



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Earth Engineering Inc.

SDG No.: Q2651

Contract: EARTH03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB34	Mercury	0.076	+/-0.2	U	0.20	CV	07/21/2025	11:47	LB136551

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Earth Engineering Inc.

SDG No.: Q2651

Contract: EARTH03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB28	Mercury	0.076	+/-0.2	U	0.20	CV	07/21/2025	11:51	LB136551
CCB29	Mercury	0.076	+/-0.2	U	0.20	CV	07/21/2025	12:31	LB136551
CCB30	Mercury	0.076	+/-0.2	U	0.20	CV	07/21/2025	12:58	LB136551
CCB31	Mercury	0.076	+/-0.2	U	0.20	CV	07/21/2025	13:12	LB136551

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Earth Engineering Inc.

SDG No.: Q2651

Contract: EARTH03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	07/22/2025	12:27	LB136571
	Antimony	6.76	+/-25	U	50.0	P	07/22/2025	12:27	LB136571
	Arsenic	5.12	+/-10	U	20.0	P	07/22/2025	12:27	LB136571
	Barium	14.6	+/-50	U	100	P	07/22/2025	12:27	LB136571
	Beryllium	0.56	+/-3	U	6.00	P	07/22/2025	12:27	LB136571
	Cadmium	0.50	+/-3	U	6.00	P	07/22/2025	12:27	LB136571
	Calcium	234	+/-1000	U	2000	P	07/22/2025	12:27	LB136571
	Chromium	2.12	+/-5	U	10.0	P	07/22/2025	12:27	LB136571
	Cobalt	2.26	+/-15	U	30.0	P	07/22/2025	12:27	LB136571
	Copper	4.60	+/-10	U	20.0	P	07/22/2025	12:27	LB136571
	Iron	23.4	+/-50	U	100	P	07/22/2025	12:27	LB136571
	Lead	2.30	+/-6	U	12.0	P	07/22/2025	12:27	LB136571
	Magnesium	244	+/-1000	U	2000	P	07/22/2025	12:27	LB136571
	Manganese	5.94	+/-10	U	20.0	P	07/22/2025	12:27	LB136571
	Nickel	3.06	+/-20	U	40.0	P	07/22/2025	12:27	LB136571
	Potassium	918	+/-1000	U	2000	P	07/22/2025	12:27	LB136571
	Selenium	9.64	+/-10	U	20.0	P	07/22/2025	12:27	LB136571
	Silver	1.62	+/-5	U	10.0	P	07/22/2025	12:27	LB136571
	Sodium	868	+/-1000	U	2000	P	07/22/2025	12:27	LB136571
	Thallium	4.38	+/-20	U	40.0	P	07/22/2025	12:27	LB136571
	Vanadium	6.26	+/-20	U	40.0	P	07/22/2025	12:27	LB136571
	Zinc	16.7	+/-20	U	40.0	P	07/22/2025	12:27	LB136571

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Earth Engineering Inc.

SDG No.: Q2651

Contract: EARTH03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	07/22/2025	13:05	LB136571
	Antimony	6.76	+/-25	U	50.0	P	07/22/2025	13:05	LB136571
	Arsenic	5.12	+/-10	U	20.0	P	07/22/2025	13:05	LB136571
	Barium	14.6	+/-50	U	100	P	07/22/2025	13:05	LB136571
	Beryllium	0.56	+/-3	U	6.00	P	07/22/2025	13:05	LB136571
	Cadmium	0.50	+/-3	U	6.00	P	07/22/2025	13:05	LB136571
	Calcium	234	+/-1000	U	2000	P	07/22/2025	13:05	LB136571
	Chromium	2.12	+/-5	U	10.0	P	07/22/2025	13:05	LB136571
	Cobalt	2.26	+/-15	U	30.0	P	07/22/2025	13:05	LB136571
	Copper	4.60	+/-10	U	20.0	P	07/22/2025	13:05	LB136571
	Iron	23.4	+/-50	U	100	P	07/22/2025	13:05	LB136571
	Lead	2.30	+/-6	U	12.0	P	07/22/2025	13:05	LB136571
	Magnesium	244	+/-1000	U	2000	P	07/22/2025	13:05	LB136571
	Manganese	5.94	+/-10	U	20.0	P	07/22/2025	13:05	LB136571
	Nickel	3.06	+/-20	U	40.0	P	07/22/2025	13:05	LB136571
	Potassium	918	+/-1000	U	2000	P	07/22/2025	13:05	LB136571
	Selenium	9.64	+/-10	U	20.0	P	07/22/2025	13:05	LB136571
	Silver	1.62	+/-5	U	10.0	P	07/22/2025	13:05	LB136571
	Sodium	868	+/-1000	U	2000	P	07/22/2025	13:05	LB136571
	Thallium	4.38	+/-20	U	40.0	P	07/22/2025	13:05	LB136571
	Vanadium	6.26	+/-20	U	40.0	P	07/22/2025	13:05	LB136571
	Zinc	16.7	+/-20	U	40.0	P	07/22/2025	13:05	LB136571
CCB02	Aluminum	11.3	+/-50	U	100	P	07/22/2025	14:09	LB136571
	Antimony	6.76	+/-25	U	50.0	P	07/22/2025	14:09	LB136571
	Arsenic	5.12	+/-10	U	20.0	P	07/22/2025	14:09	LB136571
	Barium	14.6	+/-50	U	100	P	07/22/2025	14:09	LB136571
	Beryllium	0.56	+/-3	U	6.00	P	07/22/2025	14:09	LB136571
	Cadmium	0.50	+/-3	U	6.00	P	07/22/2025	14:09	LB136571
	Calcium	234	+/-1000	U	2000	P	07/22/2025	14:09	LB136571
	Chromium	2.12	+/-5	U	10.0	P	07/22/2025	14:09	LB136571
	Cobalt	2.26	+/-15	U	30.0	P	07/22/2025	14:09	LB136571
	Copper	4.60	+/-10	U	20.0	P	07/22/2025	14:09	LB136571
	Iron	23.4	+/-50	U	100	P	07/22/2025	14:09	LB136571
	Lead	2.30	+/-6	U	12.0	P	07/22/2025	14:09	LB136571
	Magnesium	244	+/-1000	U	2000	P	07/22/2025	14:09	LB136571
	Manganese	5.94	+/-10	U	20.0	P	07/22/2025	14:09	LB136571
	Nickel	3.06	+/-20	U	40.0	P	07/22/2025	14:09	LB136571
	Potassium	918	+/-1000	U	2000	P	07/22/2025	14:09	LB136571
	Selenium	9.64	+/-10	U	20.0	P	07/22/2025	14:09	LB136571

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Earth Engineering Inc.

SDG No.: Q2651

Contract: EARTH03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	07/22/2025	14:09	LB136571
	Sodium	868	+/-1000	U	2000	P	07/22/2025	14:09	LB136571
	Thallium	4.38	+/-20	U	40.0	P	07/22/2025	14:09	LB136571
	Vanadium	6.26	+/-20	U	40.0	P	07/22/2025	14:09	LB136571
	Zinc	16.7	+/-20	U	40.0	P	07/22/2025	14:09	LB136571
CCB03	Aluminum	11.3	+/-50	U	100	P	07/22/2025	15:26	LB136571
	Antimony	6.76	+/-25	U	50.0	P	07/22/2025	15:26	LB136571
	Arsenic	5.12	+/-10	U	20.0	P	07/22/2025	15:26	LB136571
	Barium	14.6	+/-50	U	100	P	07/22/2025	15:26	LB136571
	Beryllium	0.56	+/-3	U	6.00	P	07/22/2025	15:26	LB136571
	Cadmium	0.50	+/-3	U	6.00	P	07/22/2025	15:26	LB136571
	Calcium	234	+/-1000	U	2000	P	07/22/2025	15:26	LB136571
	Chromium	2.12	+/-5	U	10.0	P	07/22/2025	15:26	LB136571
	Cobalt	2.26	+/-15	U	30.0	P	07/22/2025	15:26	LB136571
	Copper	4.60	+/-10	U	20.0	P	07/22/2025	15:26	LB136571
	Iron	23.4	+/-50	U	100	P	07/22/2025	15:26	LB136571
	Lead	2.30	+/-6	U	12.0	P	07/22/2025	15:26	LB136571
	Magnesium	244	+/-1000	U	2000	P	07/22/2025	15:26	LB136571
	Manganese	5.94	+/-10	U	20.0	P	07/22/2025	15:26	LB136571
	Nickel	3.06	+/-20	U	40.0	P	07/22/2025	15:26	LB136571
	Potassium	918	+/-1000	U	2000	P	07/22/2025	15:26	LB136571
	Selenium	9.64	+/-10	U	20.0	P	07/22/2025	15:26	LB136571
	Silver	1.62	+/-5	U	10.0	P	07/22/2025	15:26	LB136571
	Sodium	868	+/-1000	U	2000	P	07/22/2025	15:26	LB136571
	Thallium	4.38	+/-20	U	40.0	P	07/22/2025	15:26	LB136571
	Vanadium	6.26	+/-20	U	40.0	P	07/22/2025	15:26	LB136571
	Zinc	16.7	+/-20	U	40.0	P	07/22/2025	15:26	LB136571
CCB04	Aluminum	11.3	+/-50	U	100	P	07/22/2025	16:17	LB136571
	Antimony	6.76	+/-25	U	50.0	P	07/22/2025	16:17	LB136571
	Arsenic	5.12	+/-10	U	20.0	P	07/22/2025	16:17	LB136571
	Barium	14.6	+/-50	U	100	P	07/22/2025	16:17	LB136571
	Beryllium	0.56	+/-3	U	6.00	P	07/22/2025	16:17	LB136571
	Cadmium	0.50	+/-3	U	6.00	P	07/22/2025	16:17	LB136571
	Calcium	234	+/-1000	U	2000	P	07/22/2025	16:17	LB136571
	Chromium	2.12	+/-5	U	10.0	P	07/22/2025	16:17	LB136571
	Cobalt	2.26	+/-15	U	30.0	P	07/22/2025	16:17	LB136571
	Copper	4.60	+/-10	U	20.0	P	07/22/2025	16:17	LB136571
	Iron	23.4	+/-50	U	100	P	07/22/2025	16:17	LB136571
	Lead	2.30	+/-6	U	12.0	P	07/22/2025	16:17	LB136571

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Earth Engineering Inc.

SDG No.: Q2651

Contract: EARTH03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	07/22/2025	16:17	LB136571
	Manganese	5.94	+/-10	U	20.0	P	07/22/2025	16:17	LB136571
	Nickel	3.06	+/-20	U	40.0	P	07/22/2025	16:17	LB136571
	Potassium	918	+/-1000	U	2000	P	07/22/2025	16:17	LB136571
	Selenium	9.64	+/-10	U	20.0	P	07/22/2025	16:17	LB136571
	Silver	1.62	+/-5	U	10.0	P	07/22/2025	16:17	LB136571
	Sodium	868	+/-1000	U	2000	P	07/22/2025	16:17	LB136571
	Thallium	4.38	+/-20	U	40.0	P	07/22/2025	16:17	LB136571
	Vanadium	6.26	+/-20	U	40.0	P	07/22/2025	16:17	LB136571
	Zinc	16.7	+/-20	U	40.0	P	07/22/2025	16:17	LB136571
CCB05	Aluminum	11.3	+/-50	U	100	P	07/22/2025	17:18	LB136571
	Antimony	6.76	+/-25	U	50.0	P	07/22/2025	17:18	LB136571
	Arsenic	5.12	+/-10	U	20.0	P	07/22/2025	17:18	LB136571
	Barium	14.6	+/-50	U	100	P	07/22/2025	17:18	LB136571
	Beryllium	0.56	+/-3	U	6.00	P	07/22/2025	17:18	LB136571
	Cadmium	0.50	+/-3	U	6.00	P	07/22/2025	17:18	LB136571
	Calcium	234	+/-1000	U	2000	P	07/22/2025	17:18	LB136571
	Chromium	2.12	+/-5	U	10.0	P	07/22/2025	17:18	LB136571
	Cobalt	2.26	+/-15	U	30.0	P	07/22/2025	17:18	LB136571
	Copper	4.60	+/-10	U	20.0	P	07/22/2025	17:18	LB136571
	Iron	23.4	+/-50	U	100	P	07/22/2025	17:18	LB136571
	Lead	2.30	+/-6	U	12.0	P	07/22/2025	17:18	LB136571
	Magnesium	244	+/-1000	U	2000	P	07/22/2025	17:18	LB136571
	Manganese	5.94	+/-10	U	20.0	P	07/22/2025	17:18	LB136571
	Nickel	3.06	+/-20	U	40.0	P	07/22/2025	17:18	LB136571
	Potassium	918	+/-1000	U	2000	P	07/22/2025	17:18	LB136571
	Selenium	9.64	+/-10	U	20.0	P	07/22/2025	17:18	LB136571
	Silver	1.62	+/-5	U	10.0	P	07/22/2025	17:18	LB136571
	Sodium	868	+/-1000	U	2000	P	07/22/2025	17:18	LB136571
	Thallium	4.38	+/-20	U	40.0	P	07/22/2025	17:18	LB136571
	Vanadium	6.26	+/-20	U	40.0	P	07/22/2025	17:18	LB136571
	Zinc	16.7	+/-20	U	40.0	P	07/22/2025	17:18	LB136571
CCB06	Aluminum	11.3	+/-50	U	100	P	07/22/2025	18:09	LB136571
	Antimony	6.76	+/-25	U	50.0	P	07/22/2025	18:09	LB136571
	Arsenic	5.12	+/-10	U	20.0	P	07/22/2025	18:09	LB136571
	Barium	14.6	+/-50	U	100	P	07/22/2025	18:09	LB136571
	Beryllium	0.56	+/-3	U	6.00	P	07/22/2025	18:09	LB136571
	Cadmium	0.50	+/-3	U	6.00	P	07/22/2025	18:09	LB136571
	Calcium	234	+/-1000	U	2000	P	07/22/2025	18:09	LB136571

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Earth Engineering Inc.

SDG No.: Q2651

Contract: EARTH03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	07/22/2025	18:09	LB136571
	Cobalt	2.26	+/-15	U	30.0	P	07/22/2025	18:09	LB136571
	Copper	4.60	+/-10	U	20.0	P	07/22/2025	18:09	LB136571
	Iron	23.4	+/-50	U	100	P	07/22/2025	18:09	LB136571
	Lead	2.30	+/-6	U	12.0	P	07/22/2025	18:09	LB136571
	Magnesium	244	+/-1000	U	2000	P	07/22/2025	18:09	LB136571
	Manganese	5.94	+/-10	U	20.0	P	07/22/2025	18:09	LB136571
	Nickel	3.06	+/-20	U	40.0	P	07/22/2025	18:09	LB136571
	Potassium	918	+/-1000	U	2000	P	07/22/2025	18:09	LB136571
	Selenium	9.64	+/-10	U	20.0	P	07/22/2025	18:09	LB136571
	Silver	1.62	+/-5	U	10.0	P	07/22/2025	18:09	LB136571
	Sodium	868	+/-1000	U	2000	P	07/22/2025	18:09	LB136571
	Thallium	4.38	+/-20	U	40.0	P	07/22/2025	18:09	LB136571
	Vanadium	6.26	+/-20	U	40.0	P	07/22/2025	18:09	LB136571
	Zinc	16.7	+/-20	U	40.0	P	07/22/2025	18:09	LB136571
CCB07	Aluminum	11.3	+/-50	U	100	P	07/22/2025	18:58	LB136571
	Antimony	6.76	+/-25	U	50.0	P	07/22/2025	18:58	LB136571
	Arsenic	5.12	+/-10	U	20.0	P	07/22/2025	18:58	LB136571
	Barium	14.6	+/-50	U	100	P	07/22/2025	18:58	LB136571
	Beryllium	0.56	+/-3	U	6.00	P	07/22/2025	18:58	LB136571
	Cadmium	0.50	+/-3	U	6.00	P	07/22/2025	18:58	LB136571
	Calcium	234	+/-1000	U	2000	P	07/22/2025	18:58	LB136571
	Chromium	2.12	+/-5	U	10.0	P	07/22/2025	18:58	LB136571
	Cobalt	2.26	+/-15	U	30.0	P	07/22/2025	18:58	LB136571
	Copper	4.60	+/-10	U	20.0	P	07/22/2025	18:58	LB136571
	Iron	25.2	+/-50	J	100	P	07/22/2025	18:58	LB136571
	Lead	2.30	+/-6	U	12.0	P	07/22/2025	18:58	LB136571
	Magnesium	244	+/-1000	U	2000	P	07/22/2025	18:58	LB136571
	Manganese	5.94	+/-10	U	20.0	P	07/22/2025	18:58	LB136571
	Nickel	3.06	+/-20	U	40.0	P	07/22/2025	18:58	LB136571
	Potassium	918	+/-1000	U	2000	P	07/22/2025	18:58	LB136571
	Selenium	9.64	+/-10	U	20.0	P	07/22/2025	18:58	LB136571
	Silver	1.62	+/-5	U	10.0	P	07/22/2025	18:58	LB136571
	Sodium	868	+/-1000	U	2000	P	07/22/2025	18:58	LB136571
	Thallium	4.38	+/-20	U	40.0	P	07/22/2025	18:58	LB136571
	Vanadium	6.26	+/-20	U	40.0	P	07/22/2025	18:58	LB136571
	Zinc	17.9	+/-20	J	40.0	P	07/22/2025	18:58	LB136571
CCB08	Aluminum	11.3	+/-50	U	100	P	07/22/2025	19:23	LB136571
	Antimony	6.76	+/-25	U	50.0	P	07/22/2025	19:23	LB136571

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Earth Engineering Inc.

SDG No.: Q2651

Contract: EARTH03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	07/22/2025	19:23	LB136571
	Barium	14.6	+/-50	U	100	P	07/22/2025	19:23	LB136571
	Beryllium	0.56	+/-3	U	6.00	P	07/22/2025	19:23	LB136571
	Cadmium	0.50	+/-3	U	6.00	P	07/22/2025	19:23	LB136571
	Calcium	234	+/-1000	U	2000	P	07/22/2025	19:23	LB136571
	Chromium	2.12	+/-5	U	10.0	P	07/22/2025	19:23	LB136571
	Cobalt	2.26	+/-15	U	30.0	P	07/22/2025	19:23	LB136571
	Copper	4.60	+/-10	U	20.0	P	07/22/2025	19:23	LB136571
	Iron	23.4	+/-50	U	100	P	07/22/2025	19:23	LB136571
	Lead	2.30	+/-6	U	12.0	P	07/22/2025	19:23	LB136571
	Magnesium	244	+/-1000	U	2000	P	07/22/2025	19:23	LB136571
	Manganese	5.94	+/-10	U	20.0	P	07/22/2025	19:23	LB136571
	Nickel	3.06	+/-20	U	40.0	P	07/22/2025	19:23	LB136571
	Potassium	918	+/-1000	U	2000	P	07/22/2025	19:23	LB136571
	Selenium	9.64	+/-10	U	20.0	P	07/22/2025	19:23	LB136571
	Silver	1.62	+/-5	U	10.0	P	07/22/2025	19:23	LB136571
	Sodium	868	+/-1000	U	2000	P	07/22/2025	19:23	LB136571
	Thallium	4.38	+/-20	U	40.0	P	07/22/2025	19:23	LB136571
	Vanadium	6.26	+/-20	U	40.0	P	07/22/2025	19:23	LB136571
	Zinc	16.7	+/-20	U	40.0	P	07/22/2025	19:23	LB136571