SAMPLE DATA

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/11/25 11:45
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/11/25
Client Sample ID:	MW-18B-57.5-121125	SDG No.:	Q3849
Lab Sample ID:	Q3849-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	25.6		1	1.00	2.00	mg/L		12/16/25 13:35	SM 2320 B-21
Chloride	19.2	OR	1	0.19	0.60	mg/L		12/12/25 11:56	9056A
Nitrate	0.095	U	1	0.095	0.50	mg/L		12/12/25 11:56	9056A
Sulfate	130	OR	1	0.46	3.00	mg/L		12/12/25 11:56	9056A
TDS	295		1	1.00	10.0	mg/L		12/12/25 13:30	SM 2540 C-20

Comments: The alkalinity to pH 4.32=25.6 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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/11/25 11:45
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/11/25
Client Sample ID:	MW-18B-57.5-121125DL	SDG No.:	Q3849
Lab Sample ID:	Q3849-03DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	17.5	D	5	0.95	3.00	mg/L		12/12/25 13:44	9056A
Sulfate	114	D	5	2.30	15.0	mg/L		12/12/25 13:44	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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/11/25 11:50
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/11/25
Client Sample ID:	MW-18B-57.5-121125-FD	SDG No.:	Q3849
Lab Sample ID:	Q3849-05	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		12/16/25 13:42	SM 2320 B-21
Chloride	19.2	OR	1	0.19	0.60	mg/L		12/12/25 12:18	9056A
Nitrate	0.095	U	1	0.095	0.50	mg/L		12/12/25 12:18	9056A
Sulfate	98.9	OR	1	0.46	3.00	mg/L		12/12/25 12:18	9056A
TDS	276		1	1.00	10.0	mg/L		12/12/25 13:30	SM 2540 C-20

Comments: The alkalinity to pH 4.37=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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/11/25 11:50
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/11/25
Client Sample ID:	MW-18B-57.5-121125-FDDL	SDG No.:	Q3849
Lab Sample ID:	Q3849-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	17.5	D	5	0.95	3.00	mg/L		12/12/25 14:06	9056A
Sulfate	89.5	D	5	2.30	15.0	mg/L		12/12/25 14:06	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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/11/25 15:45
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/11/25
Client Sample ID:	MW-19B-71.5-121125	SDG No.:	Q3849
Lab Sample ID:	Q3849-09	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	66.4		1	1.00	2.00	mg/L		12/16/25 13:58	SM 2320 B-21
Chloride	37.2	OR	1	0.19	0.60	mg/L		12/12/25 12:40	9056A
Nitrate	0.15	J	1	0.095	0.50	mg/L		12/12/25 12:40	9056A
Sulfate	79.6	OR	1	0.46	3.00	mg/L		12/12/25 12:40	9056A
TDS	274		1	1.00	10.0	mg/L		12/12/25 13:30	SM 2540 C-20

Comments: The alkalinity to pH 4.28=66.4 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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/11/25 15:45
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/11/25
Client Sample ID:	MW-19B-71.5-121125DL	SDG No.:	Q3849
Lab Sample ID:	Q3849-09DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	31.9	D	10	1.90	6.00	mg/L		12/12/25 14:54	9056A
Sulfate	74.6	D	10	4.60	30.0	mg/L		12/12/25 14:54	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

QC RESULT SUMMARY

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

Initial and Continuing Calibration Verification

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q3849

Project: Former Schlumberger STC PTC Site D3868221 **RunNo.:** LB138212

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	10.1	10	101	90-110	12/01/2025
Chloride	mg/L	3	3	100	90-110	12/01/2025
Fluoride	mg/L	2	2	100	90-110	12/01/2025
Nitrite	mg/L	3	3	100	90-110	12/01/2025
Nitrate	mg/L	2.5	2.5	100	90-110	12/01/2025
Sulfate	mg/L	14.9	15	99	90-110	12/01/2025
Orthophosphate as P	mg/L	5.4	5	108	90-110	12/01/2025
Sample ID: CCV1						
Bromide	mg/L	10.3	10	103	90-110	12/12/2025
Chloride	mg/L	3.1	3	103	90-110	12/12/2025
Fluoride	mg/L	2	2	100	90-110	12/12/2025
Nitrite	mg/L	3.1	3	103	90-110	12/12/2025
Nitrate	mg/L	2.6	2.5	104	90-110	12/12/2025
Sulfate	mg/L	15.1	15	101	90-110	12/12/2025
Orthophosphate as P	mg/L	5.4	5	108	90-110	12/12/2025
Sample ID: CCV2						
Bromide	mg/L	9.2	10	92	90-110	12/12/2025
Chloride	mg/L	2.8	3	93	90-110	12/12/2025
Fluoride	mg/L	1.8	2	90	90-110	12/12/2025
Nitrite	mg/L	2.8	3	93	90-110	12/12/2025
Nitrate	mg/L	2.3	2.5	92	90-110	12/12/2025
Sulfate	mg/L	13.7	15	91	90-110	12/12/2025
Orthophosphate as P	mg/L	4.9	5	98	90-110	12/12/2025
Sample ID: CCV3						
Bromide	mg/L	9.9	10	99	90-110	12/12/2025
Chloride	mg/L	3	3	100	90-110	12/12/2025
Fluoride	mg/L	2	2	100	90-110	12/12/2025
Nitrite	mg/L	3	3	100	90-110	12/12/2025
Nitrate	mg/L	2.5	2.5	100	90-110	12/12/2025
Sulfate	mg/L	14.6	15	97	90-110	12/12/2025
Orthophosphate as P	mg/L	5.4	5	108	90-110	12/12/2025

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

Initial and Continuing Calibration Blank Summary

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q3849

Project: Former Schlumberger STC PTC Site D3868221 **RunNo.:** LB138212

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	12/01/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	12/01/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	12/01/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	12/01/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	12/01/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	12/01/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	12/01/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	12/12/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	12/12/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	12/12/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	12/12/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	12/12/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	12/12/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	12/12/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	12/12/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	12/12/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	12/12/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	12/12/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	12/12/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	12/12/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	12/12/2025
Sample ID: CCB3							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	12/12/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	12/12/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	12/12/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	12/12/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	12/12/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	12/12/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	12/12/2025

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

Preparation Blank Summary

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q3849

Project: Former Schlumberger STC PTC Site D3868221

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB138212BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	12/12/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	12/12/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	12/12/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	12/12/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	12/12/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	12/12/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	12/12/2025
Sample ID: LB138213BL							
TDS	mg/L	< 5.0000	5.0000	U	1.0	10	12/12/2025
Sample ID: LB138239BLW							
Alkalinity	mg/L	< 1.0000	1.0000	U	1	2	12/16/2025

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

Matrix Spike Summary

Client: JACOBS Engineering Group, Inc.
SDG No.: Q3849
Project: Former Schlumberger STC PTC Site D3868221
Sample ID: Q3849-09
Client ID: MW-19B-71.5-121125MS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	10.5		0.37	U	10	1	105		12/12/2025
Chloride	mg/L	80-120	39.1	OR	37.2	OR	3	1	63	*	12/12/2025
Fluoride	mg/L	80-120	2.40		0.20	J	2	1	110		12/12/2025
Nitrite	mg/L	80-120	3.10		0.074	U	3	1	103		12/12/2025
Nitrate	mg/L	80-120	2.60		0.15	J	2.5	1	98		12/12/2025
Sulfate	mg/L	80-120	93.1	OR	79.6	OR	15	1	90		12/12/2025
Orthophosphate as P	mg/L	80-120	1.70		0.34	U	5	1	34	*	12/12/2025

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

Matrix Spike Summary

Client: JACOBS Engineering Group, Inc.
SDG No.: Q3849
Project: Former Schlumberger STC PTC Site D3868221
Sample ID: Q3849-09
Client ID: MW-19B-71.5-121125MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	10.2		0.37	U	10	1	102		12/12/2025
Chloride	mg/L	80-120	39.1	OR	37.2	OR	3	1	63	*	12/12/2025
Fluoride	mg/L	80-120	2.40		0.20	J	2	1	110		12/12/2025
Nitrite	mg/L	80-120	3.00		0.074	U	3	1	100		12/12/2025
Nitrate	mg/L	80-120	2.60		0.15	J	2.5	1	98		12/12/2025
Sulfate	mg/L	80-120	93.0	OR	79.6	OR	15	1	89		12/12/2025
Orthophosphate as P	mg/L	80-120	1.60		0.34	U	5	1	32	*	12/12/2025

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

Matrix Spike Summary

Client: JACOBS Engineering Group, Inc.
SDG No.: Q3849
Project: Former Schlumberger STC PTC Site D3868221
Sample ID: Q3863-01
Client ID: MW-17B-55-121225MS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	9.90		0.37	U	10	1	99		12/12/2025
Chloride	mg/L	80-120	24.0	OR	21.7	OR	3	1	77	*	12/12/2025
Fluoride	mg/L	80-120	2.30		0.21	J	2	1	104		12/12/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		12/12/2025
Nitrate	mg/L	80-120	2.40		0.095	U	2.5	1	96		12/12/2025
Sulfate	mg/L	80-120	38.5	OR	24.3		15	1	95		12/12/2025
Orthophosphate as P	mg/L	80-120	4.30		0.34	U	5	1	86		12/12/2025

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

Matrix Spike Summary

Client: JACOBS Engineering Group, Inc.
SDG No.: Q3849
Project: Former Schlumberger STC PTC Site D3868221
Sample ID: Q3863-01
Client ID: MW-17B-55-121225MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	9.80		0.37	U	10	1	98		12/12/2025
Chloride	mg/L	80-120	23.9	OR	21.7	OR	3	1	73	*	12/12/2025
Fluoride	mg/L	80-120	2.30		0.21	J	2	1	104		12/12/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		12/12/2025
Nitrate	mg/L	80-120	2.40		0.095	U	2.5	1	96		12/12/2025
Sulfate	mg/L	80-120	38.2	OR	24.3		15	1	93		12/12/2025
Orthophosphate as P	mg/L	80-120	3.00		0.34	U	5	1	60	*	12/12/2025

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

Duplicate Sample Summary

Client: JACOBS Engineering Group, Inc.
SDG No.: Q3849
Project: Former Schlumberger STC PTC Site D3868221
Sample ID: Q3849-05
Client ID: MW-18B-57.5-121125-FDDUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Alkalinity	mg/L	+/-20	82.8		84.6		1	2		12/16/2025

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

Duplicate Sample Summary

Client: JACOBS Engineering Group, Inc.
SDG No.: Q3849
Project: Former Schlumberger STC PTC Site D3868221
Sample ID: Q3849-09
Client ID: MW-19B-71.5-121125DUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TDS	mg/L	+/-5	274		277		1	1.09		12/12/2025

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

Duplicate Sample Summary

Client: JACOBS Engineering Group, Inc.
SDG No.: Q3849
Project: Former Schlumberger STC PTC Site D3868221
Sample ID: Q3849-09
Client ID: MW-19B-71.5-121125MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Fluoride	mg/L	+/-15	2.40		2.40		1	0		12/12/2025
Nitrate	mg/L	+/-15	2.60		2.60		1	0		12/12/2025
Chloride	mg/L	+/-15	39.1	OR	39.1	OR	1	0		12/12/2025
Sulfate	mg/L	+/-15	93.1	OR	93.0	OR	1	0		12/12/2025
Bromide	mg/L	+/-15	10.5		10.2		1	3		12/12/2025
Nitrite	mg/L	+/-15	3.10		3.00		1	3		12/12/2025
Orthophosphate as P	mg/L	+/-15	1.70		1.60		1	6		12/12/2025

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

Duplicate Sample Summary

Client: JACOBS Engineering Group, Inc.
SDG No.: Q3849
Project: Former Schlumberger STC PTC Site D3868221
Sample ID: Q3863-01
Client ID: MW-17B-55-121225MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Fluoride	mg/L	+/-15	2.30		2.30		1	0		12/12/2025
Nitrate	mg/L	+/-15	2.40		2.40		1	0		12/12/2025
Nitrite	mg/L	+/-15	2.90		2.90		1	0		12/12/2025
Chloride	mg/L	+/-15	24.0	OR	23.9	OR	1	0		12/12/2025
Bromide	mg/L	+/-15	9.90		9.80		1	1		12/12/2025
Sulfate	mg/L	+/-15	38.5	OR	38.2	OR	1	1		12/12/2025
Orthophosphate as P	mg/L	+/-15	4.30		3.00		1	36	*	12/12/2025

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

Laboratory Control Sample Summary

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q3849

Project: Former Schlumberger STC PTC Site D3868221 **Run No.:** LB138212

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB138212BSW								
Bromide	mg/L	10	10.1		101	1	90-110	12/12/2025
Chloride	mg/L	3	3.00		100	1	90-110	12/12/2025
Fluoride	mg/L	2	2.00		100	1	90-110	12/12/2025
Nitrite	mg/L	3	3.00		100	1	90-110	12/12/2025
Nitrate	mg/L	2.5	2.50		100	1	90-110	12/12/2025
Sulfate	mg/L	15	14.9		99	1	90-110	12/12/2025
Orthophosphate as P	mg/L	5	5.40		108	1	90-110	12/12/2025

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

Laboratory Control Sample Summary

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q3849

Project: Former Schlumberger STC PTC Site D3868221 **Run No.:** LB138213

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB138213BS								
TDS	mg/L	100	100		100	1	90-110	12/12/2025

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

Laboratory Control Sample Summary

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q3849

Project: Former Schlumberger STC PTC Site D3868221 **Run No.:** LB138239

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB138239BSW								
Alkalinity	mg/L	50	48.3		97	1	80-120	12/16/2025

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

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB138212

Review By	rubina	Review On	12/15/2025 2:07:06 PM
Supervise By	Iwona	Supervise On	12/15/2025 2:50:51 PM
SubDirectory	LB138212	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP115865,WP115866,WP115867,WP115868,WP115869,WP115870,WP115871
ICV Standard	WP115872
CCV Standard	WP116106
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP116107
Chk Standard	WP115873,WP115874

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	12/01/25 11:48	All standards, samples, and	RM/IZ	OK
2	STD2	STD2	CAL2	12/01/25 12:09	QC are filtered through	RM/IZ	OK
3	STD3	STD3	CAL3	12/01/25 12:52	0.45um, filter lot W3160	RM/IZ	OK
4	STD4	STD4	CAL4	12/01/25 13:13		RM/IZ	OK
5	STD5	STD5	CAL5	12/01/25 13:35		RM/IZ	OK
6	STD6	STD6	CAL6	12/01/25 13:57		RM/IZ	OK
7	STD7	STD7	CAL7	12/01/25 14:18		RM/IZ	OK
8	ICV1	ICV1	ICV	12/01/25 14:40		RM/IZ	OK
9	ICB1	ICB1	ICB	12/01/25 14:58		RM/IZ	OK
10	CCV1	CCV1	CCV	12/12/25 10:30		RM/IZ	OK
11	CCB1	CCB1	CCB	12/12/25 10:52		RM/IZ	OK
12	LB138212BLW	LB138212BLW	MB	12/12/25 11:14		RM/IZ	OK
13	LB138212BSW	LB138212BSW	LCS	12/12/25 11:35		RM/IZ	OK
14	Q3849-03	MW-18B-57.5-121125	SAM	12/12/25 11:56	Cl, SO4 is high, need dilution	RM/IZ	Dilution
15	Q3849-05	MW-18B-57.5-121125	SAM	12/12/25 12:18	Cl, SO4 is high, need dilution	RM/IZ	Dilution
16	Q3849-09	MW-19B-71.5-121125	SAM	12/12/25 12:40	Cl, SO4 is high, need dilution	RM/IZ	Dilution
17	Q3849-09MS	MW-19B-71.5-121125	MS	12/12/25 13:01	9.5ml of sample, 0.5mL W3096	RM/IZ	OK

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

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB138212

Review By	rubina	Review On	12/15/2025 2:07:06 PM
Supervise By	Iwona	Supervise On	12/15/2025 2:50:51 PM
SubDirectory	LB138212	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP115865,WP115866,WP115867,WP115868,WP115869,WP115870,WP115871
ICV Standard	WP115872
CCV Standard	WP116106
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP116107
Chk Standard	WP115873,WP115874

18	Q3849-09MSD	MW-19B-71.5-121125	MSD	12/12/25 13:23	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
19	Q3849-03DL	MW-18B-57.5-121125	SAM	12/12/25 13:44	5X For Cl, SO4	RM/IZ	Confirms
20	Q3849-05DL	MW-18B-57.5-121125	SAM	12/12/25 14:06	5X For Cl, SO4	RM/IZ	Confirms
21	Q3849-09DL	MW-19B-71.5-121125	SAM	12/12/25 14:54	10X For Cl, SO4	RM/IZ	Confirms
22	CCV2	CCV2	CCV	12/12/25 15:59		RM/IZ	OK
23	CCB2	CCB2	CCB	12/12/25 16:21		RM/IZ	OK
24	Q3863-01	MW-17B-55-121225	SAM	12/12/25 16:43	Cl is high, need dilution	RM/IZ	Dilution
25	Q3863-02MS	MW-17B-55-121225-M	MS	12/12/25 17:04	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
26	Q3863-03MSD	MW-17B-55-121225-M	MSD	12/12/25 17:58	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
27	Q3863-10	EB01-121225	SAM	12/12/25 18:19		RM/IZ	OK
28	Q3863-01DL	MW-17B-55-121225D	SAM	12/12/25 18:41	5X For Cl	RM/IZ	Confirms
29	CCV3	CCV3	CCV	12/12/25 19:02		RM/IZ	OK
30	CCB3	CCB3	CCB	12/12/25 20:50		RM/IZ	OK

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

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QCBatch ID # LB138213

Review By	jignesh	Review On	12/15/2025 12:07:40 PM
Supervise By	Iwona	Supervise On	12/15/2025 12:31:17 PM
SubDirectory	LB138213	Test	TDS

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	N/A

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB138213BL	LB138213BL	MB	12/12/25 13:30		jignesh	OK
2	LB138213BS	LB138213BS	LCS	12/12/25 13:30	WP116122	jignesh	OK
3	Q3849-03	MW-18B-57.5-121125	SAM	12/12/25 13:30		jignesh	OK
4	Q3849-05	MW-18B-57.5-121125	SAM	12/12/25 13:30		jignesh	OK
5	Q3849-09	MW-19B-71.5-121125	SAM	12/12/25 13:30		jignesh	OK
6	Q3849-09DUP	MW-19B-71.5-121125	DUP	12/12/25 13:30		jignesh	OK
7	Q3863-01	MW-17B-55-121225	SAM	12/12/25 13:30		jignesh	OK
8	Q3863-10	EB01-121225	SAM	12/12/25 13:30		jignesh	OK

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

Instrument ID: TITRATOR

Daily Analysis Runlog For Sequence/QCBatch ID # LB138239

Review By	rubina	Review On	12/17/2025 12:59:33 PM
Supervise By	Iwona	Supervise On	12/17/2025 12:59:57 PM
SubDirectory	LB138239	Test	Alkalinity

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP116138
Chk Standard	W3217,W3264,W3150

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB138239BLW	LB138239BLW	MB	12/16/25 13:25	pH=4.48	Eman	OK
2	LB138239BSW	LB138239BSW	LCS	12/16/25 13:31	pH=4.54	Eman	OK
3	Q3849-03	MW-18B-57.5-121125	SAM	12/16/25 13:35	pH=4.32	Eman	OK
4	Q3849-05	MW-18B-57.5-121125	SAM	12/16/25 13:42	pH=4.37	Eman	OK
5	Q3849-05DUP	MW-18B-57.5-121125	DUP	12/16/25 13:50	pH=4.35	Eman	OK
6	Q3849-09	MW-19B-71.5-121125	SAM	12/16/25 13:58	pH=4.28	Eman	OK
7	Q3863-01	MW-17B-55-121225	SAM	12/16/25 14:02	pH=4.48	Eman	OK
8	Q3863-10	EB01-121225	SAM	12/16/25 14:09	pH=4.43	Eman	OK

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

LAB CHRONICLE

OrderID:	Q3849	**OrderDate:**	12/12/2025 8:39:00 AM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	**Location:**	G11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3849-03	**MW-18B-57.5-121125**	**WATER**			**12/11/25 11:45**			**12/11/25**
			Alkalinity	SM2320 B			12/16/25 13:35	
			Anions Group1	9056A			12/12/25 11:56	
			TDS	SM2540 C			12/12/25 13:30	
Q3849-03DL	**MW-18B-57.5-121125 DL**	**WATER**			**12/11/25 11:45**			**12/11/25**
			Anions Group1	9056A			12/12/25 13:44	
Q3849-05	**MW-18B-57.5-121125 -FD**	**WATER**			**12/11/25 11:50**			**12/11/25**
			Alkalinity	SM2320 B			12/16/25 13:42	
			Anions Group1	9056A			12/12/25 12:18	
			TDS	SM2540 C			12/12/25 13:30	
Q3849-05DL	**MW-18B-57.5-121125 -FDDL**	**WATER**			**12/11/25 11:50**			**12/11/25**
			Anions Group1	9056A			12/12/25 14:06	
Q3849-09	**MW-19B-71.5-121125**	**WATER**			**12/11/25 15:45**			**12/11/25**
			Alkalinity	SM2320 B			12/16/25 13:58	

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

LAB CHRONICLE

			Anions Group1	9056A		12/12/25 12:40	
			TDS	SM2540 C		12/12/25 13:30	
Q3849-09DL	**MW-19B-71.5-121125 DL**	**WATER**			**12/11/25 15:45**		**12/11/25**
			Anions Group1	9056A		12/12/25 14:54	