.0	ug/L	04/03/25 09:15	04/03/25 17:42	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group3			

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:	04/01/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/01/25
Client Sample ID:	IW-03-55-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-17	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.
7439-89-6	Iron	5760	1	7.81		50.0	ug/L	04/03/25 09:15	04/03/25 17:45	SW6020	3010A

Color Before:	Brown	Clarity Before:	Clear	Texture:
Color After:	Light Brown	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group3			

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:	Q1697	OrderDate:	4/2/2025 10:31:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	Location:	I31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1697-01	MW-19B-72-040125	Water	Metals Group4	6020B	04/01/25	04/03/25	04/03/25	04/01/25
Q1697-02	IW-01-55-040125	Water	Metals Group4	6020B	04/01/25	04/03/25	04/03/25	04/01/25
Q1697-03	IW-02-55-040125	Water	Metals Group4	6020B	04/01/25	04/03/25	04/03/25	04/01/25
Q1697-04	IW-02-55-040125-FD	Water	Metals Group4	6020B	04/01/25	04/03/25	04/03/25	04/01/25
Q1697-05	IW-03-55-040125	Water	Metals Group4	6020B	04/01/25	04/03/25	04/03/25	04/01/25
Q1697-13	MW-19B-72-040125	Water	Dissolved ICP-Group2	6020B	04/01/25	04/03/25	04/03/25	04/01/25
Q1697-14	IW-01-55-040125	Water	Dissolved ICP-Group2	6020B	04/01/25	04/03/25	04/03/25	04/01/25
Q1697-15	IW-02-55-040125	Water	Dissolved ICP-Group2	6020B	04/01/25	04/03/25	04/03/25	04/01/25
Q1697-16	IW-02-55-040125-FD	Water	Dissolved ICP-Group2	6020B	04/01/25	04/03/25	04/03/25	04/01/25
Q1697-17	IW-03-55-040125	Water	Dissolved ICP-Group2	6020B	04/01/25	04/03/25	04/03/25	04/01/25



SAMPLE DATA

A

B

C

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	04/01/25 12:15
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	04/01/25
Client Sample ID:	MW-19B-72-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	82.8		1	1.00	2.00	mg/L		04/02/25 15:27	SM 2320 B-11
Chloride	84.1	OR	1	0.19	0.60	mg/L		04/02/25 11:38	9056A
Nitrate	0.095	U	1	0.095	0.50	mg/L		04/02/25 11:38	9056A
Sulfate	6.60		1	0.46	3.00	mg/L		04/02/25 11:38	9056A
TDS	241		1	1.00	10.0	mg/L		04/02/25 12:30	SM 2540 C-15

Comments: The alkalinity to pH 4.41=82.8 mg CaCO₃/L

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:	04/01/25 12:15
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	04/01/25
Client Sample ID:	MW-19B-72-040125DL	SDG No.:	Q1697
Lab Sample ID:	Q1697-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	65.8	D	20	3.80	12.0	mg/L		04/02/25 14:09	9056A

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:	04/01/25 12:30
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	04/01/25
Client Sample ID:	IW-01-55-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	79.6		1	1.00	2.00	mg/L		04/02/25 15:36	SM 2320 B-11
Chloride	13.3	OR	1	0.19	0.60	mg/L		04/02/25 12:00	9056A
Nitrate	0.095	U	1	0.095	0.50	mg/L		04/02/25 12:00	9056A
Sulfate	12.7		1	0.46	3.00	mg/L		04/02/25 12:00	9056A
TDS	145		1	1.00	10.0	mg/L		04/02/25 12:30	SM 2540 C-15

Comments: The alkalinity to pH 4.32=79.6 mg CaCO₃/L

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:	04/01/25 12:30
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	04/01/25
Client Sample ID:	IW-01-55-040125DL	SDG No.:	Q1697
Lab Sample ID:	Q1697-02DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	12.1	D	5	0.95	3.00	mg/L		04/02/25 15:14	9056A

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:	04/01/25 15:05
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	04/01/25
Client Sample ID:	IW-02-55-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	83.3		1	1.00	2.00	mg/L		04/02/25 15:41	SM 2320 B-11
Chloride	13.7	OR	1	0.19	0.60	mg/L		04/02/25 12:21	9056A
Nitrate	0.095	U	1	0.095	0.50	mg/L		04/02/25 12:21	9056A
Sulfate	6.30		1	0.46	3.00	mg/L		04/02/25 12:21	9056A
TDS	167		1	1.00	10.0	mg/L		04/02/25 12:30	SM 2540 C-15

Comments: The alkalinity to pH 4.37=83.3 mg CaCO3/L

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:	04/01/25 15:05
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	04/01/25
Client Sample ID:	IW-02-55-040125DL	SDG No.:	Q1697
Lab Sample ID:	Q1697-03DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	13.0	D	5	0.95	3.00	mg/L		04/02/25 15:35	9056A

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:	04/01/25 15:10
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	04/01/25
Client Sample ID:	IW-02-55-040125-FD	SDG No.:	Q1697
Lab Sample ID:	Q1697-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	81.7		1	1.00	2.00	mg/L		04/02/25 15:45	SM 2320 B-11
Chloride	14.1	OR	1	0.19	0.60	mg/L		04/02/25 12:43	9056A
Nitrate	0.095	U	1	0.095	0.50	mg/L		04/02/25 12:43	9056A
Sulfate	6.30		1	0.46	3.00	mg/L		04/02/25 12:43	9056A
TDS	158		1	1.00	10.0	mg/L		04/02/25 12:30	SM 2540 C-15

Comments: The alkalinity to pH 4.35=81.7 mg CaCO3/L

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:	04/01/25 15:10
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	04/01/25
Client Sample ID:	IW-02-55-040125-FDDL	SDG No.:	Q1697
Lab Sample ID:	Q1697-04DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	12.9	D	5	0.95	3.00	mg/L		04/02/25 15:57	9056A

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:	04/01/25 15:30
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	04/01/25
Client Sample ID:	IW-03-55-040125	SDG No.:	Q1697
Lab Sample ID:	Q1697-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	80.7		1	1.00	2.00	mg/L		04/02/25 15:49	SM 2320 B-11
Chloride	13.7	OR	1	0.19	0.60	mg/L		04/02/25 13:05	9056A
Nitrate	0.095	U	1	0.095	0.50	mg/L		04/02/25 13:05	9056A
Sulfate	3.60		1	0.46	3.00	mg/L		04/02/25 13:05	9056A
TDS	87.0		1	1.00	10.0	mg/L		04/02/25 12:30	SM 2540 C-15

Comments: The alkalinity to pH 4.34=80.7 mg CaCO₃/L

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:	04/01/25 15:30
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	04/01/25
Client Sample ID:	IW-03-55-040125DL	SDG No.:	Q1697
Lab Sample ID:	Q1697-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	12.5	D	5	0.95	3.00	mg/L		04/02/25 16:18	9056A

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:	Q1697	OrderDate:	4/2/2025 10:31:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger STC PTC Site # D3868221
Contact:	John Ynfante	Location:	I31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1697-01	MW-19B-72-040125	WATER			04/01/25 12:15			04/01/25
			Alkalinity	SM2320 B			04/02/25 15:27	
			Anions Group1	9056A			04/02/25 11:38	
			TDS	SM2540 C			04/02/25 12:30	
Q1697-01DL	MW-19B-72-040125D L	WATER			04/01/25 12:15			04/01/25
			Anions Group1	9056A			04/02/25 14:09	
Q1697-02	IW-01-55-040125	WATER			04/01/25 12:30			04/01/25
			Alkalinity	SM2320 B			04/02/25 15:36	
			Anions Group1	9056A			04/02/25 12:00	
			TDS	SM2540 C			04/02/25 12:30	
Q1697-02DL	IW-01-55-040125DL	WATER			04/01/25 12:30			04/01/25
			Anions Group1	9056A			04/02/25 15:14	
Q1697-03	IW-02-55-040125	WATER			04/01/25 15:05			04/01/25
			Alkalinity	SM2320 B			04/02/25 15:41	

LAB CHRONICLE

			Anions Group1	9056A	04/02/25 12:21		
			TDS	SM2540 C	04/02/25 12:30		
Q1697-03DL	IW-02-55-040125DL	WATER			04/01/25 15:05		04/01/25
			Anions Group1	9056A	04/02/25 15:35		
Q1697-04	IW-02-55-040125-FD	WATER			04/01/25 15:10		04/01/25
			Alkalinity	SM2320 B	04/02/25 15:45		
			Anions Group1	9056A	04/02/25 12:43		
			TDS	SM2540 C	04/02/25 12:30		
Q1697-04DL	IW-02-55-040125-FD DL	WATER			04/01/25 15:10		04/01/25
			Anions Group1	9056A	04/02/25 15:57		
Q1697-05	IW-03-55-040125	WATER			04/01/25 15:30		04/01/25
			Alkalinity	SM2320 B	04/02/25 15:49		
			Anions Group1	9056A	04/02/25 13:05		
			TDS	SM2540 C	04/02/25 12:30		
Q1697-05DL	IW-03-55-040125DL	WATER			04/01/25 15:30		04/01/25
			Anions Group1	9056A	04/02/25 16:18		