

LAB CHRONICLE

OrderID:	Q3400	OrderDate:	10/20/2025 1:25:31 PM
Client:	ICE Service Group, Inc.	Project:	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	Location:	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3400-01	FRAC-TANK-0760450	Water			10/20/25			10/20/25
			Mercury	7470A		10/21/25	10/21/25	
			Metals Group4	6010D		10/21/25	10/21/25	



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

SDG No.: Q3400 **Order ID:** Q3400
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 : FRAC-TANK-0760450									
Q3400-01	FRAC-TANK-0760450	Water	Arsenic	13.4		2.56	7.50	10.0	ug/L
Q3400-01	FRAC-TANK-0760450	Water	Barium	168		7.28	12.5	50.0	ug/L
Q3400-01	FRAC-TANK-0760450	Water	Cadmium	0.34	J	0.25	0.75	3.00	ug/L
Q3400-01	FRAC-TANK-0760450	Water	Chromium	67.3		1.06	2.50	5.00	ug/L
Q3400-01	FRAC-TANK-0760450	Water	Copper	51.5		2.30	8.00	10.0	ug/L
Q3400-01	FRAC-TANK-0760450	Water	Lead	49.5		1.15	4.80	6.00	ug/L
Q3400-01	FRAC-TANK-0760450	Water	Mercury	0.15	J	0.076	0.16	0.20	ug/L
Q3400-01	FRAC-TANK-0760450	Water	Nickel	24.8		1.53	5.00	20.0	ug/L
Q3400-01	FRAC-TANK-0760450	Water	Zinc	70.2		8.33	7.50	20.0	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:	FRAC-TANK-0760450	SDG No.:	Q3400
Lab Sample ID:	Q3400-01	Matrix:	Water
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	13.4		1	2.56	7.50	10.0	ug/L	10/21/25 16:10	10/21/25 18:44	6010D	SW3010
7440-39-3	Barium	168		1	7.28	12.5	50.0	ug/L	10/21/25 16:10	10/21/25 18:44	6010D	SW3010
7440-43-9	Cadmium	0.34	JN	1	0.25	0.75	3.00	ug/L	10/21/25 16:10	10/21/25 18:44	6010D	SW3010
7440-47-3	Chromium	67.3		1	1.06	2.50	5.00	ug/L	10/21/25 16:10	10/21/25 18:44	6010D	SW3010
7440-50-8	Copper	51.5		1	2.30	8.00	10.0	ug/L	10/21/25 16:10	10/21/25 18:44	6010D	SW3010
7439-92-1	Lead	49.5	N	1	1.15	4.80	6.00	ug/L	10/21/25 16:10	10/21/25 18:44	6010D	SW3010
7439-97-6	Mercury	0.15	J	1	0.076	0.16	0.20	ug/L	10/21/25 12:55	10/21/25 17:38	7470A	
7440-02-0	Nickel	24.8		1	1.53	5.00	20.0	ug/L	10/21/25 16:10	10/21/25 18:44	6010D	SW3010
7782-49-2	Selenium	8.00	U	1	4.82	8.00	10.0	ug/L	10/21/25 16:10	10/21/25 18:44	6010D	SW3010
7440-22-4	Silver	2.50	U	1	0.81	2.50	5.00	ug/L	10/21/25 16:10	10/21/25 18:44	6010D	SW3010
7440-66-6	Zinc	70.2		1	8.33	7.50	20.0	ug/L	10/21/25 16:10	10/21/25 18:44	6010D	SW3010

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



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc.

SDG No.: Q3400

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
ICV82	Mercury	4.02	4.0	101	90 - 110	CV	10/21/2025	17:10	LB137605

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc.

SDG No.: Q3400

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
CCV68	Mercury	4.81	5.0	96	90 - 110	CV	10/21/2025	17:15	LB137605
CCV69	Mercury	5.28	5.0	106	90 - 110	CV	10/21/2025	17:43	LB137605
CCV70	Mercury	5.12	5.0	102	90 - 110	CV	10/21/2025	18:00	LB137605

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc.

SDG No.: Q3400

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
ICV01	Arsenic	3800	4000	95	95 - 105	P	10/21/2025	12:40	LB137613
	Barium	7500	8000	94	95 - 105	P	10/21/2025	12:40	LB137613
	Cadmium	1890	2000	94	95 - 105	P	10/21/2025	12:40	LB137613
	Chromium	784	800	98	95 - 105	P	10/21/2025	12:40	LB137613
	Copper	976	1000	98	95 - 105	P	10/21/2025	12:40	LB137613
	Lead	3700	4000	92	95 - 105	P	10/21/2025	12:40	LB137613
	Nickel	1910	2000	95	95 - 105	P	10/21/2025	12:40	LB137613
	Selenium	3850	4000	96	95 - 105	P	10/21/2025	12:40	LB137613
	Silver	956	1000	96	95 - 105	P	10/21/2025	12:40	LB137613
	Zinc	1920	2000	96	95 - 105	P	10/21/2025	12:40	LB137613

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc.

SDG No.: Q3400

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	20.1	20.0	100	80 - 120	P	10/21/2025	12:44	LB137613
	Barium	95.0	100	95	80 - 120	P	10/21/2025	12:44	LB137613
	Cadmium	5.68	6.0	95	80 - 120	P	10/21/2025	12:44	LB137613
	Chromium	9.98	10.0	100	80 - 120	P	10/21/2025	12:44	LB137613
	Copper	21.5	20.0	107	80 - 120	P	10/21/2025	12:44	LB137613
	Lead	11.0	12.0	92	80 - 120	P	10/21/2025	12:44	LB137613
	Nickel	38.9	40.0	97	80 - 120	P	10/21/2025	12:44	LB137613
	Selenium	23.1	20.0	115	80 - 120	P	10/21/2025	12:44	LB137613
	Silver	10.3	10.0	103	80 - 120	P	10/21/2025	12:44	LB137613
	Zinc	41.7	40.0	104	80 - 120	P	10/21/2025	12:44	LB137613

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc.

SDG No.: Q3400

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
CCV01	Arsenic	4820	5000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Barium	9660	10000	97	90 - 110	P	10/21/2025	13:45	LB137613
	Cadmium	2420	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
	Chromium	976	1000	98	90 - 110	P	10/21/2025	13:45	LB137613
	Copper	1220	1250	98	90 - 110	P	10/21/2025	13:45	LB137613
	Lead	4800	5000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Nickel	2410	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
	Selenium	4820	5000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Silver	1200	1250	96	90 - 110	P	10/21/2025	13:45	LB137613
	Zinc	2430	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
CCV02	Arsenic	4830	5000	97	90 - 110	P	10/21/2025	15:03	LB137613
	Barium	9800	10000	98	90 - 110	P	10/21/2025	15:03	LB137613
	Cadmium	2310	2500	92	90 - 110	P	10/21/2025	15:03	LB137613
	Chromium	934	1000	93	90 - 110	P	10/21/2025	15:03	LB137613
	Copper	1210	1250	96	90 - 110	P	10/21/2025	15:03	LB137613
	Lead	4660	5000	93	90 - 110	P	10/21/2025	15:03	LB137613
	Nickel	2330	2500	93	90 - 110	P	10/21/2025	15:03	LB137613
	Selenium	4920	5000	98	90 - 110	P	10/21/2025	15:03	LB137613
	Silver	1200	1250	96	90 - 110	P	10/21/2025	15:03	LB137613
	Zinc	2370	2500	95	90 - 110	P	10/21/2025	15:03	LB137613
CCV03	Arsenic	4820	5000	96	90 - 110	P	10/21/2025	15:56	LB137613
	Barium	9710	10000	97	90 - 110	P	10/21/2025	15:56	LB137613
	Cadmium	2330	2500	93	90 - 110	P	10/21/2025	15:56	LB137613
	Chromium	941	1000	94	90 - 110	P	10/21/2025	15:56	LB137613
	Copper	1210	1250	96	90 - 110	P	10/21/2025	15:56	LB137613
	Lead	4680	5000	94	90 - 110	P	10/21/2025	15:56	LB137613
	Nickel	2350	2500	94	90 - 110	P	10/21/2025	15:56	LB137613
	Selenium	4870	5000	97	90 - 110	P	10/21/2025	15:56	LB137613
	Silver	1200	1250	96	90 - 110	P	10/21/2025	15:56	LB137613
	Zinc	2390	2500	96	90 - 110	P	10/21/2025	15:56	LB137613
CCV04	Arsenic	4750	5000	95	90 - 110	P	10/21/2025	16:48	LB137613
	Barium	9490	10000	95	90 - 110	P	10/21/2025	16:48	LB137613
	Cadmium	2300	2500	92	90 - 110	P	10/21/2025	16:48	LB137613
	Chromium	934	1000	93	90 - 110	P	10/21/2025	16:48	LB137613

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc.

SDG No.: Q3400

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
CCV04	Copper	1190	1250	96	90 - 110	P	10/21/2025	16:48	LB137613
	Lead	4640	5000	93	90 - 110	P	10/21/2025	16:48	LB137613
	Nickel	2330	2500	93	90 - 110	P	10/21/2025	16:48	LB137613
	Selenium	4830	5000	97	90 - 110	P	10/21/2025	16:48	LB137613
	Silver	1210	1250	97	90 - 110	P	10/21/2025	16:48	LB137613
	Zinc	2400	2500	96	90 - 110	P	10/21/2025	16:48	LB137613
CCV05	Arsenic	4900	5000	98	90 - 110	P	10/21/2025	17:37	LB137613
	Barium	9470	10000	95	90 - 110	P	10/21/2025	17:37	LB137613
	Cadmium	2370	2500	95	90 - 110	P	10/21/2025	17:37	LB137613
	Chromium	964	1000	96	90 - 110	P	10/21/2025	17:37	LB137613
	Copper	1220	1250	98	90 - 110	P	10/21/2025	17:37	LB137613
	Lead	4780	5000	96	90 - 110	P	10/21/2025	17:37	LB137613
	Nickel	2390	2500	96	90 - 110	P	10/21/2025	17:37	LB137613
	Selenium	5030	5000	100	90 - 110	P	10/21/2025	17:37	LB137613
	Silver	1210	1250	97	90 - 110	P	10/21/2025	17:37	LB137613
	Zinc	2430	2500	97	90 - 110	P	10/21/2025	17:37	LB137613
CCV06	Arsenic	4750	5000	95	90 - 110	P	10/21/2025	18:27	LB137613
	Barium	9370	10000	94	90 - 110	P	10/21/2025	18:27	LB137613
	Cadmium	2270	2500	91	90 - 110	P	10/21/2025	18:27	LB137613
	Chromium	905	1000	90	90 - 110	P	10/21/2025	18:27	LB137613
	Copper	1180	1250	95	90 - 110	P	10/21/2025	18:27	LB137613
	Lead	4610	5000	92	90 - 110	P	10/21/2025	18:27	LB137613
	Nickel	2300	2500	92	90 - 110	P	10/21/2025	18:27	LB137613
	Selenium	4870	5000	97	90 - 110	P	10/21/2025	18:27	LB137613
	Silver	1170	1250	94	90 - 110	P	10/21/2025	18:27	LB137613
	Zinc	2320	2500	93	90 - 110	P	10/21/2025	18:27	LB137613
	Arsenic	4770	5000	95	90 - 110	P	10/21/2025	19:18	LB137613
	Barium	9640	10000	96	90 - 110	P	10/21/2025	19:18	LB137613
CCV07	Cadmium	2320	2500	93	90 - 110	P	10/21/2025	19:18	LB137613
	Chromium	945	1000	94	90 - 110	P	10/21/2025	19:18	LB137613
	Copper	1200	1250	96	90 - 110	P	10/21/2025	19:18	LB137613
	Lead	4680	5000	94	90 - 110	P	10/21/2025	19:18	LB137613
	Nickel	2350	2500	94	90 - 110	P	10/21/2025	19:18	LB137613
	Selenium	4850	5000	97	90 - 110	P	10/21/2025	19:18	LB137613

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc.

SDG No.: Q3400

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
CCV07	Silver	1190	1250	95	90 - 110	P	10/21/2025	19:18	LB137613
	Zinc	2370	2500	95	90 - 110	P	10/21/2025	19:18	LB137613
CCV08	Arsenic	4850	5000	97	90 - 110	P	10/21/2025	20:03	LB137613
	Barium	9610	10000	96	90 - 110	P	10/21/2025	20:03	LB137613
	Cadmium	2330	2500	93	90 - 110	P	10/21/2025	20:03	LB137613
	Chromium	915	1000	92	90 - 110	P	10/21/2025	20:03	LB137613
	Copper	1210	1250	97	90 - 110	P	10/21/2025	20:03	LB137613
	Lead	4730	5000	94	90 - 110	P	10/21/2025	20:03	LB137613
	Nickel	2350	2500	94	90 - 110	P	10/21/2025	20:03	LB137613
	Selenium	4970	5000	100	90 - 110	P	10/21/2025	20:03	LB137613
	Silver	1190	1250	95	90 - 110	P	10/21/2025	20:03	LB137613
	Zinc	2340	2500	94	90 - 110	P	10/21/2025	20:03	LB137613

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc.

SDG No.: Q3400

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
ICV01	Arsenic	4060	4000	102	90 - 110	P	11/03/2025	12:08	LB137750
	Barium	7810	8000	98	90 - 110	P	11/03/2025	12:08	LB137750
	Cadmium	1990	2000	100	90 - 110	P	11/03/2025	12:08	LB137750
	Chromium	832	800	104	90 - 110	P	11/03/2025	12:08	LB137750
	Copper	1030	1000	103	90 - 110	P	11/03/2025	12:08	LB137750
	Lead	4020	4000	101	90 - 110	P	11/03/2025	12:08	LB137750
	Nickel	2010	2000	101	90 - 110	P	11/03/2025	12:08	LB137750
	Selenium	4110	4000	103	90 - 110	P	11/03/2025	12:08	LB137750
	Silver	1030	1000	103	90 - 110	P	11/03/2025	12:08	LB137750
	Zinc	2040	2000	102	90 - 110	P	11/03/2025	12:08	LB137750

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc.

SDG No.: Q3400

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	20.9	20.0	105	80 - 120	P	11/03/2025	12:27	LB137750
	Barium	92.2	100	92	80 - 120	P	11/03/2025	12:27	LB137750
	Cadmium	5.83	6.0	97	80 - 120	P	11/03/2025	12:27	LB137750
	Chromium	10.2	10.0	102	80 - 120	P	11/03/2025	12:27	LB137750
	Copper	21.5	20.0	108	80 - 120	P	11/03/2025	12:27	LB137750
	Lead	11.0	12.0	91	80 - 120	P	11/03/2025	12:27	LB137750
	Nickel	39.5	40.0	99	80 - 120	P	11/03/2025	12:27	LB137750
	Selenium	17.7	20.0	89	80 - 120	P	11/03/2025	12:27	LB137750
	Silver	9.97	10.0	100	80 - 120	P	11/03/2025	12:27	LB137750
	Zinc	40.5	40.0	101	80 - 120	P	11/03/2025	12:27	LB137750

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client:	<u>ICE Service Group, Inc.</u>	SDG No.:	<u>Q3400</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	5120	5000	102	90 - 110	P	11/03/2025	12:56	LB137750
	Barium	10200	10000	102	90 - 110	P	11/03/2025	12:56	LB137750
	Cadmium	2540	2500	102	90 - 110	P	11/03/2025	12:56	LB137750
	Chromium	1030	1000	103	90 - 110	P	11/03/2025	12:56	LB137750
	Copper	1280	1250	103	90 - 110	P	11/03/2025	12:56	LB137750
	Lead	5070	5000	101	90 - 110	P	11/03/2025	12:56	LB137750
	Nickel	2540	2500	102	90 - 110	P	11/03/2025	12:56	LB137750
	Selenium	5150	5000	103	90 - 110	P	11/03/2025	12:56	LB137750
	Silver	1280	1250	102	90 - 110	P	11/03/2025	12:56	LB137750
	Zinc	2590	2500	104	90 - 110	P	11/03/2025	12:56	LB137750
CCV02	Arsenic	4950	5000	99	90 - 110	P	11/03/2025	14:07	LB137750
	Barium	9540	10000	95	90 - 110	P	11/03/2025	14:07	LB137750
	Cadmium	2460	2500	98	90 - 110	P	11/03/2025	14:07	LB137750
	Chromium	1010	1000	101	90 - 110	P	11/03/2025	14:07	LB137750
	Copper	1230	1250	98	90 - 110	P	11/03/2025	14:07	LB137750
	Lead	4910	5000	98	90 - 110	P	11/03/2025	14:07	LB137750
	Nickel	2450	2500	98	90 - 110	P	11/03/2025	14:07	LB137750
	Selenium	5010	5000	100	90 - 110	P	11/03/2025	14:07	LB137750
	Silver	1240	1250	99	90 - 110	P	11/03/2025	14:07	LB137750
	Zinc	2500	2500	100	90 - 110	P	11/03/2025	14:07	LB137750
CCV03	Arsenic	5060	5000	101	90 - 110	P	11/03/2025	15:00	LB137750
	Barium	9920	10000	99	90 - 110	P	11/03/2025	15:00	LB137750
	Cadmium	2530	2500	101	90 - 110	P	11/03/2025	15:00	LB137750
	Chromium	1020	1000	102	90 - 110	P	11/03/2025	15:00	LB137750
	Copper	1280	1250	102	90 - 110	P	11/03/2025	15:00	LB137750
	Lead	5030	5000	101	90 - 110	P	11/03/2025	15:00	LB137750
	Nickel	2540	2500	102	90 - 110	P	11/03/2025	15:00	LB137750
	Selenium	5100	5000	102	90 - 110	P	11/03/2025	15:00	LB137750
	Silver	1260	1250	101	90 - 110	P	11/03/2025	15:00	LB137750
	Zinc	2540	2500	102	90 - 110	P	11/03/2025	15:00	LB137750
CCV04	Arsenic	4940	5000	99	90 - 110	P	11/03/2025	15:51	LB137750
	Barium	9490	10000	95	90 - 110	P	11/03/2025	15:51	LB137750
	Cadmium	2450	2500	98	90 - 110	P	11/03/2025	15:51	LB137750
	Chromium	1010	1000	101	90 - 110	P	11/03/2025	15:51	LB137750

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc.
Contract: ICES02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3400
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Copper	1240	1250	99	90 - 110	P	11/03/2025	15:51	LB137750
	Lead	4870	5000	97	90 - 110	P	11/03/2025	15:51	LB137750
	Nickel	2460	2500	98	90 - 110	P	11/03/2025	15:51	LB137750
	Selenium	4970	5000	100	90 - 110	P	11/03/2025	15:51	LB137750
	Silver	1230	1250	99	90 - 110	P	11/03/2025	15:51	LB137750
	Zinc	2480	2500	99	90 - 110	P	11/03/2025	15:51	LB137750
CCV05	Arsenic	4980	5000	100	90 - 110	P	11/03/2025	16:41	LB137750
	Barium	9610	10000	96	90 - 110	P	11/03/2025	16:41	LB137750
	Cadmium	2420	2500	97	90 - 110	P	11/03/2025	16:41	LB137750
	Chromium	992	1000	99	90 - 110	P	11/03/2025	16:41	LB137750
	Copper	1240	1250	99	90 - 110	P	11/03/2025	16:41	LB137750
	Lead	4870	5000	97	90 - 110	P	11/03/2025	16:41	LB137750
	Nickel	2460	2500	98	90 - 110	P	11/03/2025	16:41	LB137750
	Selenium	5090	5000	102	90 - 110	P	11/03/2025	16:41	LB137750
	Silver	1240	1250	100	90 - 110	P	11/03/2025	16:41	LB137750
	Zinc	2490	2500	100	90 - 110	P	11/03/2025	16:41	LB137750
CCV06	Arsenic	4850	5000	97	90 - 110	P	11/03/2025	17:32	LB137750
	Barium	9540	10000	95	90 - 110	P	11/03/2025	17:32	LB137750
	Cadmium	2410	2500	96	90 - 110	P	11/03/2025	17:32	LB137750
	Chromium	979	1000	98	90 - 110	P	11/03/2025	17:32	LB137750
	Copper	1220	1250	98	90 - 110	P	11/03/2025	17:32	LB137750
	Lead	4800	5000	96	90 - 110	P	11/03/2025	17:32	LB137750
	Nickel	2440	2500	98	90 - 110	P	11/03/2025	17:32	LB137750
	Selenium	4910	5000	98	90 - 110	P	11/03/2025	17:32	LB137750
	Silver	1210	1250	97	90 - 110	P	11/03/2025	17:32	LB137750
	Zinc	2440	2500	98	90 - 110	P	11/03/2025	17:32	LB137750
	Arsenic	4830	5000	96	90 - 110	P	11/03/2025	18:21	LB137750
	Barium	9600	10000	96	90 - 110	P	11/03/2025	18:21	LB137750
CCV07	Cadmium	2390	2500	96	90 - 110	P	11/03/2025	18:21	LB137750
	Chromium	955	1000	96	90 - 110	P	11/03/2025	18:21	LB137750
	Copper	1210	1250	97	90 - 110	P	11/03/2025	18:21	LB137750
	Lead	4790	5000	96	90 - 110	P	11/03/2025	18:21	LB137750
	Nickel	2430	2500	97	90 - 110	P	11/03/2025	18:21	LB137750
	Selenium	4900	5000	98	90 - 110	P	11/03/2025	18:21	LB137750

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc.
Contract: ICES02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3400
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Silver	1200	1250	96	90 - 110	P	11/03/2025	18:21	LB137750
	Zinc	2420	2500	97	90 - 110	P	11/03/2025	18:21	LB137750
CCV08	Arsenic	5.12	5000	0	90 - 110	P	11/03/2025	19:11	LB137750
	Barium	14.6	10000	0	90 - 110	P	11/03/2025	19:11	LB137750
	Cadmium	0.50	2500	0	90 - 110	P	11/03/2025	19:11	LB137750
	Chromium	2.12	1000	0	90 - 110	P	11/03/2025	19:11	LB137750
	Copper	4.60	1250	0	90 - 110	P	11/03/2025	19:11	LB137750
	Lead	2.30	5000	0	90 - 110	P	11/03/2025	19:11	LB137750
	Nickel	3.06	2500	0	90 - 110	P	11/03/2025	19:11	LB137750
	Selenium	9.64	5000	0	90 - 110	P	11/03/2025	19:11	LB137750
	Silver	1.62	1250	0	90 - 110	P	11/03/2025	19:11	LB137750
	Zinc	16.7	2500	0	90 - 110	P	11/03/2025	19:11	LB137750
CCV09	Arsenic	4920	5000	98	90 - 110	P	11/03/2025	20:02	LB137750
	Barium	9460	10000	95	90 - 110	P	11/03/2025	20:02	LB137750
	Cadmium	2440	2500	98	90 - 110	P	11/03/2025	20:02	LB137750
	Chromium	989	1000	99	90 - 110	P	11/03/2025	20:02	LB137750
	Copper	1230	1250	99	90 - 110	P	11/03/2025	20:02	LB137750
	Lead	4860	5000	97	90 - 110	P	11/03/2025	20:02	LB137750
	Nickel	2470	2500	99	90 - 110	P	11/03/2025	20:02	LB137750
	Selenium	4970	5000	99	90 - 110	P	11/03/2025	20:02	LB137750
	Silver	1220	1250	98	90 - 110	P	11/03/2025	20:02	LB137750
	Zinc	2460	2500	98	90 - 110	P	11/03/2025	20:02	LB137750
CCV10	Arsenic	4870	5000	97	90 - 110	P	11/03/2025	20:15	LB137750
	Barium	9520	10000	95	90 - 110	P	11/03/2025	20:15	LB137750
	Cadmium	2430	2500	97	90 - 110	P	11/03/2025	20:15	LB137750
	Chromium	974	1000	97	90 - 110	P	11/03/2025	20:15	LB137750
	Copper	1230	1250	98	90 - 110	P	11/03/2025	20:15	LB137750
	Lead	4840	5000	97	90 - 110	P	11/03/2025	20:15	LB137750
	Nickel	2460	2500	98	90 - 110	P	11/03/2025	20:15	LB137750
	Selenium	4920	5000	98	90 - 110	P	11/03/2025	20:15	LB137750
	Silver	1210	1250	97	90 - 110	P	11/03/2025	20:15	LB137750
	Zinc	2450	2500	98	90 - 110	P	11/03/2025	20:15	LB137750



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

Metals

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CRDL STANDARD FOR AA & ICP

Client: ICE Service Group, Inc.

SDG No.: Q3400

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
CRI01	Arsenic	22.2	20.0	111	65 - 135	P	10/21/2025	12:54	LB137613
	Barium	98.1	100	98	65 - 135	P	10/21/2025	12:54	LB137613
	Cadmium	5.59	6.0	93	65 - 135	P	10/21/2025	12:54	LB137613
	Chromium	9.94	10.0	99	65 - 135	P	10/21/2025	12:54	LB137613
	Copper	21.6	20.0	108	65 - 135	P	10/21/2025	12:54	LB137613
	Lead	11.9	12.0	99	65 - 135	P	10/21/2025	12:54	LB137613
	Nickel	38.6	40.0	96	65 - 135	P	10/21/2025	12:54	LB137613
	Selenium	24.3	20.0	121	65 - 135	P	10/21/2025	12:54	LB137613
	Silver	9.95	10.0	100	65 - 135	P	10/21/2025	12:54	LB137613
	Zinc	41.9	40.0	105	65 - 135	P	10/21/2025	12:54	LB137613
CRA	Mercury	0.17	0.2	83	70 - 130	CV	10/21/2025	17:19	LB137605
CRI01	Arsenic	20.9	20.0	105	65 - 135	P	11/03/2025	12:35	LB137750
	Barium	98.9	100	99	65 - 135	P	11/03/2025	12:35	LB137750
	Cadmium	5.88	6.0	98	65 - 135	P	11/03/2025	12:35	LB137750
	Chromium	10.5	10.0	106	65 - 135	P	11/03/2025	12:35	LB137750
	Copper	22.2	20.0	111	65 - 135	P	11/03/2025	12:35	LB137750
	Lead	12.7	12.0	106	65 - 135	P	11/03/2025	12:35	LB137750
	Nickel	40.3	40.0	101	65 - 135	P	11/03/2025	12:35	LB137750
	Selenium	17.2	20.0	86	65 - 135	P	11/03/2025	12:35	LB137750
	Silver	10.2	10.0	102	65 - 135	P	11/03/2025	12:35	LB137750
	Zinc	42.3	40.0	106	65 - 135	P	11/03/2025	12:35	LB137750



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3400

Contract: ICES02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB82	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/21/2025	17:12	LB137605

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3400

Contract: ICES02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB68	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/21/2025	17:17	LB137605
CCB69	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/21/2025	17:45	LB137605
CCB70	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/21/2025	18:03	LB137605

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3400

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	10/21/2025	12:50	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	12:50	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	12:50	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	12:50	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	12:50	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	12:50	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	12:50	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	12:50	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	12:50	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	12:50	LB137613

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3400

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	10/21/2025	13:54	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	13:54	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	13:54	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	13:54	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	13:54	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	13:54	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	13:54	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	13:54	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	13:54	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	13:54	LB137613
CCB02	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	15:07	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	15:07	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	15:07	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	15:07	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	15:07	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	15:07	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	15:07	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	15:07	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	15:07	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	15:07	LB137613
CCB03	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	16:00	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	16:00	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	16:00	LB137613
	Chromium	2.83	+/-5	J	5.00	10.0	P	10/21/2025	16:00	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	16:00	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	16:00	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	16:00	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	16:00	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	16:00	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	16:00	LB137613
CCB04	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	16:52	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	16:52	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	16:52	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	16:52	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	16:52	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	16:52	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	16:52	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	16:52	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	16:52	LB137613

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3400

Contract: ICES02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	16:52	LB137613
CCB05	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	17:41	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	17:41	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	17:41	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	17:41	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	17:41	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	17:41	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	17:41	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	17:41	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	17:41	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	17:41	LB137613
CCB06	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	18:31	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	18:31	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	18:31	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	18:31	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	18:31	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	18:31	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	18:31	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	18:31	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	18:31	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	18:31	LB137613
CCB07	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	19:22	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	19:22	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	19:22	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	19:22	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	19:22	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	19:22	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	19:22	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	19:22	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	19:22	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	19:22	LB137613
CCB08	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	20:07	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	20:07	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	20:07	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	20:07	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	20:07	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	20:07	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	20:07	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	20:07	LB137613

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3400

Contract: ICES02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	20:07	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	20:07	LB137613

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3400

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	11/03/2025	12:31	LB137750
	Barium	14.6	+/-50	U	25.0	100	P	11/03/2025	12:31	LB137750
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/03/2025	12:31	LB137750
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/03/2025	12:31	LB137750
	Copper	4.60	+/-10	U	16.0	20.0	P	11/03/2025	12:31	LB137750
	Lead	2.30	+/-6	U	9.60	12.0	P	11/03/2025	12:31	LB137750
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/03/2025	12:31	LB137750
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/03/2025	12:31	LB137750
	Silver	1.62	+/-5	U	5.00	10.0	P	11/03/2025	12:31	LB137750
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/03/2025	12:31	LB137750

- 3a -

Client: ICE Service Group, Inc.

SDG No.: Q3400

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	11/03/2025	13:01	LB137750
	Barium	14.6	+/-50	U	25.0	100	P	11/03/2025	13:01	LB137750
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/03/2025	13:01	LB137750
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/03/2025	13:01	LB137750
	Copper	4.60	+/-10	U	16.0	20.0	P	11/03/2025	13:01	LB137750
	Lead	2.30	+/-6	U	9.60	12.0	P	11/03/2025	13:01	LB137750
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/03/2025	13:01	LB137750
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/03/2025	13:01	LB137750
	Silver	1.62	+/-5	U	5.00	10.0	P	11/03/2025	13:01	LB137750
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/03/2025	13:01	LB137750
CCB02	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/03/2025	14:11	LB137750
	Barium	14.6	+/-50	U	25.0	100	P	11/03/2025	14:11	LB137750
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/03/2025	14:11	LB137750
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/03/2025	14:11	LB137750
	Copper	4.60	+/-10	U	16.0	20.0	P	11/03/2025	14:11	LB137750
	Lead	2.30	+/-6	U	9.60	12.0	P	11/03/2025	14:11	LB137750
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/03/2025	14:11	LB137750
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/03/2025	14:11	LB137750
	Silver	1.62	+/-5	U	5.00	10.0	P	11/03/2025	14:11	LB137750
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/03/2025	14:11	LB137750
CCB03	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/03/2025	15:04	LB137750
	Barium	14.6	+/-50	U	25.0	100	P	11/03/2025	15:04	LB137750
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/03/2025	15:04	LB137750
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/03/2025	15:04	LB137750
	Copper	4.60	+/-10	U	16.0	20.0	P	11/03/2025	15:04	LB137750
	Lead	2.30	+/-6	U	9.60	12.0	P	11/03/2025	15:04	LB137750
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/03/2025	15:04	LB137750
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/03/2025	15:04	LB137750
	Silver	1.62	+/-5	U	5.00	10.0	P	11/03/2025	15:04	LB137750
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/03/2025	15:04	LB137750
CCB04	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/03/2025	15:55	LB137750
	Barium	14.6	+/-50	U	25.0	100	P	11/03/2025	15:55	LB137750
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/03/2025	15:55	LB137750
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/03/2025	15:55	LB137750
	Copper	4.60	+/-10	U	16.0	20.0	P	11/03/2025	15:55	LB137750
	Lead	2.30	+/-6	U	9.60	12.0	P	11/03/2025	15:55	LB137750
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/03/2025	15:55	LB137750
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/03/2025	15:55	LB137750
	Silver	1.62	+/-5	U	5.00	10.0	P	11/03/2025	15:55	LB137750

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3400

Contract: ICES02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Zinc	16.7	+/-20	U	15.0	40.0	P	11/03/2025	15:55	LB137750
CCB05	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/03/2025	16:45	LB137750
	Barium	14.6	+/-50	U	25.0	100	P	11/03/2025	16:45	LB137750
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/03/2025	16:45	LB137750
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/03/2025	16:45	LB137750
	Copper	4.60	+/-10	U	16.0	20.0	P	11/03/2025	16:45	LB137750
	Lead	2.30	+/-6	U	9.60	12.0	P	11/03/2025	16:45	LB137750
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/03/2025	16:45	LB137750
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/03/2025	16:45	LB137750
	Silver	1.62	+/-5	U	5.00	10.0	P	11/03/2025	16:45	LB137750
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/03/2025	16:45	LB137750
CCB06	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/03/2025	17:36	LB137750
	Barium	14.6	+/-50	U	25.0	100	P	11/03/2025	17:36	LB137750
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/03/2025	17:36	LB137750
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/03/2025	17:36	LB137750
	Copper	4.60	+/-10	U	16.0	20.0	P	11/03/2025	17:36	LB137750
	Lead	2.30	+/-6	U	9.60	12.0	P	11/03/2025	17:36	LB137750
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/03/2025	17:36	LB137750
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/03/2025	17:36	LB137750
	Silver	1.62	+/-5	U	5.00	10.0	P	11/03/2025	17:36	LB137750
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/03/2025	17:36	LB137750
CCB07	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/03/2025	18:25	LB137750
	Barium	14.6	+/-50	U	25.0	100	P	11/03/2025	18:25	LB137750
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/03/2025	18:25	LB137750
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/03/2025	18:25	LB137750
	Copper	4.60	+/-10	U	16.0	20.0	P	11/03/2025	18:25	LB137750
	Lead	2.30	+/-6	U	9.60	12.0	P	11/03/2025	18:25	LB137750
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/03/2025	18:25	LB137750
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/03/2025	18:25	LB137750
	Silver	1.62	+/-5	U	5.00	10.0	P	11/03/2025	18:25	LB137750
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/03/2025	18:25	LB137750
CCB08	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/03/2025	19:15	LB137750
	Barium	14.6	+/-50	U	25.0	100	P	11/03/2025	19:15	LB137750
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/03/2025	19:15	LB137750
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/03/2025	19:15	LB137750
	Copper	4.60	+/-10	U	16.0	20.0	P	11/03/2025	19:15	LB137750
	Lead	2.30	+/-6	U	9.60	12.0	P	11/03/2025	19:15	LB137750
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/03/2025	19:15	LB137750
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/03/2025	19:15	LB137750

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3400

Contract: ICES02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Silver	1.62	+/-5	U	5.00	10.0	P	11/03/2025	19:15	LB137750
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/03/2025	19:15	LB137750
CCB09	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/03/2025	20:06	LB137750
	Barium	14.6	+/-50	U	25.0	100	P	11/03/2025	20:06	LB137750
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/03/2025	20:06	LB137750
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/03/2025	20:06	LB137750
	Copper	4.60	+/-10	U	16.0	20.0	P	11/03/2025	20:06	LB137750
	Lead	2.30	+/-6	U	9.60	12.0	P	11/03/2025	20:06	LB137750
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/03/2025	20:06	LB137750
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/03/2025	20:06	LB137750
	Silver	1.62	+/-5	U	5.00	10.0	P	11/03/2025	20:06	LB137750
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/03/2025	20:06	LB137750
CCB10	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/03/2025	20:19	LB137750
	Barium	14.6	+/-50	U	25.0	100	P	11/03/2025	20:19	LB137750
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/03/2025	20:19	LB137750
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/03/2025	20:19	LB137750
	Copper	4.60	+/-10	U	16.0	20.0	P	11/03/2025	20:19	LB137750
	Lead	2.30	+/-6	U	9.60	12.0	P	11/03/2025	20:19	LB137750
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/03/2025	20:19	LB137750
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/03/2025	20:19	LB137750
	Silver	1.62	+/-5	U	5.00	10.0	P	11/03/2025	20:19	LB137750
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/03/2025	20:19	LB137750

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3400

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170194BL		WATER		Batch Number:		PB170194		Prep Date:	10/21/2025	
	Mercury	0.076	<0.2	U	0.16	0.20	CV	10/21/2025	17:26	LB137605

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3400

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170192BL	WATER			Batch Number:		PB170192		Prep Date:	10/21/2025	
	Arsenic	2.56	<5	U	7.50	10.0	P	11/03/2025	13:22	LB137750
	Barium	7.28	<25	U	12.5	50.0	P	11/03/2025	13:22	LB137750
	Cadmium	0.25	<1.5	U	0.75	3.00	P	11/03/2025	13:22	LB137750
	Chromium	1.06	<2.5	U	2.50	5.00	P	11/03/2025	13:22	LB137750
	Copper	2.30	<5	U	8.00	10.0	P	11/03/2025	13:22	LB137750
	Lead	1.15	<3	U	4.80	6.00	P	11/03/2025	13:22	LB137750
	Nickel	1.53	<10	U	5.00	20.0	P	11/03/2025	13:22	LB137750
	Selenium	4.82	<5	U	8.00	10.0	P	11/03/2025	13:22	LB137750
	Silver	0.81	<2.5	U	2.50	5.00	P	11/03/2025	13:22	LB137750
	Zinc	8.33	<10	U	7.50	20.0	P	11/03/2025	13:22	LB137750

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: ICE Service Group, Inc.	SDG No.: Q3400
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	7.43			-20	20	10/21/2025	12:59	LB137613
	Barium	0.21	6.0	4	-94	106	10/21/2025	12:59	LB137613
	Cadmium	1.42	1.0	142	-5	7	10/21/2025	12:59	LB137613
	Chromium	43.7	52.0	84	42	62	10/21/2025	12:59	LB137613
	Copper	17.8	2.0	890	-18	22	10/21/2025	12:59	LB137613
	Lead	-3.56			-12	12	10/21/2025	12:59	LB137613
	Nickel	3.80	2.0	190	-38	42	10/21/2025	12:59	LB137613
	Selenium	6.37			-20	20	10/21/2025	12:59	LB137613
	Silver	-2.89			-10	10	10/21/2025	12:59	LB137613
	Zinc	3.44			-40	40	10/21/2025	12:59	LB137613
ICSAB01	Arsenic	103	104	99	88.4	120	10/21/2025	13:03	LB137613
	Barium	471	537	88	437	637	10/21/2025	13:03	LB137613
	Cadmium	974	972	100	826	1120	10/21/2025	13:03	LB137613
	Chromium	536	542	99	460	624	10/21/2025	13:03	LB137613
	Copper	479	511	94	434	588	10/21/2025	13:03	LB137613
	Lead	45.8	49.0	94	37	61	10/21/2025	13:03	LB137613
	Nickel	973	954	102	810	1100	10/21/2025	13:03	LB137613
	Selenium	55.1	46.0	120	26	66	10/21/2025	13:03	LB137613
	Silver	203	201	101	170	232	10/21/2025	13:03	LB137613
	Zinc	1020	952	107	809	1095	10/21/2025	13:03	LB137613
ICSA01	Arsenic	6.54			-20	20	11/03/2025	12:40	LB137750
	Barium	-0.78	6.0	13	-94	106	11/03/2025	12:40	LB137750
	Cadmium	0.78	1.0	78	-5	7	11/03/2025	12:40	LB137750
	Chromium	48.6	52.0	94	42	62	11/03/2025	12:40	LB137750
	Copper	-10.2	2.0	510	-18	22	11/03/2025	12:40	LB137750
	Lead	1.29			-12	12	11/03/2025	12:40	LB137750
	Nickel	4.87	2.0	244	-38	42	11/03/2025	12:40	LB137750
	Selenium	-1.21			-20	20	11/03/2025	12:40	LB137750
	Silver	0.99			-10	10	11/03/2025	12:40	LB137750
	Zinc	1.65			-40	40	11/03/2025	12:40	LB137750
ICSAB01	Arsenic	108	104	104	88.4	120	11/03/2025	12:44	LB137750
	Barium	492	537	92	437	637	11/03/2025	12:44	LB137750
	Cadmium	989	972	102	826	1120	11/03/2025	12:44	LB137750
	Chromium	564	542	104	460	624	11/03/2025	12:44	LB137750
	Copper	464	511	91	434	588	11/03/2025	12:44	LB137750
	Lead	50.4	49.0	103	37	61	11/03/2025	12:44	LB137750
	Nickel	999	954	105	810	1100	11/03/2025	12:44	LB137750
	Selenium	50.0	46.0	109	26	66	11/03/2025	12:44	LB137750
	Silver	209	201	104	170	232	11/03/2025	12:44	LB137750
	Zinc	1040	952	109	809	1095	11/03/2025	12:44	LB137750



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: ICE Service Group, Inc.	level: low	sdg no.: Q3400
contract: ICES02		lab code: ACE
matrix: Water	sample id: Q3370-01	client id: WATER-TREATMENT DISCHARGEMS
Percent Solids for Sample: NA	Spiked ID: Q3370-01MS	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	382		10.0	U	400	96		P
Barium	ug/L	88 - 113	115		23.9	J	100	91		P
Cadmium	ug/L	88 - 113	87.9		3.00	U	100	88	N	P
Chromium	ug/L	90 - 113	202		15.2		200	93		P
Copper	ug/L	86 - 114	157		17.7		150	93		P
Lead	ug/L	86 - 113	423		6.00	U	500	85	N	P
Nickel	ug/L	88 - 113	244		16.9	J	250	91		P
Selenium	ug/L	83 - 114	958		10.0	U	1000	96		P
Silver	ug/L	84 - 115	33.2		5.00	U	37.5	88		P
Zinc	ug/L	87 - 115	777		661		100	116		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: ICE Service Group, Inc.	level: low	sdg no.: Q3400
contract: ICES02		lab code: ACE
matrix: Water	sample id: Q3370-01	client id: WATER-TREATMENT DISCHARGEMSD
Percent Solids for Sample: NA	Spiked ID: Q3370-01MSD	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	383		10.0	U	400	96		P
Barium	ug/L	88 - 113	117		23.9	J	100	93		P
Cadmium	ug/L	88 - 113	88.5		3.00	U	100	88		P
Chromium	ug/L	90 - 113	200		15.2		200	93		P
Copper	ug/L	86 - 114	158		17.7		150	93		P
Lead	ug/L	86 - 113	427		6.00	U	500	85	N	P
Nickel	ug/L	88 - 113	245		16.9	J	250	91		P
Selenium	ug/L	83 - 114	961		10.0	U	1000	96		P
Silver	ug/L	84 - 115	33.5		5.00	U	37.5	89		P
Zinc	ug/L	87 - 115	761		661		100	100		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: ICE Service Group, Inc. **level:** low **sdg no.:** Q3400
contract: ICES02 **lab code:** ACE
matrix: Water **sample id:** Q3400-01 **client id:** FRAC-TANK-0760450MS
Percent Solids for Sample: NA **Spiked ID:** Q3400-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	4.49		0.15	J	4.0	109		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: ICE Service Group, Inc.	level: low	sdg no.: Q3400
contract: ICES02		lab code: ACE
matrix: Water	sample id: Q3400-01	client id: FRAC-TANK-0760450MSD
Percent Solids for Sample: NA	Spiked ID: Q3400-01MSD	Percent Solids for Spike Sample: NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.74		0.15	J	4.0	90		CV

Metals
 - 5b -
 POST DIGEST SPIKE SUMMARY

Client:	ICE Service Group, Inc.	SDG No.:	Q3400
Contract:	ICES02	Lab Code:	ACE
Matrix:	Water	Level:	LOW
Sample ID:	Q3370-01	Spiked ID:	Q3370-01A
		Client ID:	WATER-TREATMENT DISCHARGE A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	88 - 113	89.0		3.00	U	100	89		P
Lead	ug/L	86 - 113	429		6.00	U	500	86	N	P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>ICE Service Group, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3400</u>
Contract:	<u>ICES02</u>	Lab Code:	<u>ACE</u>		
Matrix:	<u>Water</u>	Sample ID:	<u>Q3370-01</u>	Client ID:	<u>WATER-TREATMENT DISCHARGEDU</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3370-01DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	23.9	J	22.8	J	5		P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Chromium	ug/L	20	15.2		15.3		1		P
Copper	ug/L	20	17.7		17.6		1		P
Lead	ug/L	20	6.00	U	6.00	U			P
Nickel	ug/L	20	16.9	J	17.3	J	2		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Zinc	ug/L	20	661		667		1		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>ICE Service Group, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3400</u>
Contract:	<u>ICES02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3370-01MS</u>	Client ID:	<u>WATER-TREATMENT DISCHARGEMS</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3370-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	382		383		0		P
Barium	ug/L	20	115		117		2		P
Cadmium	ug/L	20	87.9		88.5		1		P
Chromium	ug/L	20	202		200		1		P
Copper	ug/L	20	157		158		1		P
Lead	ug/L	20	423		427		1		P
Nickel	ug/L	20	244		245		0		P
Selenium	ug/L	20	958		961		0		P
Silver	ug/L	20	33.2		33.5		1		P
Zinc	ug/L	20	777		761		2		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>ICE Service Group, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3400</u>
Contract:	<u>ICES02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3400-01</u>	Client ID:	<u>FRAC-TANK-0760450DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3400-01DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.15	J	0.13	J	10		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>ICE Service Group, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3400</u>
Contract:	<u>ICES02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3400-01MS</u>	Client ID:	<u>FRAC-TANK-0760450MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3400-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	4.49		3.74		18		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>ICE Service Group, Inc.</u>	SDG No.:	<u>Q3400</u>
Contract:	<u>ICES02</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170192BS							
Arsenic	ug/L	400	374		94	87 - 113	P
Barium	ug/L	100	89.3		89	88 - 113	P
Cadmium	ug/L	100	90.6		91	88 - 113	P
Chromium	ug/L	200	194		97	90 - 113	P
Copper	ug/L	150	147		98	86 - 114	P
Lead	ug/L	500	450		90	86 - 113	P
Nickel	ug/L	250	232		93	88 - 113	P
Selenium	ug/L	1000	941		94	83 - 114	P
Silver	ug/L	37.5	36.0		96	84 - 115	P
Zinc	ug/L	100	96.6		97	87 - 115	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3400

Contract: ICES02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170194BS Mercury	ug/L	4.0	4.68		117	82 - 119	CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

WATER-TREATMENT DISCHARGEL

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **Lb No.:** lb137613 **Lab Sample ID :** Q3370-01L **SDG No.:** Q3400
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
		C		C			
Arsenic	10.0	U	50.0	U			P
Barium	23.9	J	250	U	100.0		P
Cadmium	3.00	U	15.0	U			P
Chromium	15.2		14.7	J	3		P
Copper	17.7		18.7	J	6		P
Lead	6.00	U	30.0	U			P
Nickel	16.9	J	17.0	J	0		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Zinc	661		669		1		P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

FRAC-TANK-0760450L

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **Lb No.:** lb137605 **Lab Sample ID :** Q3400-01L **SDG No.:** Q3400
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.15 J	1.00 U	100.0		CV



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc.

SDG No.: Q3400

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
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	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
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc.

SDG No.: Q3400

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
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	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
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc.

SDG No.: Q3400

Contract: ICES02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc.

SDG No.: Q3400

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
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc.

SDG No.: Q3400

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
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	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
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3400

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: PB170192							
PB170192BL	PB170192BL	MB	WATER	10/21/2025	50.0	25.0	
PB170192BS	PB170192BS	LCS	WATER	10/21/2025	50.0	25.0	
Q3370-01DUP	WATER-TREATMENT DISCHARGEDUP	DUP	WATER	10/21/2025	50.0	25.0	
Q3370-01MS	WATER-TREATMENT DISCHARGEMS	MS	WATER	10/21/2025	50.0	25.0	
Q3370-01MSD	WATER-TREATMENT DISCHARGEMSD	MSD	WATER	10/21/2025	50.0	25.0	
Q3400-01	FRAC-TANK-0760450	SAM	WATER	10/21/2025	50.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: ICE Service Group, Inc.

SDG No.: Q3400

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: PB170194							
PB170194BL	PB170194BL	MB	WATER	10/21/2025	30.0	30.0	
PB170194BS	PB170194BS	LCS	WATER	10/21/2025	30.0	30.0	
Q3400-01	FRAC-TANK-0760450	SAM	WATER	10/21/2025	30.0	30.0	
Q3400-01DUP	FRAC-TANK-0760450DUP	DUP	WATER	10/21/2025	30.0	30.0	
Q3400-01MS	FRAC-TANK-0760450MS	MS	WATER	10/21/2025	30.0	30.0	
Q3400-01MSD	FRAC-TANK-0760450MSD	MSD	WATER	10/21/2025	30.0	30.0	

metals
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ANALYSIS RUN LOG

Client: ICE Service Group, Inc.

Contract: ICES02

Lab code: ACE

Sdg no.: Q3400

Instrument id number:

Method:

Run number: LB137605

Start date: 10/21/2025

End date: 10/21/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1646	HG
S0.2	S0.2	1	1649	HG
S2.5	S2.5	1	1652	HG
S5	S5	1	1654	HG
S7.5	S7.5	1	1659	HG
S10	S10	1	1707	HG
ICV82	ICV82	1	1710	HG
ICB82	ICB82	1	1712	HG
CCV68	CCV68	1	1715	HG
CCB68	CCB68	1	1717	HG
CRA	CRA	1	1719	HG
PB170194BL	PB170194BL	1	1726	HG
PB170194BS	PB170194BS	1	1728	HG
Q3400-01	FRAC-TANK-0760450	1	1738	HG
Q3400-01DUP	FRAC-TANK-0760450DUP	1	1741	HG
CCV69	CCV69	1	1743	HG
CCB69	CCB69	1	1745	HG
Q3400-01MS	FRAC-TANK-0760450MS	1	1747	HG
Q3400-01MSD	FRAC-TANK-0760450MSD	1	1750	HG
Q3400-01L	FRAC-TANK-0760450L	5	1752	HG
CCV70	CCV70	1	1800	HG
CCB70	CCB70	1	1803	HG

metals
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ANALYSIS RUN LOG

Client: ICE Service Group, Inc.

Contract: ICES02

Lab code: ACE

Sdg no.: Q3400

Instrument id number:

Method:

Run number: LB137613

Start date: 10/21/2025

End date: 10/21/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1203	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S1	S1	1	1208	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S2	S2	1	1212	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S3	S3	1	1216	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S4	S4	1	1221	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S5	S5	1	1225	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICV01	ICV01	1	1240	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
LLICV01	LLICV01	1	1244	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICB01	ICB01	1	1250	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CRI01	CRI01	1	1254	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICSA01	ICSA01	1	1259	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICSAB01	ICSAB01	1	1303	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV01	CCV01	1	1345	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB01	CCB01	1	1354	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV02	CCV02	1	1503	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB02	CCB02	1	1507	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV03	CCV03	1	1556	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB03	CCB03	1	1600	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV04	CCV04	1	1648	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB04	CCB04	1	1652	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV05	CCV05	1	1737	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB05	CCB05	1	1741	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q3370-01DUP	WATER-TREATMENT DISCH#	1	1811	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q3370-01L	WATER-TREATMENT DISCH#	5	1815	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q3370-01MS	WATER-TREATMENT DISCH#	1	1819	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q3370-01MSD	WATER-TREATMENT DISCH#	1	1823	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV06	CCV06	1	1827	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB06	CCB06	1	1831	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q3370-01A	WATER-TREATMENT DISCH#	1	1836	Cd,Pb
Q3400-01	FRAC-TANK-0760450	1	1844	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV07	CCV07	1	1918	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB07	CCB07	1	1922	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV08	CCV08	1	2003	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB08	CCB08	1	2007	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn

metals
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ANALYSIS RUN LOG

Client: ICE Service Group, Inc.

Contract: ICES02

Lab code: ACE

Sdg no.: Q3400

Instrument id number:

Method:

Run number: LB137750

Start date: 11/03/2025

End date: 11/03/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1143	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S1	S1	1	1147	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S2	S2	1	1151	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S3	S3	1	1155	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S4	S4	1	1159	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S5	S5	1	1204	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICV01	ICV01	1	1208	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
LLICV01	LLICV01	1	1227	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICB01	ICB01	1	1231	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CRI01	CRI01	1	1235	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICSA01	ICSA01	1	1240	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICSAB01	ICSAB01	1	1244	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV01	CCV01	1	1256	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB01	CCB01	1	1301	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
PB170192BL	PB170192BL	1	1322	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
PB170192BS	PB170192BS	1	1345	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV02	CCV02	1	1407	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB02	CCB02	1	1411	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV03	CCV03	1	1500	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB03	CCB03	1	1504	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV04	CCV04	1	1551	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB04	CCB04	1	1555	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV05	CCV05	1	1641	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB05	CCB05	1	1645	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV06	CCV06	1	1732	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB06	CCB06	1	1736	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV07	CCV07	1	1821	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB07	CCB07	1	1825	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV09	CCV09	1	2002	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB09	CCB09	1	2006	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV10	CCV10	1	2015	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB10	CCB10	1	2019	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn