



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.:	Q3399	Order ID:	Q3399
Client:	ICE Service Group, Inc.	Project ID:	NWIRP Northrup Grumman Site – Bethpag

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :	COMP-ROLLOFF								
Q3399-02	COMP-ROLLOFF	TCLP	Barium	363	J	72.8	125	500	ug/L



SAMPLE DATA

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-02	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	75.0	U	1	25.6	75.0	100	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A
7440-39-3	Barium	363	JN	1	72.8	125	500	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A
7440-43-9	Cadmium	7.50	U	1	2.50	7.50	30.0	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A
7440-47-3	Chromium	25.0	U	1	10.6	25.0	50.0	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A
7439-92-1	Lead	48.0	U	1	11.5	48.0	60.0	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A
7439-97-6	Mercury	1.60	U	1	0.76	1.60	2.00	ug/L	10/22/25 13:30	10/23/25 08:45	7470A	7470A
7782-49-2	Selenium	80.0	U	1	48.2	80.0	100	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A
7440-22-4	Silver	25.0	U	1	8.10	25.0	50.0	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A

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



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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB84	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	08:18	LB137620

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB75	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	08:24	LB137620
CCB76	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	08:52	LB137620
CCB77	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	09:20	LB137620
CCB78	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	09:38	LB137620

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	13:20	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	13:20	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	13:20	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	13:20	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	13:20	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	13:20	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	13:20	LB137630

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	13:57	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	13:57	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	13:57	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	13:57	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	13:57	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	13:57	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	13:57	LB137630
CCB02	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	15:08	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	15:08	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	15:08	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	15:08	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	15:08	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	15:08	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	15:08	LB137630
CCB03	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	16:11	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	16:11	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	16:11	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	16:11	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	16:11	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	16:11	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	16:11	LB137630
CCB04	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	16:47	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	16:47	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	16:47	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	16:47	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	16:47	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	16:47	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	16:47	LB137630
CCB05	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	17:25	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	17:25	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	17:25	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	17:25	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	17:25	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	17:25	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	17:25	LB137630
CCB06	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	18:15	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	18:15	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	18:15	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	18:15	LB137630

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	18:15	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	18:15	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	18:15	LB137630
CCB07	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	19:04	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	19:04	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	19:04	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	19:04	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	19:04	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	19:04	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	19:04	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	19:52	LB137630
CCB08	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	19:52	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	19:52	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	19:52	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	19:52	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	19:52	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	19:52	LB137630
CCB09	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	20:43	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	20:43	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	20:43	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	20:43	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	20:43	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	20:43	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	20:43	LB137630
CCB10	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	21:34	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	21:34	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	21:34	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	21:34	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	21:34	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	21:34	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	21:34	LB137630
CCB11	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	22:24	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	22:24	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	22:24	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	22:24	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	22:24	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	22:24	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	22:24	LB137630
CCB12	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	22:37	LB137630

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB12	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	22:37	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	22:37	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	22:37	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	22:37	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	22:37	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	22:37	LB137630

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3399

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170172TB		WATER		Batch Number:		PB170219		Prep Date:	10/22/2025	
	Mercury	0.76	<2	U	1.60	2.00	CV	10/23/2025	09:25	LB137620
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170219BL		WATER		Batch Number:		PB170219		Prep Date:	10/22/2025	
	Mercury	0.076	<0.2	U	0.16	0.20	CV	10/23/2025	08:34	LB137620

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3399

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170214BL		WATER		Batch Number:		PB170214		Prep Date:	10/22/2025	
	Arsenic	25.6	<50	U	75.0	100	P	10/23/2025	19:27	LB137630
	Barium	72.8	<250	U	125	500	P	10/23/2025	19:27	LB137630
	Cadmium	2.50	<15	U	7.50	30.0	P	10/23/2025	19:27	LB137630
	Chromium	10.6	<25	U	25.0	50.0	P	10/23/2025	19:27	LB137630
	Lead	11.5	<30	U	48.0	60.0	P	10/23/2025	19:27	LB137630
	Selenium	48.2	<50	U	80.0	100	P	10/23/2025	19:27	LB137630
	Silver	8.10	<25	U	25.0	50.0	P	10/23/2025	19:27	LB137630
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170172TB		WATER		Batch Number:		PB170214		Prep Date:	10/22/2025	
	Arsenic	25.6	<50	U	75.0	100	P	10/23/2025	19:36	LB137630
	Barium	72.8	<250	U	125	500	P	10/23/2025	19:36	LB137630
	Cadmium	2.50	<15	U	7.50	30.0	P	10/23/2025	19:36	LB137630
	Chromium	10.6	<25	U	25.0	50.0	P	10/23/2025	19:36	LB137630
	Lead	11.5	<30	U	48.0	60.0	P	10/23/2025	19:36	LB137630
	Selenium	48.2	<50	U	80.0	100	P	10/23/2025	19:36	LB137630
	Silver	8.10	<25	U	25.0	50.0	P	10/23/2025	19:36	LB137630



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV84	Mercury	3.99	4.0	100	90 - 110	CV	10/23/2025	08:15	LB137620

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV75	Mercury	5.03	5.0	101	90 - 110	CV	10/23/2025	08:22	LB137620
CCV76	Mercury	5.05	5.0	101	90 - 110	CV	10/23/2025	08:50	LB137620
CCV77	Mercury	4.90	5.0	98	90 - 110	CV	10/23/2025	09:18	LB137620
CCV78	Mercury	5.05	5.0	101	90 - 110	CV	10/23/2025	09:36	LB137620

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client:	<u>ICE Service Group, Inc.</u>	SDG No.:	<u>Q3399</u>
Contract:	<u>ICES02</u>	Lab Code:	<u>ACE</u>
Initial Calibration Source:	<u>EPA</u>		
Continuing Calibration Source:	<u>Inorganic Ventures</u>		

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	3870	4000	97	90 - 110	P	10/23/2025	13:05	LB137630
	Barium	7690	8000	96	90 - 110	P	10/23/2025	13:05	LB137630
	Cadmium	2050	2000	103	90 - 110	P	10/23/2025	13:05	LB137630
	Chromium	800	800	100	90 - 110	P	10/23/2025	13:05	LB137630
	Lead	3900	4000	98	90 - 110	P	10/23/2025	13:05	LB137630
	Selenium	3910	4000	98	90 - 110	P	10/23/2025	13:05	LB137630
	Silver	1010	1000	101	90 - 110	P	10/23/2025	13:05	LB137630

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

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	Arsenic	22.1	20.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Barium	98.7	100	99	80 - 120	P	10/23/2025	13:14	LB137630
	Cadmium	5.95	6.0	99	80 - 120	P	10/23/2025	13:14	LB137630
	Chromium	11.0	10.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Lead	13.2	12.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Selenium	23.6	20.0	118	80 - 120	P	10/23/2025	13:14	LB137630
	Silver	10.7	10.0	106	80 - 120	P	10/23/2025	13:14	LB137630

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client:	<u>ICE Service Group, Inc.</u>	SDG No.:	<u>Q3399</u>
Contract:	<u>ICES02</u>	Lab Code:	<u>ACE</u>
Initial Calibration Source:	<u>EPA</u>		
Continuing Calibration Source:	<u>Inorganic Ventures</u>		

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5250	5000	105	90 - 110	P	10/23/2025	13:52	LB137630
	Barium	9900	10000	99	90 - 110	P	10/23/2025	13:52	LB137630
	Cadmium	2580	2500	103	90 - 110	P	10/23/2025	13:52	LB137630
	Chromium	1060	1000	106	90 - 110	P	10/23/2025	13:52	LB137630
	Lead	5160	5000	103	90 - 110	P	10/23/2025	13:52	LB137630
	Selenium	5330	5000	107	90 - 110	P	10/23/2025	13:52	LB137630
	Silver	1300	1250	104	90 - 110	P	10/23/2025	13:52	LB137630
CCV02	Arsenic	5240	5000	105	90 - 110	P	10/23/2025	15:04	LB137630
	Barium	10600	10000	106	90 - 110	P	10/23/2025	15:04	LB137630
	Cadmium	2630	2500	105	90 - 110	P	10/23/2025	15:04	LB137630
	Chromium	1050	1000	105	90 - 110	P	10/23/2025	15:04	LB137630
	Lead	5230	5000	105	90 - 110	P	10/23/2025	15:04	LB137630
	Selenium	5210	5000	104	90 - 110	P	10/23/2025	15:04	LB137630
	Silver	1300	1250	104	90 - 110	P	10/23/2025	15:04	LB137630
CCV03	Arsenic	4960	5000	99	90 - 110	P	10/23/2025	15:56	LB137630
	Barium	9590	10000	96	90 - 110	P	10/23/2025	15:56	LB137630
	Cadmium	2520	2500	101	90 - 110	P	10/23/2025	15:56	LB137630
	Chromium	1030	1000	103	90 - 110	P	10/23/2025	15:56	LB137630
	Lead	5020	5000	100	90 - 110	P	10/23/2025	15:56	LB137630
	Selenium	4960	5000	99	90 - 110	P	10/23/2025	15:56	LB137630
	Silver	1230	1250	99	90 - 110	P	10/23/2025	15:56	LB137630
CCV04	Arsenic	4960	5000	99	90 - 110	P	10/23/2025	16:43	LB137630
	Barium	9850	10000	98	90 - 110	P	10/23/2025	16:43	LB137630
	Cadmium	2520	2500	101	90 - 110	P	10/23/2025	16:43	LB137630
	Chromium	1000	1000	100	90 - 110	P	10/23/2025	16:43	LB137630
	Lead	5020	5000	100	90 - 110	P	10/23/2025	16:43	LB137630
	Selenium	4920	5000	98	90 - 110	P	10/23/2025	16:43	LB137630
	Silver	1220	1250	98	90 - 110	P	10/23/2025	16:43	LB137630
CCV05	Arsenic	5210	5000	104	90 - 110	P	10/23/2025	17:21	LB137630
	Barium	10300	10000	103	90 - 110	P	10/23/2025	17:21	LB137630
	Cadmium	2640	2500	105	90 - 110	P	10/23/2025	17:21	LB137630
	Chromium	967	1000	97	90 - 110	P	10/23/2025	17:21	LB137630
	Lead	5250	5000	105	90 - 110	P	10/23/2025	17:21	LB137630
	Selenium	5180	5000	104	90 - 110	P	10/23/2025	17:21	LB137630

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

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
CCV05	Silver	1290	1250	103	90 - 110	P	10/23/2025	17:21	LB137630
CCV06	Arsenic	5210	5000	104	90 - 110	P	10/23/2025	18:11	LB137630
	Barium	10000	10000	100	90 - 110	P	10/23/2025	18:11	LB137630
	Cadmium	2670	2500	107	90 - 110	P	10/23/2025	18:11	LB137630
	Chromium	987	1000	99	90 - 110	P	10/23/2025	18:11	LB137630
	Lead	5320	5000	106	90 - 110	P	10/23/2025	18:11	LB137630
	Selenium	5190	5000	104	90 - 110	P	10/23/2025	18:11	LB137630
	Silver	1320	1250	105	90 - 110	P	10/23/2025	18:11	LB137630
CCV07	Arsenic	5030	5000	101	90 - 110	P	10/23/2025	18:59	LB137630
	Barium	9590	10000	96	90 - 110	P	10/23/2025	18:59	LB137630
	Cadmium	2530	2500	101	90 - 110	P	10/23/2025	18:59	LB137630
	Chromium	952	1000	95	90 - 110	P	10/23/2025	18:59	LB137630
	Lead	5060	5000	101	90 - 110	P	10/23/2025	18:59	LB137630
	Selenium	5090	5000	102	90 - 110	P	10/23/2025	18:59	LB137630
	Silver	1280	1250	102	90 - 110	P	10/23/2025	18:59	LB137630
CCV08	Arsenic	5200	5000	104	90 - 110	P	10/23/2025	19:48	LB137630
	Barium	9920	10000	99	90 - 110	P	10/23/2025	19:48	LB137630
	Cadmium	2670	2500	107	90 - 110	P	10/23/2025	19:48	LB137630
	Chromium	999	1000	100	90 - 110	P	10/23/2025	19:48	LB137630
	Lead	5320	5000	106	90 - 110	P	10/23/2025	19:48	LB137630
	Selenium	5190	5000	104	90 - 110	P	10/23/2025	19:48	LB137630
	Silver	1300	1250	104	90 - 110	P	10/23/2025	19:48	LB137630
CCV09	Arsenic	5320	5000	106	90 - 110	P	10/23/2025	20:39	LB137630
	Barium	9990	10000	100	90 - 110	P	10/23/2025	20:39	LB137630
	Cadmium	2690	2500	108	90 - 110	P	10/23/2025	20:39	LB137630
	Chromium	1000	1000	100	90 - 110	P	10/23/2025	20:39	LB137630
	Lead	5380	5000	108	90 - 110	P	10/23/2025	20:39	LB137630
	Selenium	5360	5000	107	90 - 110	P	10/23/2025	20:39	LB137630
	Silver	1320	1250	106	90 - 110	P	10/23/2025	20:39	LB137630
CCV10	Arsenic	5010	5000	100	90 - 110	P	10/23/2025	21:30	LB137630
	Barium	9490	10000	95	90 - 110	P	10/23/2025	21:30	LB137630
	Cadmium	2570	2500	103	90 - 110	P	10/23/2025	21:30	LB137630
	Chromium	962	1000	96	90 - 110	P	10/23/2025	21:30	LB137630
	Lead	5110	5000	102	90 - 110	P	10/23/2025	21:30	LB137630

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

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
CCV10	Selenium	5040	5000	101	90 - 110	P	10/23/2025	21:30	LB137630
	Silver	1280	1250	102	90 - 110	P	10/23/2025	21:30	LB137630
CCV11	Arsenic	4980	5000	100	90 - 110	P	10/23/2025	22:20	LB137630
	Barium	9350	10000	94	90 - 110	P	10/23/2025	22:20	LB137630
	Cadmium	2590	2500	104	90 - 110	P	10/23/2025	22:20	LB137630
	Chromium	951	1000	95	90 - 110	P	10/23/2025	22:20	LB137630
	Lead	5160	5000	103	90 - 110	P	10/23/2025	22:20	LB137630
	Selenium	4940	5000	99	90 - 110	P	10/23/2025	22:20	LB137630
	Silver	1230	1250	99	90 - 110	P	10/23/2025	22:20	LB137630
CCV12	Arsenic	4920	5000	98	90 - 110	P	10/23/2025	22:33	LB137630
	Barium	9070	10000	91	90 - 110	P	10/23/2025	22:33	LB137630
	Cadmium	2540	2500	102	90 - 110	P	10/23/2025	22:33	LB137630
	Chromium	932	1000	93	90 - 110	P	10/23/2025	22:33	LB137630
	Lead	5070	5000	101	90 - 110	P	10/23/2025	22:33	LB137630
	Selenium	4930	5000	99	90 - 110	P	10/23/2025	22:33	LB137630
	Silver	1220	1250	98	90 - 110	P	10/23/2025	22:33	LB137630



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Metals

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CRDL STANDARD FOR AA & ICP

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

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
CRA	Mercury	0.22	0.2	110	70 - 130	CV	10/23/2025	08:27	LB137620
CRI01	Arsenic	22.0	20.0	110	65 - 135	P	10/23/2025	13:24	LB137630
	Barium	92.8	100	93	65 - 135	P	10/23/2025	13:24	LB137630
	Cadmium	5.69	6.0	95	65 - 135	P	10/23/2025	13:24	LB137630
	Chromium	10.2	10.0	102	65 - 135	P	10/23/2025	13:24	LB137630
	Lead	10.8	12.0	90	65 - 135	P	10/23/2025	13:24	LB137630
	Selenium	19.5	20.0	98	65 - 135	P	10/23/2025	13:24	LB137630
	Silver	10.2	10.0	102	65 - 135	P	10/23/2025	13:24	LB137630

Metals
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INTERFERENCE CHECK SAMPLE

Client: ICE Service Group, Inc.	SDG No.: Q3399
Contract: ICES02	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	Arsenic	8.83			-20	20	10/23/2025	13:28	LB137630
	Barium	2.45	6.0	41	-94	106	10/23/2025	13:28	LB137630
	Cadmium	-0.071	1.0	7	-5	7	10/23/2025	13:28	LB137630
	Chromium	48.5	52.0	93	42	62	10/23/2025	13:28	LB137630
	Lead	-2.09			-12	12	10/23/2025	13:28	LB137630
	Selenium	4.51			-20	20	10/23/2025	13:28	LB137630
	Silver	-2.45			-10	10	10/23/2025	13:28	LB137630
ICSAB01	Arsenic	107	104	103	88.4	120	10/23/2025	13:39	LB137630
	Barium	483	537	90	437	637	10/23/2025	13:39	LB137630
	Cadmium	994	972	102	826	1120	10/23/2025	13:39	LB137630
	Chromium	550	542	102	460	624	10/23/2025	13:39	LB137630
	Lead	46.0	49.0	94	37	61	10/23/2025	13:39	LB137630
	Selenium	55.7	46.0	121	26	66	10/23/2025	13:39	LB137630
	Silver	206	201	102	170	232	10/23/2025	13:39	LB137630



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: ICE Service Group, Inc.	level: low	sdg no.: Q3399
contract: ICES02		lab code: ACE
matrix: Water	sample id: Q3412-04	client id: TP-6MS
Percent Solids for Sample: NA	Spiked ID: Q3412-04MS	Percent Solids for Spike Sample: NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	87 - 113	4030		100	U	4000	101		P
Barium	ug/L	88 - 113	2020		515		1000	151	N	P
Cadmium	ug/L	88 - 113	1000		30.0	U	1000	100		P
Chromium	ug/L	90 - 113	1880		50.0	U	2000	94		P
Lead	ug/L	86 - 113	4870		67.3		5000	96		P
Mercury	ug/L	82 - 119	38.2		2.00	U	40.0	96		CV
Selenium	ug/L	83 - 114	10000		100	U	10000	100		P
Silver	ug/L	84 - 115	346		50.0	U	380	91		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: ICE Service Group, Inc.	level: low	sdg no.: Q3399
contract: ICES02		lab code: ACE
matrix: Water	sample id: Q3412-04	client id: TP-6MSD
Percent Solids for Sample: NA	Spiked ID: Q3412-04MSD	Percent Solids for Spike Sample: NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	87 - 113	3940		100	U	4000	98		P
Barium	ug/L	88 - 113	1950		515		1000	144	N	P
Cadmium	ug/L	88 - 113	974		30.0	U	1000	97		P
Chromium	ug/L	90 - 113	1830		50.0	U	2000	92		P
Lead	ug/L	86 - 113	4720		67.3		5000	93		P
Mercury	ug/L	82 - 119	38.1		2.00	U	40.0	95		CV
Selenium	ug/L	83 - 114	9890		100	U	10000	99		P
Silver	ug/L	84 - 115	340		50.0	U	380	90		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

Lab Code: ACE

Matrix: Water

Level: LOW

Client ID: TP-6A

Sample ID: Q3412-04

Spiked ID: Q3412-04A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Barium	ug/L	88 - 113	1380		515		1000	87	N	P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>ICE Service Group, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3399</u>
Contract:	<u>ICES02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3412-04</u>	Client ID:	<u>TP-6DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3412-04DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	515		475	J	8		P
Cadmium	ug/L	20	30.0	U	30.0	U			P
Chromium	ug/L	20	50.0	U	50.0	U			P
Lead	ug/L	20	67.3		63.0		7		P
Mercury	ug/L	20	2.00	U	2.00	U			CV
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>ICE Service Group, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3399</u>
Contract:	<u>ICES02</u>	Lab Code:	<u>ACE</u>		
Matrix:	<u>Water</u>	Sample ID:	<u>Q3412-04MS</u>	Client ID:	<u>TP-6MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3412-04MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	4030		3940		2		P
Barium	ug/L	20	2020		1950		4		P
Cadmium	ug/L	20	1000		974		3		P
Chromium	ug/L	20	1880		1830		3		P
Lead	ug/L	20	4870		4720		3		P
Mercury	ug/L	20	38.2		38.1		0		CV
Selenium	ug/L	20	10000		9890		1		P
Silver	ug/L	20	346		340		2		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170214BS							
Arsenic	ug/L	4000	3980		100	87 - 113	P
Barium	ug/L	1000	1000		100	88 - 113	P
Cadmium	ug/L	1000	973		97	88 - 113	P
Chromium	ug/L	2000	1930		96	90 - 113	P
Lead	ug/L	5000	4880		98	86 - 113	P
Selenium	ug/L	10000	10100		101	83 - 114	P
Silver	ug/L	380	373		98	84 - 115	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170219BS Mercury	ug/L	4.0	3.74		94	82 - 119	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

TP-6L

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **Lb No.:** lb137630 **Lab Sample ID :** Q3412-04L **SDG No.:** Q3399
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
Arsenic	100	U	500	U			P
Barium	515		532	J	3		P
Cadmium	30.0	U	150	U			P
Chromium	50.0	U	250	U			P
Lead	67.3		300	U	100.0		P
Mercury	2.00	U	10.0	U			CV
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P

metals
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ANALYSIS RUN LOG

Client: ICE Service Group, Inc.

Contract: ICES02

Lab code: ACE

Sdg no.: Q3399

Instrument id number:

Method:

Run number: LB137620

Start date: 10/23/2025

End date: 10/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0800	HG
S0.2	S0.2	1	0803	HG
S2.5	S2.5	1	0805	HG
S5	S5	1	0807	HG
S7.5	S7.5	1	0810	HG
S10	S10	1	0812	HG
ICV84	ICV84	1	0815	HG
ICB84	ICB84	1	0818	HG
CCV75	CCV75	1	0822	HG
CCB75	CCB75	1	0824	HG
CRA	CRA	1	0827	HG
PB170219BL	PB170219BL	1	0834	HG
PB170219BS	PB170219BS	1	0836	HG
Q3399-02	COMP-ROLLOFF	1	0845	HG
CCV76	CCV76	1	0850	HG
CCB76	CCB76	1	0852	HG
Q3412-04DUP	TP-6DUP	1	0913	HG
Q3412-04MS	TP-6MS	1	0916	HG
CCV77	CCV77	1	0918	HG
CCB77	CCB77	1	0920	HG
Q3412-04MSD	TP-6MSD	1	0922	HG
PB170172TB	PB170172TB	1	0925	HG
Q3412-04L	TP-6L	5	0927	HG
CCV78	CCV78	1	0936	HG
CCB78	CCB78	1	0938	HG

metals
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ANALYSIS RUN LOG

Client: ICE Service Group, Inc.

Contract: ICES02

Lab code: ACE

Sdg no.: Q3399

Instrument id number:

Method:

Run number: LB137630

Start date: 10/23/2025

End date: 10/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1240	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1245	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1249	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1253	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1257	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1301	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1305	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1314	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1320	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1324	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1328	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1339	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1352	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1357	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1504	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1508	Ag,As,Ba,Cd,Cr,Pb,Se
Q3399-02	COMP-ROLLOFF	1	1530	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1556	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1611	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1643	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1647	Ag,As,Ba,Cd,Cr,Pb,Se
Q3412-04DUP	TP-6DUP	1	1655	Ag,As,Ba,Cd,Cr,Pb,Se
Q3412-04L	TP-6L	5	1700	Ag,As,Ba,Cd,Cr,Pb,Se
Q3412-04MS	TP-6MS	1	1704	Ag,As,Ba,Cd,Cr,Pb,Se
Q3412-04MSD	TP-6MSD	1	1708	Ag,As,Ba,Cd,Cr,Pb,Se
Q3412-04A	TP-6A	1	1712	Ba
CCV05	CCV05	1	1721	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1725	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1811	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1815	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1859	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1904	Ag,As,Ba,Cd,Cr,Pb,Se
PB170214BL	PB170214BL	1	1927	Ag,As,Ba,Cd,Cr,Pb,Se
PB170214BS	PB170214BS	1	1932	Ag,As,Ba,Cd,Cr,Pb,Se
PB170172TB	PB170172TB	1	1936	Ag,As,Ba,Cd,Cr,Pb,Se
CCV08	CCV08	1	1948	Ag,As,Ba,Cd,Cr,Pb,Se
CCB08	CCB08	1	1952	Ag,As,Ba,Cd,Cr,Pb,Se
CCV09	CCV09	1	2039	Ag,As,Ba,Cd,Cr,Pb,Se
CCB09	CCB09	1	2043	Ag,As,Ba,Cd,Cr,Pb,Se
CCV10	CCV10	1	2130	Ag,As,Ba,Cd,Cr,Pb,Se
CCB10	CCB10	1	2134	Ag,As,Ba,Cd,Cr,Pb,Se

metals
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ANALYSIS RUN LOG

Client: ICE Service Group, Inc.

Contract: ICES02

Lab code: ACE

Sdg no.: Q3399

Instrument id number:

Method:

Run number: LB137630

Start date: 10/23/2025

End date: 10/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV11	CCV11	1	2220	Ag,As,Ba,Cd,Cr,Pb,Se
CCB11	CCB11	1	2224	Ag,As,Ba,Cd,Cr,Pb,Se
CCV12	CCV12	1	2233	Ag,As,Ba,Cd,Cr,Pb,Se
CCB12	CCB12	1	2237	Ag,As,Ba,Cd,Cr,Pb,Se



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

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
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

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
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

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
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

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
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

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
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000

LAB CHRONICLE

OrderID:	Q3399	OrderDate:	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	Project:	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	COMP-ROLLOFF	SOIL			10/20/25			10/20/25
			Mercury	7471B		10/23/25	10/23/25	
			Metals ICP-TAL	6010D		10/21/25	10/21/25	
Q3399-02	COMP-ROLLOFF	TCLP			10/20/25			10/20/25
			TCLP ICP Metals	6010D		10/22/25	10/23/25	
			TCLP Mercury	7470A		10/22/25	10/23/25	



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

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: PB170214							
PB170214BL	PB170214BL	MB	WATER	10/22/2025	5.0	25.0	
PB170214BS	PB170214BS	LCS	WATER	10/22/2025	5.0	25.0	
PB170172TB	PB170172TB	MB	WATER	10/22/2025	5.0	25.0	
Q3399-02	COMP-ROLLOFF	SAM	WATER	10/22/2025	5.0	25.0	
Q3412-04DUP	TP-6DUP	DUP	WATER	10/22/2025	5.0	25.0	
Q3412-04MS	TP-6MS	MS	WATER	10/22/2025	5.0	25.0	
Q3412-04MSD	TP-6MSD	MSD	WATER	10/22/2025	5.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

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: PB170219							
PB170172TB	PB170172TB	MB	WATER	10/22/2025	3.0	30.0	
PB170219BL	PB170219BL	MB	WATER	10/22/2025	30.0	30.0	
PB170219BS	PB170219BS	LCS	WATER	10/22/2025	30.0	30.0	
Q3399-02	COMP-ROLLOFF	SAM	WATER	10/22/2025	3.0	30.0	
Q3412-04DUP	TP-6DUP	DUP	WATER	10/22/2025	3.0	30.0	
Q3412-04MS	TP-6MS	MS	WATER	10/22/2025	3.0	30.0	
Q3412-04MSD	TP-6MSD	MSD	WATER	10/22/2025	3.0	30.0	

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137620

Review By	jaswal	Review On	10/24/2025 6:52:34 PM
Supervise By	mohan	Supervise On	10/27/2025 8:25:17 AM
STD. NAME	STD REF.#		
ICAL Standard	MP87686,MP87687,MP87688,MP87689,MP87690,MP87691		
ICV Standard	MP87692		
CCV Standard	MP87694		
ICSA Standard			
CRI Standard	MP87696		
LCS Standard			
Chk Standard	MP87693,MP87695,MP87697,MP87701		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/23/25 08:00		Sagar	OK
2	S0.2	S0.2	CAL2	10/23/25 08:03		Sagar	OK
3	S2.5	S2.5	CAL3	10/23/25 08:05		Sagar	OK
4	S5	S5	CAL4	10/23/25 08:07		Sagar	OK
5	S7.5	S7.5	CAL5	10/23/25 08:10		Sagar	OK
6	S10	S10	CAL6	10/23/25 08:12		Sagar	OK
7	ICV84	ICV84	ICV	10/23/25 08:15		Sagar	OK
8	ICB84	ICB84	ICB	10/23/25 08:18		Sagar	OK
9	CCV75	CCV75	CCV	10/23/25 08:22		Sagar	OK
10	CCB75	CCB75	CCB	10/23/25 08:24		Sagar	OK
11	CRA	CRA	CRDL	10/23/25 08:27		Sagar	OK
12	HighStd	HighStd	HIGH STD	10/23/25 08:29		Sagar	OK
13	ChkStd	ChkStd	SAM	10/23/25 08:31		Sagar	OK
14	PB170219BL	PB170219BL	MB	10/23/25 08:34		Sagar	OK
15	PB170219BS	PB170219BS	LCS	10/23/25 08:36		Sagar	OK
16	Q3368-06	OUTSIDE-DUMPSTE	SAM	10/23/25 08:38		Sagar	OK
17	Q3368-07	PRESS-SLUDGE	SAM	10/23/25 08:41		Sagar	OK
18	Q3397-04	TP-7-WC	SAM	10/23/25 08:43		Sagar	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137620

Review By	jaswal	Review On	10/24/2025 6:52:34 PM
Supervise By	mohan	Supervise On	10/27/2025 8:25:17 AM
STD. NAME	STD REF.#		
ICAL Standard	MP87686,MP87687,MP87688,MP87689,MP87690,MP87691		
ICV Standard	MP87692		
CCV Standard	MP87694		
ICSA Standard			
CRI Standard	MP87696		
LCS Standard			
Chk Standard	MP87693,MP87695,MP87697,MP87701		

19	Q3399-02	COMP-ROLLOFF	SAM	10/23/25 08:45		Sagar	OK
20	Q3402-03	41-LA	SAM	10/23/25 08:48		Sagar	OK
21	CCV76	CCV76	CCV	10/23/25 08:50		Sagar	OK
22	CCB76	CCB76	CCB	10/23/25 08:52		Sagar	OK
23	Q3402-06	41-RA	SAM	10/23/25 08:54		Sagar	OK
24	Q3402-09	41-LB	SAM	10/23/25 08:57		Sagar	OK
25	Q3402-12	41-RB	SAM	10/23/25 08:59		Sagar	OK
26	Q3403-04	MH-18	SAM	10/23/25 09:01		Sagar	OK
27	Q3404-02	MOO-25-0285-0288	SAM	10/23/25 09:04		Sagar	OK
28	Q3404-06	MOO-25-0292	SAM	10/23/25 09:06		Sagar	OK
29	Q3406-02	ARS20-0037	SAM	10/23/25 09:08		Sagar	OK
30	Q3412-04	TP-6	SAM	10/23/25 09:10		Sagar	OK
31	Q3412-04DUP	TP-6DUP	DUP	10/23/25 09:13		Sagar	OK
32	Q3412-04MS	TP-6MS	MS	10/23/25 09:16		Sagar	OK
33	CCV77	CCV77	CCV	10/23/25 09:18		Sagar	OK
34	CCB77	CCB77	CCB	10/23/25 09:20		Sagar	OK
35	Q3412-04MSD	TP-6MSD	MSD	10/23/25 09:22		Sagar	OK
36	PB170172TB	PB170172TB	MB	10/23/25 09:25		Sagar	OK
37	Q3412-04L	TP-6L	SD	10/23/25 09:27		Sagar	OK
38	Q3412-04A	TP-6A	PS	10/23/25 09:33		Sagar	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137620

Review By	jaswal	Review On	10/24/2025 6:52:34 PM
Supervise By	mohan	Supervise On	10/27/2025 8:25:17 AM
STD. NAME	STD REF.#		
ICAL Standard	MP87686,MP87687,MP87688,MP87689,MP87690,MP87691		
ICV Standard	MP87692		
CCV Standard	MP87694		
ICSA Standard			
CRI Standard	MP87696		
LCS Standard			
Chk Standard	MP87693,MP87695,MP87697,MP87701		

39	CCV78	CCV78	CCV	10/23/25 09:36		Sagar	OK
40	CCB78	CCB78	CCB	10/23/25 09:38		Sagar	OK

A
B
C
D
E
F
G
H
I
J

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/23/25 12:40		Jaswal	OK
2	S1	S1	CAL2	10/23/25 12:45		Jaswal	OK
3	S2	S2	CAL3	10/23/25 12:49		Jaswal	OK
4	S3	S3	CAL4	10/23/25 12:53		Jaswal	OK
5	S4	S4	CAL5	10/23/25 12:57		Jaswal	OK
6	S5	S5	CAL6	10/23/25 13:01		Jaswal	OK
7	ICV01	ICV01	ICV	10/23/25 13:05		Jaswal	OK
8	LLICV01	LLICV01	LLICV	10/23/25 13:14		Jaswal	OK
9	ICB01	ICB01	ICB	10/23/25 13:20		Jaswal	OK
10	CRI01	CRI01	CRDL	10/23/25 13:24		Jaswal	OK
11	ICSA01	ICSA01	ICSA	10/23/25 13:28		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	10/23/25 13:39		Jaswal	OK
13	ICSADL	ICSADL	ICSA	10/23/25 13:43		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	10/23/25 13:47		Jaswal	OK
15	CCV01	CCV01	CCV	10/23/25 13:52		Jaswal	OK
16	CCB01	CCB01	CCB	10/23/25 13:57		Jaswal	OK
17	LR-1	LR-1	HIGH STD	10/23/25 14:01		Jaswal	OK
18	LR-2	LR-2	HIGH STD	10/23/25 14:06		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

19	LR-3	LR-3	HIGH STD	10/23/25 14:10		Jaswal	OK
20	Q3398-01	A748	SAM	10/23/25 14:15	Bad Injection	Jaswal	Not Ok
21	PB170190BS	PB170190BS	LCS	10/23/25 14:23		Jaswal	OK
22	Q3365-01DL	MW25DL	SAM	10/23/25 14:28	5x For Na	Jaswal	Confirms
23	Q3365-02DL	MW2DDL	SAM	10/23/25 14:32	5x For Na	Jaswal	Confirms
24	PB170190BL	PB170190BL	MB	10/23/25 14:36		Jaswal	OK
25	Q3398-01DL	A748DL	SAM	10/23/25 14:41	5X Mg,V oversaturated	Jaswal	Dilution
26	Q3398-01DL2	A748DL2	SAM	10/23/25 14:49	10x Mg still oversaturated	Jaswal	Dilution
27	CCV02	CCV02	CCV	10/23/25 15:04		Jaswal	OK
28	CCB02	CCB02	CCB	10/23/25 15:08		Jaswal	OK
29	Q3398-01DL3	A748DL	SAM	10/23/25 15:12	25x for Mg	Jaswal	Confirms
30	Q3368-06	OUTSIDE-DUMPSTE	SAM	10/23/25 15:17		Jaswal	OK
31	Q3368-07	PRESS-SLUDGE	SAM	10/23/25 15:21		Jaswal	OK
32	Q3397-04	TP-7-WC	SAM	10/23/25 15:25		Jaswal	OK
33	Q3399-02	COMP-ROLLOFF	SAM	10/23/25 15:30		Jaswal	OK
34	Q3402-03	41-LA	SAM	10/23/25 15:34		Jaswal	OK
35	Q3402-06	41-RA	SAM	10/23/25 15:38		Jaswal	OK
36	Q3402-09	41-LB	SAM	10/23/25 15:43		Jaswal	OK
37	Q3402-12	41-RB	SAM	10/23/25 15:47		Jaswal	OK
38	Q3403-04	MH-18	SAM	10/23/25 15:51		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

39	CCV03	CCV03	CCV	10/23/25 15:56		Jaswal	OK
40	CCB03	CCB03	CCB	10/23/25 16:11		Jaswal	OK
41	Q3404-02	MOO-25-0285-0288	SAM	10/23/25 16:15		Jaswal	OK
42	Q3404-06	MOO-25-0292	SAM	10/23/25 16:19		Jaswal	OK
43	Q3416-01	NB-08-10212025	SAM	10/23/25 16:24		Jaswal	OK
44	CCV04	CCV04	CCV	10/23/25 16:43		Jaswal	OK
45	CCB04	CCB04	CCB	10/23/25 16:47		Jaswal	OK
46	Q3412-04	TP-6	SAM	10/23/25 16:51		Jaswal	OK
47	Q3412-04DUP	TP-6DUP	DUP	10/23/25 16:55		Jaswal	OK
48	Q3412-04L	TP-6L	SD	10/23/25 17:00		Jaswal	OK
49	Q3412-04MS	TP-6MS	MS	10/23/25 17:04		Jaswal	OK
50	Q3412-04MSD	TP-6MSD	MSD	10/23/25 17:08		Jaswal	OK
51	Q3412-04A	TP-6A	PS	10/23/25 17:12	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
52	Q3406-02	ARS20-0037	SAM	10/23/25 17:16		Jaswal	OK
53	CCV05	CCV05	CCV	10/23/25 17:21		Jaswal	OK
54	CCB05	CCB05	CCB	10/23/25 17:25		Jaswal	OK
55	PB170185BL	PB170185BL	MB	10/23/25 17:30		Jaswal	OK
56	PB170185BS	PB170185BS	LCS	10/23/25 17:34		Jaswal	OK
57	Q3385-04	EFF-WW	SAM	10/23/25 17:38		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

58	Q3385-04DUP	EFF-WWDUP	DUP	10/23/25 17:42		Jaswal	OK
59	Q3385-04L	EFF-WWL	SD	10/23/25 17:46		Jaswal	OK
60	Q3385-05	EFF-WWMS	MS	10/23/25 17:51		Jaswal	OK
61	Q3385-06	EFF-WWMSD	MSD	10/23/25 17:55		Jaswal	OK
62	Q3385-04A	EFF-WWA	PS	10/23/25 17:59	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
63	Q3412-01	TP-6	SAM	10/23/25 18:03		Jaswal	OK
64	Q3412-01DUP	TP-6DUP	DUP	10/23/25 18:07		Jaswal	OK
65	CCV06	CCV06	CCV	10/23/25 18:11		Jaswal	OK
66	CCB06	CCB06	CCB	10/23/25 18:15		Jaswal	OK
67	Q3412-01L	TP-6L	SD	10/23/25 18:19		Jaswal	OK
68	Q3412-01MS	TP-6MS	MS	10/23/25 18:23		Jaswal	OK
69	Q3412-01MSD	TP-6MSD	MSD	10/23/25 18:27		Jaswal	OK
70	Q3412-01A	TP-6A	PS	10/23/25 18:31	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
71	PB170224BL	PB170224BL	MB	10/23/25 18:35		Jaswal	OK
72	PB170224BS	PB170224BS	LCS	10/23/25 18:39		Jaswal	OK
73	Q3427-01	TP-8	SAM	10/23/25 18:43		Jaswal	OK
74	Q3431-01	EO-02-10222025	SAM	10/23/25 18:47		Jaswal	OK
75	Q3431-01DUP	EO-02-10222025DUP	DUP	10/23/25 18:51		Jaswal	OK
76	Q3431-01L	EO-02-10222025L	SD	10/23/25 18:55		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

77	CCV07	CCV07	CCV	10/23/25 18:59		Jaswal	OK
78	CCB07	CCB07	CCB	10/23/25 19:04		Jaswal	OK
79	Q3431-01MS	EO-02-10222025MS	MS	10/23/25 19:08		Jaswal	OK
80	Q3431-01MSD	EO-02-10222025MSD	MSD	10/23/25 19:12		Jaswal	OK
81	Q3431-01A	EO-02-10222025A	PS	10/23/25 19:16	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
82	Q3439-01	TP-9	SAM	10/23/25 19:19		Jaswal	OK
83	Q3439-05	TP-10	SAM	10/23/25 19:23		Jaswal	OK
84	PB170214BL	PB170214BL	MB	10/23/25 19:27		Jaswal	OK
85	PB170214BS	PB170214BS	LCS	10/23/25 19:32		Jaswal	OK
86	PB170214TB	PB170214TB	MB	10/23/25 19:36		Jaswal	OK
87	PB170223BL	PB170223BL	MB	10/23/25 19:40		Jaswal	OK
88	PB170223BS	PB170223BS	LCS	10/23/25 19:44		Jaswal	OK
89	CCV08	CCV08	CCV	10/23/25 19:48		Jaswal	OK
90	CCB08	CCB08	CCB	10/23/25 19:52		Jaswal	OK
91	Q3414-01	SB-1	SAM	10/23/25 20:01		Jaswal	OK
92	Q3414-02	SB-2	SAM	10/23/25 20:05		Jaswal	OK
93	Q3414-03	SB-3	SAM	10/23/25 20:10		Jaswal	OK
94	Q3414-04	SB-4	SAM	10/23/25 20:14		Jaswal	OK
95	Q3414-05	SB-5	SAM	10/23/25 20:18		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

96	Q3414-06	SB-6	SAM	10/23/25 20:22		Jaswal	OK
97	Q3414-07	SB-7	SAM	10/23/25 20:26		Jaswal	OK
98	Q3414-08	SB-8	SAM	10/23/25 20:30		Jaswal	OK
99	Q3414-09	SB-9	SAM	10/23/25 20:35		Jaswal	OK
100	CCV09	CCV09	CCV	10/23/25 20:39		Jaswal	OK
101	CCB09	CCB09	CCB	10/23/25 20:43		Jaswal	OK
102	Q3414-10	SB-10	SAM	10/23/25 20:47		Jaswal	OK
103	Q3414-11	SB-11	SAM	10/23/25 20:52		Jaswal	OK
104	Q3414-12	SB-12	SAM	10/23/25 20:56		Jaswal	OK
105	Q3414-13	SB-13	SAM	10/23/25 21:00		Jaswal	OK
106	Q3427-04	TP-8	SAM	10/23/25 21:04		Jaswal	OK
107	Q3427-04DUP	TP-8DUP	DUP	10/23/25 21:08		Jaswal	OK
108	Q3427-04L	TP-8L	SD	10/23/25 21:13		Jaswal	OK
109	Q3427-04MS	TP-8MS	MS	10/23/25 21:17		Jaswal	OK
110	Q3427-04MSD	TP-8MSD	MSD	10/23/25 21:21		Jaswal	OK
111	Q3427-04A	TP-8A	PS	10/23/25 21:25	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
112	CCV10	CCV10	CCV	10/23/25 21:30		Jaswal	OK
113	CCB10	CCB10	CCB	10/23/25 21:34		Jaswal	OK
114	PB170225BL	PB170225BL	MB	10/23/25 21:38	NOT USE	Jaswal	Not Ok

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

115	PB170225BS	PB170225BS	LCS	10/23/25 21:42	NOT USE	Jaswal	Not Ok
116	Q3417-01	101425	SAM	10/23/25 21:46	NOT USE	Jaswal	Not Ok
117	Q3420-05	COMPOSITE	SAM	10/23/25 21:50	NOT USE	Jaswal	Not Ok
118	Q3420-05DUP	COMPOSITEDUP	DUP	10/23/25 21:55	NOT USE	Jaswal	Not Ok
119	Q3420-05L	COMPOSITEL	SD	10/23/25 21:59	NOT USE	Jaswal	Not Ok
120	Q3420-05MS	COMPOSITEMS	MS	10/23/25 22:03	NOT USE	Jaswal	Not Ok
121	Q3420-05MSD	COMPOSITEMSD	MSD	10/23/25 22:08	NOT USE	Jaswal	Not Ok
122	Q3420-05A	COMPOSITEA	PS	10/23/25 22:12	NOT USE	Jaswal	Not Ok
123	Q3422-02	PR132-FB2-2025102	SAM	10/23/25 22:16	NOT USE	Jaswal	Not Ok
124	CCV11	CCV11	CCV	10/23/25 22:20	CCV fail for Fe,K,Na,Tl	Jaswal	OK
125	CCB11	CCB11	CCB	10/23/25 22:24	CCB fail for K,Na	Jaswal	OK
126	Q3434-02	PR132-WC2-2025102	SAM	10/23/25 22:29	NOT USE	Jaswal	Not Ok
127	CCV12	CCV12	CCV	10/23/25 22:33	CCV fail for Fe,Na	Jaswal	OK
128	CCB12	CCB12	CCB	10/23/25 22:37	CCB fail for K,Na	Jaswal	OK

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette 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: 10/22/2025 Time : 12:30 Temp : 96 °C

End Digest Date: 10/22/2025 Time : 15:33 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SRS*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard 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	M6158
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 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25 16:33	<i>SRS met dig</i>	<i>[Signature]</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB170214BL	PBW214	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	1
PB170214BS	LCS214	<2	5	25	Colorless	Colorless	Clear	Clear	M6209,M6201	2
PB170214TB PB170112	LEB214 <i>LEB172 SR</i> <i>LO122/2025</i>	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	3
Q3368-06	OUTSIDE-DUMPSTER	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	4
Q3368-07	PRESS-SLUDGE	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	5
Q3397-04	TP-7-WC	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	6
Q3399-02	COMP-ROLLOFF	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	7
Q3402-03	41-LA	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	8
Q3402-06	41-RA	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	9
Q3402-09	41-LB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	10
Q3402-12	41-RB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	11
Q3403-04	MH-18	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	12
Q3404-02	MOO-25-0285-0288	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	13
Q3404-06	MOO-25-0292	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	14
Q3406-02	ARS20-0037	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	15
Q3412-04	TP-6	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	16
Q3412-04MS	TP-6MS	<2	5	25	Colorless	Colorless	Clear	Clear	M6209,M6201	18
Q3412-04MSD	TP-6MSD	<2	5	25	Colorless	Colorless	Clear	Clear	M6209,M6201	19
Q3412-04DUP	TP-6DUP	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	17

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pipette ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 10/22/2025 **Time :** 13:30 **Temp :** 95 °C

End Digest Date: 10/22/2025 **Time :** 15:30 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *MB*

Supervisor Signature: *12*

Temp : 1. 95°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87692
CCV	30mL	MP87694
CRA	30mL	MP87686
Blank Spike	0.48mL	MP87685
Matrix Spike	0.48mL	MP87685

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP87633
KMnO4 (5%)	4.5mL	MP87634
K2S2O8 (5%)	2.4mL	MP87635
Hydroxylamine HCL (12%)	1.8mL	MP87636
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

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP87686
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP87687
2.5 ppb	S2.5	30mL	MP87688
5.0 ppb	S5.0	30mL	MP87689
7.5 ppb	S7.5	30mL	MP87690
10.0 ppb	S10.0	30mL	MP87691
ICV	ICV	30mL	MP87692
ICB	ICB	30mL	MP87693
CCV	CCV	30mL	MP87694
CCB	CCB	30mL	MP87695
CRI	CRI	30mL	MP87696
CHK STD	CHK STD	30mL	MP87697

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25 16:20	<i>MB - 119-43</i>	<i>MB - 119-43</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170172TB	PB170172TB	3	30	<2	N/A	3-1
PB170219BL	PBW219	30	30	<2	N/A	2
PB170219BS	LCS219	30	30	<2	MP87685	3
Q3368-06	OUTSIDE-DUMPSTER	3	30	<2	N/A	4
Q3368-07	PRESS-SLUDGE	3	30	<2	N/A	5
Q3397-04	TP-7-WC	3	30	<2	N/A	6
Q3399-02	COMP-ROLLOFF	3	30	<2	N/A	7
Q3402-03	41-LA	3	30	<2	N/A	8
Q3402-06	41-RA	3	30	<2	N/A	9
Q3402-09	41-LB	3	30	<2	N/A	10
Q3402-12	41-RB	3	30	<2	N/A	11
Q3403-04	MH-18	3	30	<2	N/A	12
Q3404-02	MOO-25-0285-0288	3	30	<2	N/A	13
Q3404-06	MOO-25-0292	3	30	<2	N/A	14
Q3406-02	ARS20-0037	3	30	<2	N/A	15
Q3412-04	TP-6	3	30	<2	N/A	16
Q3412-04DUP	TP-6DUP	3	30	<2	N/A	17
Q3412-04MS	TP-6MS	3	30	<2	MP87685	18
Q3412-04MSD	TP-6MSD	3	30	<2	MP87685	19

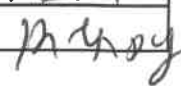
SOP ID :	M1311-TCLP-16	
SDG No :	N/A	Start Prep Date : 10/21/2025 Time : 14:00
Weigh By :	JP	End Prep Date : 10/22/2025 Time : 07:20
Balance ID :	WC SC-7	Combination Ratio : 20
pH Meter ID :	WC PH METER-1	ZHE Cleaning Batch : NA 10
Extraction By :	JP	Initial Room Temperature: 22 °C
Filter By :	JP	Final Room Temperature: 21 °C
Pipette ID :	WC	TCLP Technician Signature : 
Tumbler ID :	T-1 / T-2	Supervisor By : 12
TCLP Filter ID :	40718710	

Standard Name	MLS USED	STD REF. # FROM LOG
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

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP114525
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
N/A	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 / T-2 checked,30 rpm. q3412-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25 09:30	 / CO Room	SKG. ET / EXT
	Preparation Group	Analysis Group 

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170172TB	LEB172	14	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3368-06	OUTSIDE-DUMPSTER	01	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q3368-07	PRESS-SLUDGE	02	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3397-04	TP-7-WC	03	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3399-02	COMP-ROLLOFF	04	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q3402-03	41-LA	05	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3402-06	41-RA	06	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-09	41-LB	07	100.01	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-12	41-RB	08	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3403-04	MH-18	09	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3404-02	MOO-25-0285-0288	10	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q3404-06	MOO-25-0292	11	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q3406-02	ARS20-0037	12	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q3412-04	TP-6	13	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB170172TB	LEB172	N/A	N/A	N/A	N/A	N/A	N/A
Q3368-06	OUTSIDE-DUMPSTER	N/A	N/A	N/A	N/A	100	N/A
Q3368-07	PRESS-SLUDGE	N/A	N/A	N/A	N/A	100	N/A
Q3397-04	TP-7-WC	N/A	N/A	N/A	N/A	100	N/A
Q3399-02	COMP-ROLLOFF	N/A	N/A	N/A	N/A	100	N/A
Q3402-03	41-LA	N/A	N/A	N/A	N/A	100	N/A
Q3402-06	41-RA	N/A	N/A	N/A	N/A	100	N/A
Q3402-09	41-LB	N/A	N/A	N/A	N/A	100	N/A
Q3402-12	41-RB	N/A	N/A	N/A	N/A	100	N/A
Q3403-04	MH-18	N/A	N/A	N/A	N/A	100	N/A
Q3404-02	MOO-25-0285-0288	N/A	N/A	N/A	N/A	100	N/A
Q3404-06	MOO-25-0292	N/A	N/A	N/A	N/A	100	N/A
Q3406-02	ARS20-0037	N/A	N/A	N/A	N/A	100	N/A
Q3412-04	TP-6	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 / WC S-2
Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB170172TB	LEB172	N/A	N/A	N/A	N/A	#1	4.94
Q3368-06	OUTSIDE-DUMPSTER	5.02	96.5	7.0	2.5	#1	4.94
Q3368-07	PRESS-SLUDGE	5.01	96.5	5.5	1.5	#1	4.94
Q3397-04	TP-7-WC	5.03	96.5	7.6	2.5	#1	4.94
Q3399-02	COMP-ROLLOFF	5.02	96.5	7.0	2.0	#1	4.94
Q3402-03	41-LA	5.01	96.5	7.6	2.5	#1	4.94
Q3402-06	41-RA	5.02	96.5	7.2	2.0	#1	4.94
Q3402-09	41-LB	5.02	96.5	7.2	2.5	#1	4.94
Q3402-12	41-RB	5.03	96.5	7.2	2.5	#1	4.94
Q3403-04	MH-18	5.02	96.5	5.6	1.5	#1	4.94
Q3404-02	MOO-25-0285-0288	5.03	96.5	6.0	2.0	#1	4.94
Q3404-06	MOO-25-0292	5.02	96.5	5.6	1.5	#1	4.94
Q3406-02	ARS20-0037	5.01	96.5	6.0	2.0	#1	4.94
Q3412-04	TP-6	5.02	96.5	8.6	3.0	#1	4.94