

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>First Environment, Inc.</u>	SDG No.: <u>Q2814</u>
Contract: <u>FIRS02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

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	Aluminum	251000	255000	98	216000	294000	08/14/2025	12:27	LB136837
	Antimony	-1.10			-50	50	08/14/2025	12:27	LB136837
	Arsenic	7.57			-20	20	08/14/2025	12:27	LB136837
	Barium	0.097	6.0	2	-94	106	08/14/2025	12:27	LB136837
	Beryllium	1.36			-6	6	08/14/2025	12:27	LB136837
	Cadmium	2.91	1.0	291	-5	7	08/14/2025	12:27	LB136837
	Calcium	237000	245000	97	208000	282000	08/14/2025	12:27	LB136837
	Chromium	60.3	52.0	116	42	62	08/14/2025	12:27	LB136837
	Cobalt	1.84			-30	30	08/14/2025	12:27	LB136837
	Copper	7.21	2.0	360	-18	22	08/14/2025	12:27	LB136837
	Iron	99800	101000	99	85600	116500	08/14/2025	12:27	LB136837
	Lead	-5.21			-12	12	08/14/2025	12:27	LB136837
	Magnesium	251000	255000	98	216000	294000	08/14/2025	12:27	LB136837
	Manganese	7.95	7.0	114	-13	27	08/14/2025	12:27	LB136837
	Nickel	5.40	2.0	270	-38	42	08/14/2025	12:27	LB136837
	Potassium	130			0	0	08/14/2025	12:27	LB136837
	Selenium	-3.06			-20	20	08/14/2025	12:27	LB136837
	Silver	1.48			-10	10	08/14/2025	12:27	LB136837
	Sodium	111			0	0	08/14/2025	12:27	LB136837
	Thallium	-3.36			-40	40	08/14/2025	12:27	LB136837
	Vanadium	2.16			-40	40	08/14/2025	12:27	LB136837
	Zinc	3.33			-40	40	08/14/2025	12:27	LB136837
ICSAB01	Aluminum	249000	247000	101	209000	285000	08/14/2025	12:38	LB136837
	Antimony	593	618	96	525	711	08/14/2025	12:38	LB136837
	Arsenic	110	104	106	88.4	120	08/14/2025	12:38	LB136837
	Barium	485	537	90	437	637	08/14/2025	12:38	LB136837
	Beryllium	496	495	100	420	570	08/14/2025	12:38	LB136837
	Cadmium	989	972	102	826	1120	08/14/2025	12:38	LB136837
	Calcium	236000	235000	100	199000	271000	08/14/2025	12:38	LB136837
	Chromium	566	542	104	460	624	08/14/2025	12:38	LB136837
	Cobalt	494	476	104	404	548	08/14/2025	12:38	LB136837
	Copper	490	511	96	434	588	08/14/2025	12:38	LB136837
	Iron	98600	99300	99	84400	114500	08/14/2025	12:38	LB136837
	Lead	42.6	49.0	87	37	61	08/14/2025	12:38	LB136837
	Magnesium	252000	248000	102	210000	286000	08/14/2025	12:38	LB136837
	Manganese	487	507	96	430	584	08/14/2025	12:38	LB136837
	Nickel	987	954	104	810	1100	08/14/2025	12:38	LB136837
	Potassium	-0.28			0	0	08/14/2025	12:38	LB136837
	Selenium	46.6	46.0	101	26	66	08/14/2025	12:38	LB136837
	Silver	216	201	108	170	232	08/14/2025	12:38	LB136837
	Sodium	-6.45			0	0	08/14/2025	12:38	LB136837
	Thallium	109	108	101	68	148	08/14/2025	12:38	LB136837

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- 4 -
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Client: <u>First Environment, Inc.</u>	SDG No.: <u>Q2814</u>
Contract: <u>FIRS02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

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
ICSAB01	Vanadium	479	491	98	417	565	08/14/2025	12:38	LB136837
	Zinc	1040	952	109	809	1095	08/14/2025	12:38	LB136837
ICSA01	Aluminum	247000	255000	97	216000	294000	08/20/2025	13:30	LB136898
	Antimony	-1.47			-50	50	08/20/2025	13:30	LB136898
	Arsenic	10.7			-20	20	08/20/2025	13:30	LB136898
	Barium	1.81	6.0	30	-94	106	08/20/2025	13:30	LB136898
	Beryllium	1.50			-6	6	08/20/2025	13:30	LB136898
	Cadmium	2.34	1.0	234	-5	7	08/20/2025	13:30	LB136898
	Calcium	233000	245000	95	208000	282000	08/20/2025	13:30	LB136898
	Chromium	60.0	52.0	115	42	62	08/20/2025	13:30	LB136898
	Cobalt	1.69			-30	30	08/20/2025	13:30	LB136898
	Copper	4.70	2.0	235	-18	22	08/20/2025	13:30	LB136898
	Iron	99200	101000	98	85600	116500	08/20/2025	13:30	LB136898
	Lead	-3.40			-12	12	08/20/2025	13:30	LB136898
	Magnesium	249000	255000	98	216000	294000	08/20/2025	13:30	LB136898
	Manganese	8.90	7.0	127	-13	27	08/20/2025	13:30	LB136898
	Nickel	6.20	2.0	310	-38	42	08/20/2025	13:30	LB136898
	Potassium	84.7			0	0	08/20/2025	13:30	LB136898
	Selenium	-0.17			-20	20	08/20/2025	13:30	LB136898
	Silver	2.09			-10	10	08/20/2025	13:30	LB136898
	Sodium	74.1			0	0	08/20/2025	13:30	LB136898
	Thallium	-3.61			-40	40	08/20/2025	13:30	LB136898
	Vanadium	5.01			-40	40	08/20/2025	13:30	LB136898
	Zinc	1.99			-40	40	08/20/2025	13:30	LB136898
ICSAB01	Aluminum	250000	247000	101	209000	285000	08/20/2025	13:34	LB136898
	Antimony	587	618	95	525	711	08/20/2025	13:34	LB136898
	Arsenic	109	104	105	88.4	120	08/20/2025	13:34	LB136898
	Barium	475	537	88	437	637	08/20/2025	13:34	LB136898
	Beryllium	482	495	97	420	570	08/20/2025	13:34	LB136898
	Cadmium	963	972	99	826	1120	08/20/2025	13:34	LB136898
	Calcium	236000	235000	100	199000	271000	08/20/2025	13:34	LB136898
	Chromium	553	542	102	460	624	08/20/2025	13:34	LB136898
	Cobalt	484	476	102	404	548	08/20/2025	13:34	LB136898
	Copper	475	511	93	434	588	08/20/2025	13:34	LB136898
	Iron	101000	99300	102	84400	114500	08/20/2025	13:34	LB136898
	Lead	38.4	49.0	78	37	61	08/20/2025	13:34	LB136898
	Magnesium	251000	248000	101	210000	286000	08/20/2025	13:34	LB136898
	Manganese	476	507	94	430	584	08/20/2025	13:34	LB136898
	Nickel	964	954	101	810	1100	08/20/2025	13:34	LB136898
	Potassium	-189			0	0	08/20/2025	13:34	LB136898
	Selenium	47.4	46.0	103	26	66	08/20/2025	13:34	LB136898
	Silver	212	201	106	170	232	08/20/2025	13:34	LB136898

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- 4 -
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Client: <u>First Environment, Inc.</u>	SDG No.: <u>Q2814</u>
Contract: <u>FIRS02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

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
ICSAB01	Sodium	27.1			0	0	08/20/2025	13:34	LB136898
	Thallium	99.0	108	92	68	148	08/20/2025	13:34	LB136898
	Vanadium	475	491	97	417	565	08/20/2025	13:34	LB136898
	Zinc	1020	952	107	809	1095	08/20/2025	13:34	LB136898
ICSA01	Aluminum	243000	255000	95	216000	294000	08/21/2025	14:45	LB136917
	Antimony	-2.55			-50	50	08/21/2025	14:45	LB136917
	Arsenic	12.2			-20	20	08/21/2025	14:45	LB136917
	Barium	0.25	6.0	4	-94	106	08/21/2025	14:45	LB136917
	Beryllium	1.47			-6	6	08/21/2025	14:45	LB136917
	Cadmium	1.73	1.0	173	-5	7	08/21/2025	14:45	LB136917
	Calcium	232000	245000	95	208000	282000	08/21/2025	14:45	LB136917
	Chromium	58.4	52.0	112	42	62	08/21/2025	14:45	LB136917
	Cobalt	2.10			-30	30	08/21/2025	14:45	LB136917
	Copper	10.1	2.0	502	-18	22	08/21/2025	14:45	LB136917
	Iron	101000	101000	100	85600	116500	08/21/2025	14:45	LB136917
	Lead	-7.00			-12	12	08/21/2025	14:45	LB136917
	Magnesium	244000	255000	96	216000	294000	08/21/2025	14:45	LB136917
	Manganese	7.12	7.0	102	-13	27	08/21/2025	14:45	LB136917
	Nickel	5.85	2.0	292	-38	42	08/21/2025	14:45	LB136917
	Potassium	285			0	0	08/21/2025	14:45	LB136917
	Selenium	1.49			-20	20	08/21/2025	14:45	LB136917
	Silver	3.43			-10	10	08/21/2025	14:45	LB136917
	Sodium	109			0	0	08/21/2025	14:45	LB136917
	Thallium	-3.56			-40	40	08/21/2025	14:45	LB136917
	Vanadium	4.50			-40	40	08/21/2025	14:45	LB136917
	Zinc	1.65			-40	40	08/21/2025	14:45	LB136917
ICSAB01	Aluminum	248000	247000	100	209000	285000	08/21/2025	14:50	LB136917
	Antimony	585	618	95	525	711	08/21/2025	14:50	LB136917
	Arsenic	107	104	103	88.4	120	08/21/2025	14:50	LB136917
	Barium	478	537	89	437	637	08/21/2025	14:50	LB136917
	Beryllium	470	495	95	420	570	08/21/2025	14:50	LB136917
	Cadmium	960	972	99	826	1120	08/21/2025	14:50	LB136917
	Calcium	236000	235000	100	199000	271000	08/21/2025	14:50	LB136917
	Chromium	540	542	100	460	624	08/21/2025	14:50	LB136917
	Cobalt	484	476	102	404	548	08/21/2025	14:50	LB136917
	Copper	478	511	94	434	588	08/21/2025	14:50	LB136917
	Iron	102000	99300	103	84400	114500	08/21/2025	14:50	LB136917
	Lead	37.1	49.0	76	37	61	08/21/2025	14:50	LB136917
	Magnesium	249000	248000	100	210000	286000	08/21/2025	14:50	LB136917
	Manganese	479	507	94	430	584	08/21/2025	14:50	LB136917
	Nickel	960	954	101	810	1100	08/21/2025	14:50	LB136917
	Potassium	-28.4			0	0	08/21/2025	14:50	LB136917

Metals

- 4 -

INTERFERENCE CHECK SAMPLE

Client: First Environment, Inc.

SDG No.: Q2814

Contract: FIRS02

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
ICSAB01	Selenium	48.5	46.0	105	26	66	08/21/2025	14:50	LB136917
	Silver	210	201	104	170	232	08/21/2025	14:50	LB136917
	Sodium	70.2			0	0	08/21/2025	14:50	LB136917
	Thallium	96.0	108	89	68	148	08/21/2025	14:50	LB136917
	Vanadium	470	491	96	417	565	08/21/2025	14:50	LB136917
	Zinc	1010	952	106	809	1095	08/21/2025	14:50	LB136917