

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC

SDG No.: Q2481

Contract: ENVI60

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
ICV19	Mercury	4.09	4.0	102	90 - 110	CV	07/08/2025	08:59	LB136391

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CCV61	Mercury	4.96	5.0	99	90 - 110	CV	07/08/2025	09:07	LB136391
CCV62	Mercury	5.11	5.0	102	90 - 110	CV	07/08/2025	09:44	LB136391
CCV63	Mercury	5.25	5.0	105	90 - 110	CV	07/08/2025	10:24	LB136391
CCV64	Mercury	4.93	5.0	99	90 - 110	CV	07/08/2025	10:53	LB136391
CCV65	Mercury	5.01	5.0	100	90 - 110	CV	07/08/2025	11:14	LB136391

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	3950	4000	99	90 - 110	P	07/10/2025	18:39	LB136434
	Barium	7860	8000	98	90 - 110	P	07/10/2025	18:39	LB136434
	Cadmium	2050	2000	103	90 - 110	P	07/10/2025	18:39	LB136434
	Chromium	800	800	100	90 - 110	P	07/10/2025	18:39	LB136434
	Lead	4060	4000	101	90 - 110	P	07/10/2025	18:39	LB136434
	Selenium	4190	4000	105	90 - 110	P	07/10/2025	18:39	LB136434
	Silver	911	1000	91	90 - 110	P	07/10/2025	18:39	LB136434

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LLICV01	Arsenic	21.2	20.0	106	80 - 120	P	07/10/2025	18:51	LB136434
	Barium	98.6	100	99	80 - 120	P	07/10/2025	18:51	LB136434
	Cadmium	5.61	6.0	93	80 - 120	P	07/10/2025	18:51	LB136434
	Chromium	10.5	10.0	105	80 - 120	P	07/10/2025	18:51	LB136434
	Lead	13.2	12.0	110	80 - 120	P	07/10/2025	18:51	LB136434
	Selenium	20.6	20.0	103	80 - 120	P	07/10/2025	18:51	LB136434
	Silver	10.9	10.0	110	80 - 120	P	07/10/2025	18:51	LB136434

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	4910	5000	98	90 - 110	P	07/10/2025	19:43	LB136434
	Barium	10200	10000	102	90 - 110	P	07/10/2025	19:43	LB136434
	Cadmium	2510	2500	100	90 - 110	P	07/10/2025	19:43	LB136434
	Chromium	1010	1000	101	90 - 110	P	07/10/2025	19:43	LB136434
	Lead	4980	5000	100	90 - 110	P	07/10/2025	19:43	LB136434
	Selenium	5060	5000	101	90 - 110	P	07/10/2025	19:43	LB136434
	Silver	1280	1250	103	90 - 110	P	07/10/2025	19:43	LB136434
CCV02	Arsenic	4640	5000	93	90 - 110	P	07/10/2025	20:59	LB136434
	Barium	9760	10000	98	90 - 110	P	07/10/2025	20:59	LB136434
	Cadmium	2380	2500	95	90 - 110	P	07/10/2025	20:59	LB136434
	Chromium	962	1000	96	90 - 110	P	07/10/2025	20:59	LB136434
	Lead	4710	5000	94	90 - 110	P	07/10/2025	20:59	LB136434
	Selenium	4800	5000	96	90 - 110	P	07/10/2025	20:59	LB136434
	Silver	1220	1250	97	90 - 110	P	07/10/2025	20:59	LB136434
CCV03	Arsenic	4830	5000	96	90 - 110	P	07/10/2025	22:32	LB136434
	Barium	10000	10000	100	90 - 110	P	07/10/2025	22:32	LB136434
	Cadmium	2480	2500	99	90 - 110	P	07/10/2025	22:32	LB136434
	Chromium	997	1000	100	90 - 110	P	07/10/2025	22:32	LB136434
	Lead	4930	5000	99	90 - 110	P	07/10/2025	22:32	LB136434
	Selenium	4940	5000	99	90 - 110	P	07/10/2025	22:32	LB136434
	Silver	1250	1250	100	90 - 110	P	07/10/2025	22:32	LB136434
CCV04	Arsenic	4600	5000	92	90 - 110	P	07/10/2025	23:29	LB136434
	Barium	9570	10000	96	90 - 110	P	07/10/2025	23:29	LB136434
	Cadmium	2350	2500	94	90 - 110	P	07/10/2025	23:29	LB136434
	Chromium	957	1000	96	90 - 110	P	07/10/2025	23:29	LB136434
	Lead	4690	5000	94	90 - 110	P	07/10/2025	23:29	LB136434
	Selenium	4700	5000	94	90 - 110	P	07/10/2025	23:29	LB136434
	Silver	1200	1250	96	90 - 110	P	07/10/2025	23:29	LB136434
CCV05	Arsenic	4750	5000	95	90 - 110	P	07/11/2025	00:47	LB136434
	Barium	9800	10000	98	90 - 110	P	07/11/2025	00:47	LB136434
	Cadmium	2410	2500	96	90 - 110	P	07/11/2025	00:47	LB136434
	Chromium	978	1000	98	90 - 110	P	07/11/2025	00:47	LB136434
	Lead	4820	5000	96	90 - 110	P	07/11/2025	00:47	LB136434
	Selenium	4790	5000	96	90 - 110	P	07/11/2025	00:47	LB136434

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1220	1250	97	90 - 110	P	07/11/2025	00:47	LB136434
CCV06	Arsenic	4780	5000	96	90 - 110	P	07/11/2025	01:47	LB136434
	Barium	9810	10000	98	90 - 110	P	07/11/2025	01:47	LB136434
	Cadmium	2410	2500	96	90 - 110	P	07/11/2025	01:47	LB136434
	Chromium	978	1000	98	90 - 110	P	07/11/2025	01:47	LB136434
	Lead	4820	5000	96	90 - 110	P	07/11/2025	01:47	LB136434
	Selenium	4810	5000	96	90 - 110	P	07/11/2025	01:47	LB136434
	Silver	1220	1250	97	90 - 110	P	07/11/2025	01:47	LB136434
CCV07	Arsenic	4640	5000	93	90 - 110	P	07/11/2025	03:17	LB136434
	Barium	9540	10000	95	90 - 110	P	07/11/2025	03:17	LB136434
	Cadmium	2330	2500	93	90 - 110	P	07/11/2025	03:17	LB136434
	Chromium	961	1000	96	90 - 110	P	07/11/2025	03:17	LB136434
	Lead	4670	5000	93	90 - 110	P	07/11/2025	03:17	LB136434
	Selenium	4670	5000	94	90 - 110	P	07/11/2025	03:17	LB136434
	Silver	1200	1250	96	90 - 110	P	07/11/2025	03:17	LB136434
CCV08	Arsenic	4790	5000	96	90 - 110	P	07/11/2025	04:18	LB136434
	Barium	9730	10000	97	90 - 110	P	07/11/2025	04:18	LB136434
	Cadmium	2400	2500	96	90 - 110	P	07/11/2025	04:18	LB136434
	Chromium	987	1000	99	90 - 110	P	07/11/2025	04:18	LB136434
	Lead	4820	5000	96	90 - 110	P	07/11/2025	04:18	LB136434
	Selenium	4720	5000	94	90 - 110	P	07/11/2025	04:18	LB136434
	Silver	1220	1250	98	90 - 110	P	07/11/2025	04:18	LB136434
CCV09	Arsenic	4770	5000	96	90 - 110	P	07/11/2025	05:19	LB136434
	Barium	9960	10000	100	90 - 110	P	07/11/2025	05:19	LB136434
	Cadmium	2380	2500	95	90 - 110	P	07/11/2025	05:19	LB136434
	Chromium	1000	1000	100	90 - 110	P	07/11/2025	05:19	LB136434
	Lead	4770	5000	96	90 - 110	P	07/11/2025	05:19	LB136434
	Selenium	4720	5000	94	90 - 110	P	07/11/2025	05:19	LB136434
	Silver	1240	1250	99	90 - 110	P	07/11/2025	05:19	LB136434
CCV10	Arsenic	4790	5000	96	90 - 110	P	07/11/2025	06:16	LB136434
	Barium	9830	10000	98	90 - 110	P	07/11/2025	06:16	LB136434
	Cadmium	2390	2500	96	90 - 110	P	07/11/2025	06:16	LB136434
	Chromium	988	1000	99	90 - 110	P	07/11/2025	06:16	LB136434
	Lead	4800	5000	96	90 - 110	P	07/11/2025	06:16	LB136434

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CCV10	Selenium	4710	5000	94	90 - 110	P	07/11/2025	06:16	LB136434
	Silver	1210	1250	97	90 - 110	P	07/11/2025	06:16	LB136434
CCV11	Arsenic	4750	5000	95	90 - 110	P	07/11/2025	06:43	LB136434
	Barium	9790	10000	98	90 - 110	P	07/11/2025	06:43	LB136434
	Cadmium	2370	2500	95	90 - 110	P	07/11/2025	06:43	LB136434
	Chromium	982	1000	98	90 - 110	P	07/11/2025	06:43	LB136434
	Lead	4770	5000	95	90 - 110	P	07/11/2025	06:43	LB136434
	Selenium	4660	5000	93	90 - 110	P	07/11/2025	06:43	LB136434
	Silver	1210	1250	97	90 - 110	P	07/11/2025	06:43	LB136434