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Hit Summary Sheet
SW-846

SDG No.: Q3737 **Order ID:** Q3737

Client: G Environmental **Project ID:** Buff

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW3								
Q3737-01	MW3	Water	Iron	7020		11.7	50.0	ug/L
Q3737-01	MW3	Water	Manganese	259		2.97	10.0	ug/L
Q3737-01	MW3	Water	Sodium	221000		434	1000	ug/L
Client ID : MW4								
Q3737-02	MW4	Water	Iron	3700		11.7	50.0	ug/L
Q3737-02	MW4	Water	Manganese	587		2.97	10.0	ug/L
Q3737-02	MW4	Water	Sodium	420000		434	1000	ug/L

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	11/25/25
Project:	Buff	Date Received:	11/26/25
Client Sample ID:	MW3	SDG No.:	Q3737
Lab Sample ID:	Q3737-01	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.
7439-89-6	Iron	7020		1	11.7	50.0	ug/L	12/01/25 11:20	12/01/25 18:42	6010D	M3010A
7439-96-5	Manganese	259		1	2.97	10.0	ug/L	12/01/25 11:20	12/01/25 18:42	6010D	M3010A
7440-23-5	Sodium	221000		1	434	1000	ug/L	12/01/25 11:20	12/01/25 18:42	6010D	M3010A

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

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

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Report of Analysis

Client:	G Environmental	Date Collected:	11/25/25
Project:	Buff	Date Received:	11/26/25
Client Sample ID:	MW4	SDG No.:	Q3737
Lab Sample ID:	Q3737-02	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.
7439-89-6	Iron	3700		1	11.7	50.0	ug/L	12/01/25 11:20	12/01/25 18:46	6010D	M3010A
7439-96-5	Manganese	587		1	2.97	10.0	ug/L	12/01/25 11:20	12/01/25 18:46	6010D	M3010A
7440-23-5	Sodium	420000		1	434	1000	ug/L	12/01/25 11:20	12/01/25 18:46	6010D	M3010A

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

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

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3737

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Iron	23.4	+/-50	U	100	P	12/01/2025	13:46	LB138072
	Manganese	5.94	+/-10	U	20.0	P	12/01/2025	13:46	LB138072
	Sodium	868	+/-1000	U	2000	P	12/01/2025	13:46	LB138072

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3737

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Iron	23.4	+/-50	U	100	P	12/01/2025	14:34	LB138072
	Manganese	5.94	+/-10	U	20.0	P	12/01/2025	14:34	LB138072
	Sodium	868	+/-1000	U	2000	P	12/01/2025	14:34	LB138072
CCB02	Iron	23.4	+/-50	U	100	P	12/01/2025	15:31	LB138072
	Manganese	5.94	+/-10	U	20.0	P	12/01/2025	15:31	LB138072
	Sodium	908	+/-1000	J	2000	P	12/01/2025	15:31	LB138072
CCB03	Iron	23.4	+/-50	U	100	P	12/01/2025	16:38	LB138072
	Manganese	5.94	+/-10	U	20.0	P	12/01/2025	16:38	LB138072
	Sodium	868	+/-1000	U	2000	P	12/01/2025	16:38	LB138072
CCB04	Iron	23.4	+/-50	U	100	P	12/01/2025	17:29	LB138072
	Manganese	5.94	+/-10	U	20.0	P	12/01/2025	17:29	LB138072
	Sodium	868	+/-1000	U	2000	P	12/01/2025	17:29	LB138072
CCB05	Iron	23.4	+/-50	U	100	P	12/01/2025	18:20	LB138072
	Manganese	5.94	+/-10	U	20.0	P	12/01/2025	18:20	LB138072
	Sodium	868	+/-1000	U	2000	P	12/01/2025	18:20	LB138072
CCB06	Iron	23.4	+/-50	U	100	P	12/01/2025	19:11	LB138072
	Manganese	5.94	+/-10	U	20.0	P	12/01/2025	19:11	LB138072
	Sodium	868	+/-1000	U	2000	P	12/01/2025	19:11	LB138072
CCB07	Iron	23.4	+/-50	U	100	P	12/01/2025	19:28	LB138072
	Manganese	5.94	+/-10	U	20.0	P	12/01/2025	19:28	LB138072
	Sodium	868	+/-1000	U	2000	P	12/01/2025	19:28	LB138072

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3737

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170768BL		**WATER**		**Batch Number:**	**PB170768**		**Prep Date:**	**12/01/2025**	
	Iron	11.7	<25	U	50.0	P	12/01/2025	17:08	LB138072
	Manganese	2.97	<5	U	10.0	P	12/01/2025	17:08	LB138072
	Sodium	434	<500	U	1000	P	12/01/2025	17:08	LB138072

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3737

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Iron	3920	4000	98	90 - 110	P	12/01/2025	13:16	LB138072
	Manganese	1940	2000	97	90 - 110	P	12/01/2025	13:16	LB138072
	Sodium	19500	20000	97	90 - 110	P	12/01/2025	13:16	LB138072

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3737

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Iron	88.6	100	89	80 - 120	P	12/01/2025	13:42	LB138072
	Manganese	22.0	20.0	110	80 - 120	P	12/01/2025	13:42	LB138072
	Sodium	2010	2000	100	80 - 120	P	12/01/2025	13:42	LB138072

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3737

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Iron	5140	5000	103	90 - 110	P	12/01/2025	14:30	LB138072
	Manganese	2490	2500	99	90 - 110	P	12/01/2025	14:30	LB138072
	Sodium	25500	25000	102	90 - 110	P	12/01/2025	14:30	LB138072
CCV02	Iron	5120	5000	102	90 - 110	P	12/01/2025	15:26	LB138072
	Manganese	2480	2500	99	90 - 110	P	12/01/2025	15:26	LB138072
	Sodium	26900	25000	107	90 - 110	P	12/01/2025	15:26	LB138072
CCV03	Iron	5140	5000	103	90 - 110	P	12/01/2025	16:33	LB138072
	Manganese	2450	2500	98	90 - 110	P	12/01/2025	16:33	LB138072
	Sodium	26400	25000	106	90 - 110	P	12/01/2025	16:33	LB138072
CCV04	Iron	5290	5000	106	90 - 110	P	12/01/2025	17:25	LB138072
	Manganese	2580	2500	103	90 - 110	P	12/01/2025	17:25	LB138072
	Sodium	26800	25000	107	90 - 110	P	12/01/2025	17:25	LB138072
CCV05	Iron	5290	5000	106	90 - 110	P	12/01/2025	18:16	LB138072
	Manganese	2500	2500	100	90 - 110	P	12/01/2025	18:16	LB138072
	Sodium	26100	25000	104	90 - 110	P	12/01/2025	18:16	LB138072
CCV06	Iron	5330	5000	106	90 - 110	P	12/01/2025	19:07	LB138072
	Manganese	2530	2500	101	90 - 110	P	12/01/2025	19:07	LB138072
	Sodium	26600	25000	106	90 - 110	P	12/01/2025	19:07	LB138072
CCV07	Iron	5410	5000	108	90 - 110	P	12/01/2025	19:24	LB138072
	Manganese	2560	2500	102	90 - 110	P	12/01/2025	19:24	LB138072
	Sodium	25900	25000	103	90 - 110	P	12/01/2025	19:24	LB138072

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q3737

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Iron	86.8	100	87	65 - 135	P	12/01/2025	13:50	LB138072
	Manganese	21.5	20.0	107	65 - 135	P	12/01/2025	13:50	LB138072
	Sodium	1990	2000	100	65 - 135	P	12/01/2025	13:50	LB138072

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q3737

Contract: GENV01 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Iron	100000	101000	99	85600	116500	12/01/2025	13:55	LB138072
	Manganese	10.4	7.0	148	-13	27	12/01/2025	13:55	LB138072
	Sodium	125			0	0	12/01/2025	13:55	LB138072
ICSAB01	Iron	97000	99300	98	84400	114500	12/01/2025	14:09	LB138072
	Manganese	509	507	100	430	584	12/01/2025	14:09	LB138072
	Sodium	-53.5			0	0	12/01/2025	14:09	LB138072

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q3737

contract: GENV01 **lab code:** ACE

matrix: Water **sample id:** Q3737-02 **client id:** MW4MS

Percent Solids for Sample: NA **Spiked ID:** Q3737-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	75 - 125	5360		3700		1500	111		P
Manganese	ug/L	75 - 125	663		587		100	76		P
Sodium	ug/L	75 - 125	412000		420000		1500	-494		P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q3737

contract: GENV01 **lab code:** ACE

matrix: Water **sample id:** Q3737-02 **client id:** MW4MSD

Percent Solids for Sample: NA **Spiked ID:** Q3737-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	75 - 125	5380		3700		1500	113		P
Manganese	ug/L	75 - 125	664		587		100	77		P
Sodium	ug/L	75 - 125	410000		420000		1500	-689		P

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Metals
- 5b -

Client: G Environmental **SDG No.:** Q3737

Contract: GENV01 **Lab Code:** ACE

Matrix: **Level:** LOW **Client ID:**

Sample ID: **Spiked ID:**

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q3737

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3737-02 **Client ID:** MW4DUP

Percent Solids for Sample: NA **Duplicate ID** Q3737-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L	20	3700		3750		1		P
Manganese	ug/L	20	587		579		1		P
Sodium	ug/L	20	420000		422000		0		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q3737

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3737-02MS **Client ID:** MW4MSD

Percent Solids for Sample: NA **Duplicate ID** Q3737-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L	20	5360		5380		0		P
Manganese	ug/L	20	663		664		0		P
Sodium	ug/L	20	412000		410000		0		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q3737

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170768BS							
Iron	ug/L	1500	1490		99	80 - 120	P
Manganese	ug/L	100	98.6		99	80 - 120	P
Sodium	ug/L	1500	1500		100	80 - 120	P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

MW4L

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **Lb No.:** lb138072 **Lab Sample ID :** Q3737-02L **SDG No.:** Q3737

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Iron	3700		3530		4		P
Manganese	587		592		1		P
Sodium	420000		387000		8		P

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metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q3737

Instrument id number: **Method:** **Run number:** LB138072

Start date: 12/01/2025 **End date:** 12/01/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1235	Fe,Mn,Na
S1	S1	1	1239	Fe,Mn,Na
S2	S2	1	1243	Fe,Mn,Na
S3	S3	1	1247	Fe,Mn,Na
S4	S4	1	1251	Fe,Mn,Na
S5	S5	1	1256	Fe,Mn,Na
ICV01	ICV01	1	1316	Fe,Mn,Na
LLICV01	LLICV01	1	1342	Fe,Mn,Na
ICB01	ICB01	1	1346	Fe,Mn,Na
CRI01	CRI01	1	1350	Fe,Mn,Na
ICSA01	ICSA01	1	1355	Fe,Mn,Na
ICSAB01	ICSAB01	1	1409	Fe,Mn,Na
CCV01	CCV01	1	1430	Fe,Mn,Na
CCB01	CCB01	1	1434	Fe,Mn,Na
CCV02	CCV02	1	1526	Fe,Mn,Na
CCB02	CCB02	1	1531	Fe,Mn,Na
CCV03	CCV03	1	1633	Fe,Mn,Na
CCB03	CCB03	1	1638	Fe,Mn,Na
PB170768BL	PB170768BL	1	1708	Fe,Mn,Na
PB170768BS	PB170768BS	1	1713	Fe,Mn,Na
CCV04	CCV04	1	1725	Fe,Mn,Na
CCB04	CCB04	1	1729	Fe,Mn,Na
CCV05	CCV05	1	1816	Fe,Mn,Na
CCB05	CCB05	1	1820	Fe,Mn,Na
Q3737-01	MW3	1	1842	Fe,Mn,Na
Q3737-02	MW4	1	1846	Fe,Mn,Na
Q3737-02DUP	MW4DUP	1	1850	Fe,Mn,Na
Q3737-02L	MW4L	5	1855	Fe,Mn,Na
Q3737-02MS	MW4MS	1	1859	Fe,Mn,Na
Q3737-02MSD	MW4MSD	1	1903	Fe,Mn,Na
CCV06	CCV06	1	1907	Fe,Mn,Na
CCB06	CCB06	1	1911	Fe,Mn,Na
CCV07	CCV07	1	1924	Fe,Mn,Na
CCB07	CCB07	1	1928	Fe,Mn,Na

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3737

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3737

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3737

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3737

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3737

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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LAB CHRONICLE

OrderID:	Q3737	**OrderDate:**	11/26/2025 4:01:00 PM
Client:	G Environmental	**Project:**	Buff
Contact:	Gary Landis	**Location:**	--Select--,A11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3737-01	**MW3**	**Water**			**11/25/25**			**11/26/25**
			Metals Group4	6010D		12/01/25	12/01/25	
Q3737-02	**MW4**	**Water**			**11/25/25**			**11/26/25**
			Metals Group4	6010D		12/01/25	12/01/25	

METAL PREPARATION & ANALYICAL SUMMARY

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

Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q3737

Contract: GENV01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170768**						
PB170768BL	PB170768BL	MB	WATER	12/01/2025	50.0	25.0	
PB170768BS	PB170768BS	LCS	WATER	12/01/2025	50.0	25.0	
Q3737-01	MW3	SAM	WATER	12/01/2025	50.0	25.0	
Q3737-02	MW4	SAM	WATER	12/01/2025	50.0	25.0	
Q3737-02DUP	MW4DUP	DUP	WATER	12/01/2025	50.0	25.0	
Q3737-02MS	MW4MS	MS	WATER	12/01/2025	50.0	25.0	
Q3737-02MSD	MW4MSD	MSD	WATER	12/01/2025	50.0	25.0	

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB138072

Review By	Janvi	Review On	12/3/2025 10:04:55 AM
Supervise By	jaswal	Supervise On	12/3/2025 10:06:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118
ICV Standard	MP88124,MP88123
CCV Standard	MP88127
ICSA Standard	MP88125,MP88126
CRI Standard	MP88120
LCS Standard	
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	12/01/25 12:35		Jaswal	OK
2	S1	S1	CAL2	12/01/25 12:39		Jaswal	OK
3	S2	S2	CAL3	12/01/25 12:43		Jaswal	OK
4	S3	S3	CAL4	12/01/25 12:47		Jaswal	OK
5	S4	S4	CAL5	12/01/25 12:51		Jaswal	OK
6	S5	S5	CAL6	12/01/25 12:56		Jaswal	OK
7	ICV01	ICV01	ICV	12/01/25 13:16		Jaswal	OK
8	LLICV01	LLICV01	LLICV	12/01/25 13:42		Jaswal	OK
9	ICB01	ICB01	ICB	12/01/25 13:46		Jaswal	OK
10	CRI01	CRI01	CRDL	12/01/25 13:50		Jaswal	OK
11	ICSA01	ICSA01	ICSA	12/01/25 13:55		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	12/01/25 14:09		Jaswal	OK
13	ICSADL	ICSADL	ICSA	12/01/25 14:13		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	12/01/25 14:17		Jaswal	OK
15	CCV01	CCV01	CCV	12/01/25 14:30		Jaswal	OK
16	CCB01	CCB01	CCB	12/01/25 14:34		Jaswal	OK
17	Q3731-01	W1	SAM	12/01/25 14:38		Jaswal	OK
18	Q3731-02	W1	SAM	12/01/25 14:43		Jaswal	OK

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ICV Standard	MP88124,MP88123
CCV Standard	MP88127
ICSA Standard	MP88125,MP88126
CRI Standard	MP88120
LCS Standard	
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132

19	PB170769BL	PB170769BL	MB	12/01/25 14:47		Jaswal	OK
20	PB170769BS	PB170769BS	LCS	12/01/25 14:51		Jaswal	OK
21	Q3642-01	EFFLUENT-DAY-1-MI	SAM	12/01/25 14:55		Jaswal	OK
22	Q3642-01L	EFFLUENT-DAY-1-MI	SD	12/01/25 15:04		Jaswal	OK
23	Q3642-01MS	EFFLUENT-DAY-1-MI	MS	12/01/25 15:08		Jaswal	OK
24	Q3642-01MSD	EFFLUENT-DAY-1-MI	MSD	12/01/25 15:13		Jaswal	OK
25	Q3642-01A	EFFLUENT-DAY-1-MI	PS	12/01/25 15:17	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
26	Q3642-01DUP	EFFLUENT-DAY-1-MI	DUP	12/01/25 15:21		Jaswal	OK
27	CCV02	CCV02	CCV	12/01/25 15:26		Jaswal	OK
28	CCB02	CCB02	CCB	12/01/25 15:31		Jaswal	OK
29	LR-2	LR-2	HIGH STD	12/01/25 15:40		Jaswal	OK
30	LR-1	LR-1	HIGH STD	12/01/25 15:49		Jaswal	OK
31	Q3736-02	D1	SAM	12/01/25 15:53		Jaswal	OK
32	Q3736-02DUP	D1DUP	DUP	12/01/25 15:58		Jaswal	OK
33	LR-3	LR-3	HIGH STD	12/01/25 16:07		Jaswal	OK
34	Q3736-02L	D1L	SD	12/01/25 16:11		Jaswal	OK
35	Q3736-02MS	D1MS	MS	12/01/25 16:16		Jaswal	OK
36	Q3736-02MSD	D1MSD	MSD	12/01/25 16:20		Jaswal	OK

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ICV Standard	MP88124,MP88123
CCV Standard	MP88127
ICSA Standard	MP88125,MP88126
CRI Standard	MP88120
LCS Standard	
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132

37	Q3736-02A	D1A	PS	12/01/25 16:24	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
38	Q3740-02	WC1	SAM	12/01/25 16:28		Jaswal	OK
39	CCV03	CCV03	CCV	12/01/25 16:33		Jaswal	OK
40	CCB03	CCB03	CCB	12/01/25 16:38		Jaswal	OK
41	PB170766BL	PB170766BL	MB	12/01/25 16:52		Jaswal	OK
42	PB170766BS	PB170766BS	LCS	12/01/25 16:56		Jaswal	OK
43	PB170767BL	PB170767BL	MB	12/01/25 17:00		Jaswal	OK
44	PB170767BS	PB170767BS	LCS	12/01/25 17:04		Jaswal	OK
45	PB170768BL	PB170768BL	MB	12/01/25 17:08		Jaswal	OK
46	PB170768BS	PB170768BS	LCS	12/01/25 17:13		Jaswal	OK
47	Q3725-04DL	STOCKPILE-SAMPLE	SAM	12/01/25 17:17		Jaswal	OK
48	Q3732-01DL	HD-01-11-26-2025DL	SAM	12/01/25 17:21		Jaswal	OK
49	CCV04	CCV04	CCV	12/01/25 17:25		Jaswal	OK
50	CCB04	CCB04	CCB	12/01/25 17:29		Jaswal	OK
51	Q3733-01DL	SU-04-11-26-2025DL	SAM	12/01/25 17:34		Jaswal	OK
52	Q3735-01DL	BU-3-112625DL	SAM	12/01/25 17:38		Jaswal	OK
53	Q3736-01DL	D1DL	SAM	12/01/25 17:42		Jaswal	OK
54	Q3736-02DL	D1DL	SAM	12/01/25 17:46	NOT USE	Jaswal	Not Ok
55	Q3739-01DL	GSB1ADL	SAM	12/01/25 17:50		Jaswal	OK

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CCV Standard	MP88127
ICSA Standard	MP88125,MP88126
CRI Standard	MP88120
LCS Standard	
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132

56	Q3739-02DL	GSB1BDL	SAM	12/01/25 17:55	Cr High	Jaswal	Dilution
57	Q3739-03DL	GSB2ADL	SAM	12/01/25 17:59		Jaswal	OK
58	Q3739-04DL	GSB2BDL	SAM	12/01/25 18:03		Jaswal	OK
59	Q3740-01DL	WC1DL	SAM	12/01/25 18:07	Cr High	Jaswal	Dilution
60	Q3740-01DUPDL	WC1DUPDL	DUP	12/01/25 18:12	Cr High	Jaswal	Dilution
61	CCV05	CCV05	CCV	12/01/25 18:16		Jaswal	OK
62	CCB05	CCB05	CCB	12/01/25 18:20		Jaswal	OK
63	Q3740-01LDL	WC1LDL	SD	12/01/25 18:25		Jaswal	OK
64	Q3740-01MSDL	WC1MSDL	MS	12/01/25 18:29	Cr High	Jaswal	Dilution
65	Q3740-01MSDDL	WC1MSDDL	MSD	12/01/25 18:33	Cr High	Jaswal	Dilution
66	Q3740-01ADL	WC1ADL	PS	12/01/25 18:37	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
67	Q3737-01	MW3	SAM	12/01/25 18:42		Jaswal	OK
68	Q3737-02	MW4	SAM	12/01/25 18:46		Jaswal	OK
69	Q3737-02DUP	MW4DUP	DUP	12/01/25 18:50		Jaswal	OK
70	Q3737-02L	MW4L	SD	12/01/25 18:55		Jaswal	OK
71	Q3737-02MS	MW4MS	MS	12/01/25 18:59		Jaswal	OK
72	Q3737-02MSD	MW4MSD	MSD	12/01/25 19:03		Jaswal	OK
73	CCV06	CCV06	CCV	12/01/25 19:07		Jaswal	OK
74	CCB06	CCB06	CCB	12/01/25 19:11		Jaswal	OK

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ICSA Standard	MP88125,MP88126
CRI Standard	MP88120
LCS Standard	
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132

75	Q3737-02A	MW4A	PS	12/01/25 19:16	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
76	Q3740-02DL	WC1DL	SAM	12/01/25 19:20	Not Use	Jaswal	Not Ok
77	CCV07	CCV07	CCV	12/01/25 19:24		Jaswal	OK
78	CCB07	CCB07	CCB	12/01/25 19:28		Jaswal	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170768

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 12/01/2025 **Time :** 11:20 **Temp :** 96 °C

End Digest Date: 12/01/2025 **Time :** 14:25 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SHS

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6209
LFS-2	0.25	M6201
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
CONC: HNO3	3.00	M6187
1:1 HCL	5.00	MP87148
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/01/25 15:25	SHS met dig	Metals Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170768

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB170768BL	PBW768	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB170768BS	LCS768	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	2
Q3731-01	W1	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q3737-01	MW3	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q3737-02	MW4	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	5
Q3737-02MS	MW4MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	7
Q3737-02MSD	MW4MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	8
Q3737-02DUP	MW4DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	6

A
B
C
D
E
F
G
H
I
J