



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 11:35
Project:	DPW	Date Received:	10/02/25
Client Sample ID:	MW10	SDG No.:	Q3278
Lab Sample ID:	Q3278-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrate	0.095	U	1	0.095	0.50	mg/L		10/03/25 12:47	300.0
Sulfate	0.88	J	1	0.46	3.00	mg/L		10/03/25 12:47	300.0

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

Initial and Continuing Calibration Verification

Client: G Environmental

SDG No.: Q3278

Project: DPW

RunNo.: LB137410

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	10	10	100	90-110	09/09/2025
Chloride	mg/L	3	3	100	90-110	09/09/2025
Fluoride	mg/L	2	2	100	90-110	09/09/2025
Nitrite	mg/L	3	3	100	90-110	09/09/2025
Nitrate	mg/L	2.5	2.5	100	90-110	09/09/2025
Sulfate	mg/L	14.8	15	99	90-110	09/09/2025
Orthophosphate as P	mg/L	5	5	100	90-110	09/09/2025
Sample ID: CCV1						
Bromide	mg/L	9.9	10	99	90-110	10/03/2025
Chloride	mg/L	2.9	3	97	90-110	10/03/2025
Fluoride	mg/L	2	2	100	90-110	10/03/2025
Nitrite	mg/L	3	3	100	90-110	10/03/2025
Nitrate	mg/L	2.4	2.5	96	90-110	10/03/2025
Sulfate	mg/L	14.8	15	99	90-110	10/03/2025
Orthophosphate as P	mg/L	4.5	5	90	90-110	10/03/2025
Sample ID: CCV2						
Bromide	mg/L	10	10	100	90-110	10/03/2025
Chloride	mg/L	3	3	100	90-110	10/03/2025
Fluoride	mg/L	2	2	100	90-110	10/03/2025
Nitrite	mg/L	3	3	100	90-110	10/03/2025
Nitrate	mg/L	2.4	2.5	96	90-110	10/03/2025
Sulfate	mg/L	14.9	15	99	90-110	10/03/2025
Orthophosphate as P	mg/L	5.1	5	102	90-110	10/03/2025
Sample ID: CCV3						
Bromide	mg/L	9.9	10	99	90-110	10/03/2025
Chloride	mg/L	2.9	3	97	90-110	10/03/2025
Fluoride	mg/L	2	2	100	90-110	10/03/2025
Nitrite	mg/L	3	3	100	90-110	10/03/2025
Nitrate	mg/L	2.4	2.5	96	90-110	10/03/2025
Sulfate	mg/L	14.8	15	99	90-110	10/03/2025
Orthophosphate as P	mg/L	4.8	5	96	90-110	10/03/2025

Initial and Continuing Calibration Blank Summary

Client: G Environmental

SDG No.: Q3278

Project: DPW

RunNo.: LB137410

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	09/09/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/09/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/09/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/09/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/09/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/09/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/09/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/03/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/03/2025
Sample ID: CCB3							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/03/2025

Preparation Blank Summary

Client: G Environmental

SDG No.: Q3278

Project: DPW

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137410BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/03/2025

Matrix Spike Summary

Client:	G Environmental	SDG No.:	Q3278
Project:	DPW	Sample ID:	Q3275-04
Client ID:	MW1MS	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	10.3		0.37	U	10	1	103		10/03/2025
Chloride	mg/L	80-120	1180	OR	1240	OR	3	1	-2000	*	10/03/2025
Fluoride	mg/L	80-120	2.30		0.22	J	2	1	104		10/03/2025
Nitrite	mg/L	80-120	3.00		0.074	U	3	1	100		10/03/2025
Nitrate	mg/L	80-120	2.50		0.095	U	2.5	1	100		10/03/2025
Sulfate	mg/L	80-120	37.7	OR	23.2		15	1	97		10/03/2025
Orthophosphate as P	mg/L	80-120	4.80		0.34	U	5	1	96		10/03/2025

Matrix Spike Summary

Client:	G Environmental	SDG No.:	Q3278
Project:	DPW	Sample ID:	Q3275-04
Client ID:	MW1MSD	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	OR	0.37	U	10	1	98		10/03/2025
Chloride	mg/L	80-120	1180		1240	OR	3	1	-2000	*	10/03/2025
Fluoride	mg/L	80-120	2.10		0.22	J	2	1	94		10/03/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		10/03/2025
Nitrate	mg/L	80-120	2.40		0.095	U	2.5	1	96		10/03/2025
Sulfate	mg/L	80-120	37.1		23.2		15	1	93		10/03/2025
Orthophosphate as P	mg/L	80-120	4.40		0.34	U	5	1	88		10/03/2025

Duplicate Sample Summary

Client:	G Environmental	SDG No.:	Q3278
Project:	DPW	Sample ID:	Q3275-04
Client ID:	MW1MSD	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
Chloride	mg/L	+/-20	1180	OR	1180	OR	1	0		10/03/2025
Sulfate	mg/L	+/-20	37.7	OR	37.1		1	2		10/03/2025
Nitrite	mg/L	+/-20	3.00		2.90		1	3		10/03/2025
Nitrate	mg/L	+/-20	2.50		2.40		1	4		10/03/2025
Bromide	mg/L	+/-20	10.3		9.80		1	5		10/03/2025
Fluoride	mg/L	+/-20	2.30		2.10		1	9		10/03/2025
Orthophosphate as P	mg/L	+/-20	4.80		4.40		1	9		10/03/2025

Laboratory Control Sample Summary

Client: G Environmental

SDG No.: Q3278

Project: DPW

Run No.: LB137410

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137410BSW							
Bromide	mg/L	10	9.90		99	1	90-110	10/03/2025
Chloride	mg/L	3	2.90		97	1	90-110	10/03/2025
Fluoride	mg/L	2	2.00		100	1	90-110	10/03/2025
Nitrite	mg/L	3	3.00		100	1	90-110	10/03/2025
Nitrate	mg/L	2.5	2.40		96	1	90-110	10/03/2025
Sulfate	mg/L	15	14.8		99	1	90-110	10/03/2025
Orthophosphate as P	mg/L	5	4.60		92	1	90-110	10/03/2025

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137410

Review By	rubina	Review On	10/7/2025 8:23:35 AM
Supervise By	Iwona	Supervise On	10/7/2025 9:31:32 AM
SubDirectory	LB137410	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP114677,WP114678,WP114679,WP114680,WP114681,WP114682,WP114683		
ICV Standard	WP114684		
CCV Standard	WP115067		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115068		
Chk Standard	WP114685,WP114686		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	09/09/25 10:21	All standards, samples, and	RM/IZ	OK
2	STD2	STD2	CAL2	09/09/25 10:42	QC are filtered through	RM/IZ	OK
3	STD3	STD3	CAL3	09/09/25 11:25	0.45um, filter lot W3160	RM/IZ	OK
4	STD4	STD4	CAL4	09/09/25 11:47		RM/IZ	OK
5	STD5	STD5	CAL5	09/09/25 13:36		RM/IZ	OK
6	STD6	STD6	CAL6	09/09/25 13:58		RM/IZ	OK
7	STD7	STD7	CAL7	09/09/25 14:41		RM/IZ	OK
8	ICV1	ICV1	ICV	09/09/25 15:02		RM/IZ	OK
9	ICB1	ICB1	ICB	09/09/25 15:45		RM/IZ	OK
10	CCV1	CCV1	CCV	10/03/25 09:11		RM/IZ	OK
11	CCB1	CCB1	CCB	10/03/25 09:33		RM/IZ	OK
12	LB137410BLW	LB137410BLW	MB	10/03/25 09:54		RM/IZ	OK
13	LB137410BSW	LB137410BSW	LCS	10/03/25 10:16		RM/IZ	OK
14	Q3275-01	MW3	SAM	10/03/25 10:37	Cl is high, need dilution	RM/IZ	Dilution
15	Q3275-02	MW4	SAM	10/03/25 10:59	Cl is high, need dilution	RM/IZ	Dilution
16	Q3275-03	MW5	SAM	10/03/25 11:21	Cl is high, need dilution	RM/IZ	Dilution
17	Q3275-04	MW1	SAM	10/03/25 11:42	Cl is high, need dilution	RM/IZ	Dilution
18	Q3275-04MS	MW1MS	MS	10/03/25 12:04	9.5ml of sample, 0.5mL W3096	RM/IZ	OK

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137410

Review By	rubina	Review On	10/7/2025 8:23:35 AM
Supervise By	Iwona	Supervise On	10/7/2025 9:31:32 AM
SubDirectory	LB137410	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP114677,WP114678,WP114679,WP114680,WP114681,WP114682,WP114683		
ICV Standard	WP114684		
CCV Standard	WP115067		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115068		
Chk Standard	WP114685,WP114686		

19	Q3275-04MSD	MW1MSD	MSD	10/03/25 12:25	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
20	Q3278-01	MW10	SAM	10/03/25 12:47		RM/IZ	OK
21	CCV2	CCV2	CCV	10/03/25 13:08		RM/IZ	OK
22	CCB2	CCB2	CCB	10/03/25 13:30		RM/IZ	OK
23	Q3275-01DL	MW3DL	SAM	10/03/25 13:51	100X for CI	RM/IZ	Confirms
24	Q3275-02DL	MW4DL	SAM	10/03/25 14:13	100X for CI	RM/IZ	OK
25	Q3275-03DL	MW5DL	SAM	10/03/25 14:36	500X For cl still High	RM/IZ	Dilution
26	Q3275-04DL	MW1DL	SAM	10/03/25 15:00	200X For CI	RM/IZ	Confirms
27	Q3275-03DL2	MW5DL2	SAM	10/03/25 15:21	5000X For CI	RM/IZ	Confirms
28	CCV3	CCV3	CCV	10/03/25 15:43		RM/IZ	OK
29	CCB3	CCB3	CCB	10/03/25 16:04		RM/IZ	OK



LAB CHRONICLE

OrderID:	Q3278	OrderDate:	10/2/2025 3:52:00 PM
Client:	G Environmental	Project:	DPW
Contact:	Gary Landis	Location:	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3278-01	MW10	WATER	Anions Group1	300.0	10/02/25 11:35		10/03/25 12:47	10/02/25