

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHB9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHE1

Matrix: SOIL Lab Sample ID: P4907-10

% Solids: 83.4 Date Received: 11/16/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7600		11/21/2024	1423
7440-36-0	Antimony	0.63	J*	11/21/2024	1423
7440-38-2	Arsenic	11		11/21/2024	1423
7440-39-3	Barium	150	*	11/21/2024	1423
7440-41-7	Beryllium	0.56	*	11/21/2024	1423
7440-43-9	Cadmium	1.4		11/21/2024	1423
7440-70-2	Calcium	5900	*	11/21/2024	1423
7440-47-3	Chromium	11	*	11/21/2024	1423
7440-48-4	Cobalt	11		11/21/2024	1423
7440-50-8	Copper	35	*	11/21/2024	1423
7439-89-6	Iron	23000	*	11/21/2024	1423
7439-92-1	Lead	140	*	11/21/2024	1423
7439-95-4	Magnesium	2300	*	11/21/2024	1423
7439-96-5	Manganese	2200	*	11/21/2024	1423
7440-02-0	Nickel	20		11/21/2024	1423
7440-09-7	Potassium	1000		11/21/2024	1423
7782-49-2	Selenium	3.6	U*	11/21/2024	1423
7440-22-4	Silver	1.0	U*	11/21/2024	1423
7440-23-5	Sodium	520	U	11/21/2024	1423
7440-28-0	Thallium	2.6	U	11/21/2024	1423
7440-62-2	Vanadium	20		11/21/2024	1423
7440-66-6	Zinc	110	*	11/21/2024	1423

NOTE: Hardness (total) is reported in mg/L

Comments:

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MBHHC0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHE1
 Matrix: SOIL Lab Sample ID: P4907-11
 % Solids: 77.4 Date Received: 11/16/2024

Analytical Method: ICP_AESConcentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	3900		11/21/2024	1427
7440-36-0	Antimony	0.77	J*	11/21/2024	1427
7440-38-2	Arsenic	5.7		11/21/2024	1427
7440-39-3	Barium	67	*	11/21/2024	1427
7440-41-7	Beryllium	0.24	J*	11/21/2024	1427
7440-43-9	Cadmium	0.61		11/21/2024	1427
7440-70-2	Calcium	29000	*	11/21/2024	1427
7440-47-3	Chromium	6.6	*	11/21/2024	1427
7440-48-4	Cobalt	4.3	J	11/21/2024	1427
7440-50-8	Copper	16	*	11/21/2024	1427
7439-89-6	Iron	9100	*	11/21/2024	1427
7439-92-1	Lead	110	*	11/21/2024	1427
7439-95-4	Magnesium	11000	*	11/21/2024	1427
7439-96-5	Manganese	650	*	11/21/2024	1427
7440-02-0	Nickel	10		11/21/2024	1427
7440-09-7	Potassium	520		11/21/2024	1427
7782-49-2	Selenium	3.1	U*	11/21/2024	1427
7440-22-4	Silver	0.89	U*	11/21/2024	1427
7440-23-5	Sodium	95	J	11/21/2024	1427
7440-28-0	Thallium	2.2	U	11/21/2024	1427
7440-62-2	Vanadium	11		11/21/2024	1427
7440-66-6	Zinc	66	*	11/21/2024	1427

NOTE: Hardness (total) is reported in mg/L

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MBHHC1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHE1

Matrix: SOIL Lab Sample ID: P4907-12

% Solids: 80.6 Date Received: 11/16/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5000		11/21/2024	1432
7440-36-0	Antimony	0.70	J*	11/21/2024	1432
7440-38-2	Arsenic	10		11/21/2024	1432
7440-39-3	Barium	86	*	11/21/2024	1432
7440-41-7	Beryllium	0.31	J*	11/21/2024	1432
7440-43-9	Cadmium	0.95		11/21/2024	1432
7440-70-2	Calcium	22000	*	11/21/2024	1432
7440-47-3	Chromium	7.7	*	11/21/2024	1432
7440-48-4	Cobalt	6.4		11/21/2024	1432
7440-50-8	Copper	24	*	11/21/2024	1432
7439-89-6	Iron	13000	*	11/21/2024	1432
7439-92-1	Lead	200	*	11/21/2024	1432
7439-95-4	Magnesium	7200	*	11/21/2024	1432
7439-96-5	Manganese	1000	*	11/21/2024	1432
7440-02-0	Nickel	13		11/21/2024	1432
7440-09-7	Potassium	700		11/21/2024	1432
7782-49-2	Selenium	2.9	U*	11/21/2024	1432
7440-22-4	Silver	0.83	U*	11/21/2024	1432
7440-23-5	Sodium	100	J	11/21/2024	1432
7440-28-0	Thallium	2.1	U	11/21/2024	1432
7440-62-2	Vanadium	15		11/21/2024	1432
7440-66-6	Zinc	91	*	11/21/2024	1432

NOTE: Hardness (total) is reported in mg/L

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MBHHC2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHE1

Matrix: SOIL Lab Sample ID: P4907-13

% Solids: 80.9 Date Received: 11/16/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6600		11/21/2024	1436
7440-36-0	Antimony	0.54	J*	11/21/2024	1436
7440-38-2	Arsenic	13		11/21/2024	1436
7440-39-3	Barium	120	*	11/21/2024	1436
7440-41-7	Beryllium	0.41	J*	11/21/2024	1436
7440-43-9	Cadmium	1.2		11/21/2024	1436
7440-70-2	Calcium	19000	*	11/21/2024	1436
7440-47-3	Chromium	9.1	*	11/21/2024	1436
7440-48-4	Cobalt	9.8		11/21/2024	1436
7440-50-8	Copper	30	*	11/21/2024	1436
7439-89-6	Iron	17000	*	11/21/2024	1436
7439-92-1	Lead	160	*	11/21/2024	1436
7439-95-4	Magnesium	3100	*	11/21/2024	1436
7439-96-5	Manganese	1600	*	11/21/2024	1436
7440-02-0	Nickel	18		11/21/2024	1436
7440-09-7	Potassium	850		11/21/2024	1436
7782-49-2	Selenium	3.8	U*	11/21/2024	1436
7440-22-4	Silver	1.1	U*	11/21/2024	1436
7440-23-5	Sodium	540	U	11/21/2024	1436
7440-28-0	Thallium	2.7	U	11/21/2024	1436
7440-62-2	Vanadium	16		11/21/2024	1436
7440-66-6	Zinc	93	*	11/21/2024	1436

NOTE: Hardness (total) is reported in mg/L

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MBHHC3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHE1

Matrix: SOIL Lab Sample ID: P4907-14

% Solids: 78.3 Date Received: 11/16/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6200		11/21/2024	1441
7440-36-0	Antimony	0.82	J*	11/21/2024	1441
7440-38-2	Arsenic	14		11/21/2024	1441
7440-39-3	Barium	130	*	11/21/2024	1441
7440-41-7	Beryllium	0.44	J*	11/21/2024	1441
7440-43-9	Cadmium	1.2		11/21/2024	1441
7440-70-2	Calcium	15000	*	11/21/2024	1441
7440-47-3	Chromium	11	*	11/21/2024	1441
7440-48-4	Cobalt	8.9		11/21/2024	1441
7440-50-8	Copper	33	*	11/21/2024	1441
7439-89-6	Iron	15000	*	11/21/2024	1441
7439-92-1	Lead	280	*	11/21/2024	1441
7439-95-4	Magnesium	4400	*	11/21/2024	1441
7439-96-5	Manganese	1400	*	11/21/2024	1441
7440-02-0	Nickel	19		11/21/2024	1441
7440-09-7	Potassium	980		11/21/2024	1441
7782-49-2	Selenium	3.2	U*	11/21/2024	1441
7440-22-4	Silver	0.91	U*	11/21/2024	1441
7440-23-5	Sodium	90	J	11/21/2024	1441
7440-28-0	Thallium	2.3	U	11/21/2024	1441
7440-62-2	Vanadium	19		11/21/2024	1441
7440-66-6	Zinc	110	*	11/21/2024	1441

NOTE: Hardness (total) is reported in mg/L

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MBHHC4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHE1

Matrix: SOIL Lab Sample ID: P4907-15

% Solids: 82.3 Date Received: 11/16/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6900		11/21/2024	1445
7440-36-0	Antimony	0.68	J*	11/21/2024	1445
7440-38-2	Arsenic	18		11/21/2024	1445
7440-39-3	Barium	160	*	11/21/2024	1445
7440-41-7	Beryllium	0.49	J*	11/21/2024	1445
7440-43-9	Cadmium	1.4		11/21/2024	1445
7440-70-2	Calcium	7400	*	11/21/2024	1445
7440-47-3	Chromium	13	*	11/21/2024	1445
7440-48-4	Cobalt	11		11/21/2024	1445
7440-50-8	Copper	41	*	11/21/2024	1445
7439-89-6	Iron	18000	*	11/21/2024	1445
7439-92-1	Lead	240	*	11/21/2024	1445
7439-95-4	Magnesium	2600	*	11/21/2024	1445
7439-96-5	Manganese	1800	*	11/21/2024	1445
7440-02-0	Nickel	22		11/21/2024	1445
7440-09-7	Potassium	1200		11/21/2024	1445
7782-49-2	Selenium	3.7	U*	11/21/2024	1445
7440-22-4	Silver	1.1	U*	11/21/2024	1445
7440-23-5	Sodium	120	J	11/21/2024	1445
7440-28-0	Thallium	2.6	U	11/21/2024	1445
7440-62-2	Vanadium	22		11/21/2024	1445
7440-66-6	Zinc	120	*	11/21/2024	1445

NOTE: Hardness (total) is reported in mg/L

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MBHHD6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHE1

Matrix: SOIL Lab Sample ID: P4907-16

% Solids: 82.9 Date Received: 11/16/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6400		11/21/2024	1450
7440-36-0	Antimony	0.74	J*	11/21/2024	1450
7440-38-2	Arsenic	21		11/21/2024	1450
7440-39-3	Barium	150	*	11/21/2024	1450
7440-41-7	Beryllium	0.48	J*	11/21/2024	1450
7440-43-9	Cadmium	1.3		11/21/2024	1450
7440-70-2	Calcium	8000	*	11/21/2024	1450
7440-47-3	Chromium	11	*	11/21/2024	1450
7440-48-4	Cobalt	10		11/21/2024	1450
7440-50-8	Copper	40	*	11/21/2024	1450
7439-89-6	Iron	18000	*	11/21/2024	1450
7439-92-1	Lead	210	*	11/21/2024	1450
7439-95-4	Magnesium	2600	*	11/21/2024	1450
7439-96-5	Manganese	1700	*	11/21/2024	1450
7440-02-0	Nickel	21		11/21/2024	1450
7440-09-7	Potassium	1100		11/21/2024	1450
7782-49-2	Selenium	3.5	U*	11/21/2024	1450
7440-22-4	Silver	0.99	U*	11/21/2024	1450
7440-23-5	Sodium	120	J	11/21/2024	1450
7440-28-0	Thallium	2.5	U	11/21/2024	1450
7440-62-2	Vanadium	22		11/21/2024	1450
7440-66-6	Zinc	120	*	11/21/2024	1450

NOTE: Hardness (total) is reported in mg/L

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MBHHD7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHE1

Matrix: SOIL Lab Sample ID: P4907-17

% Solids: 83.6 Date Received: 11/16/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7300		11/21/2024	1454
7440-36-0	Antimony	0.43	J*	11/21/2024	1454
7440-38-2	Arsenic	12		11/21/2024	1454
7440-39-3	Barium	140	*	11/21/2024	1454
7440-41-7	Beryllium	0.50	*	11/21/2024	1454
7440-43-9	Cadmium	1.5		11/21/2024	1454
7440-70-2	Calcium	5100	*	11/21/2024	1454
7440-47-3	Chromium	10	*	11/21/2024	1454
7440-48-4	Cobalt	11		11/21/2024	1454
7440-50-8	Copper	35	*	11/21/2024	1454
7439-89-6	Iron	20000	*	11/21/2024	1454
7439-92-1	Lead	140	*	11/21/2024	1454
7439-95-4	Magnesium	2100	*	11/21/2024	1454
7439-96-5	Manganese	2100	*	11/21/2024	1454
7440-02-0	Nickel	19		11/21/2024	1454
7440-09-7	Potassium	980		11/21/2024	1454
7782-49-2	Selenium	3.4	U*	11/21/2024	1454
7440-22-4	Silver	0.97	U*	11/21/2024	1454
7440-23-5	Sodium	130	J	11/21/2024	1454
7440-28-0	Thallium	0.74	J	11/21/2024	1454
7440-62-2	Vanadium	19		11/21/2024	1454
7440-66-6	Zinc	110	*	11/21/2024	1454

NOTE: Hardness (total) is reported in mg/L

Comments:

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MBHHE1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHE1

Matrix: SOIL Lab Sample ID: P4907-01

% Solids: 80.8 Date Received: 11/16/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6700		11/21/2024	1338
7440-36-0	Antimony	0.59	J*	11/21/2024	1338
7440-38-2	Arsenic	9.9		11/21/2024	1338
7440-39-3	Barium	160	*	11/21/2024	1338
7440-41-7	Beryllium	0.43	*	11/21/2024	1338
7440-43-9	Cadmium	1.3		11/21/2024	1338
7440-70-2	Calcium	23000	*	11/21/2024	1338
7440-47-3	Chromium	11	*	11/21/2024	1338
7440-48-4	Cobalt	7.5		11/21/2024	1338
7440-50-8	Copper	130	*	11/21/2024	1338
7439-89-6	Iron	14000	*	11/21/2024	1338
7439-92-1	Lead	130	*	11/21/2024	1338
7439-95-4	Magnesium	5800	*	11/21/2024	1338
7439-96-5	Manganese	820	*	11/21/2024	1338
7440-02-0	Nickel	18		11/21/2024	1338
7440-09-7	Potassium	840		11/21/2024	1338
7782-49-2	Selenium	3.0	U*	11/21/2024	1338
7440-22-4	Silver	0.85	U*	11/21/2024	1338
7440-23-5	Sodium	91	J	11/21/2024	1338
7440-28-0	Thallium	2.1	U	11/21/2024	1338
7440-62-2	Vanadium	16		11/21/2024	1338
7440-66-6	Zinc	340	*	11/21/2024	1338

NOTE: Hardness (total) is reported in mg/L

Comments:

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MBHHE4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHE1

Matrix: SOIL Lab Sample ID: P4907-04

% Solids: 86.2 Date Received: 11/16/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	3800		11/21/2024	1356
7440-36-0	Antimony	0.39	J*	11/21/2024	1356
7440-38-2	Arsenic	6.9		11/21/2024	1356
7440-39-3	Barium	83	*	11/21/2024	1356
7440-41-7	Beryllium	0.22	J*	11/21/2024	1356
7440-43-9	Cadmium	0.66		11/21/2024	1356
7440-70-2	Calcium	120000	D*	12/03/2024	0648
7440-47-3	Chromium	5.9	*	11/21/2024	1356
7440-48-4	Cobalt	5.0		11/21/2024	1356
7440-50-8	Copper	17	*	11/21/2024	1356
7439-89-6	Iron	9600	*	11/21/2024	1356
7439-92-1	Lead	14	*	11/21/2024	1356
7439-95-4	Magnesium	16000	*	11/21/2024	1356
7439-96-5	Manganese	670	*	11/21/2024	1356
7440-02-0	Nickel	10		11/21/2024	1356
7440-09-7	Potassium	570		11/21/2024	1356
7782-49-2	Selenium	3.0	U*	11/21/2024	1356
7440-22-4	Silver	0.28	J*	11/21/2024	1356
7440-23-5	Sodium	100	J	11/21/2024	1356
7440-28-0	Thallium	2.2	U	11/21/2024	1356
7440-62-2	Vanadium	11		11/21/2024	1356
7440-66-6	Zinc	32	*	11/21/2024	1356

NOTE: Hardness (total) is reported in mg/L

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MBHHE5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHE1

Matrix: SOIL Lab Sample ID: P4907-05

% Solids: 91.4 Date Received: 11/16/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	2700		11/21/2024	1401
7440-36-0	Antimony	4.4	U*	11/21/2024	1401
7440-38-2	Arsenic	3.8		11/21/2024	1401
7440-39-3	Barium	47	*	11/21/2024	1401
7440-41-7	Beryllium	0.19	J*	11/21/2024	1401
7440-43-9	Cadmium	0.45		11/21/2024	1401
7440-70-2	Calcium	91000	D*	12/03/2024	0652
7440-47-3	Chromium	4.8	*	11/21/2024	1401
7440-48-4	Cobalt	3.6	J	11/21/2024	1401
7440-50-8	Copper	7.7	*	11/21/2024	1401
7439-89-6	Iron	7200	*	11/21/2024	1401
7439-92-1	Lead	7.6	*	11/21/2024	1401
7439-95-4	Magnesium	5300	*	11/21/2024	1401
7439-96-5	Manganese	840	*	11/21/2024	1401
7440-02-0	Nickel	9.3		11/21/2024	1401
7440-09-7	Potassium	660		11/21/2024	1401
7782-49-2	Selenium	2.6	U*	11/21/2024	1401
7440-22-4	Silver	0.74	U*	11/21/2024	1401
7440-23-5	Sodium	370	U	11/21/2024	1401
7440-28-0	Thallium	1.9	U	11/21/2024	1401
7440-62-2	Vanadium	7.4		11/21/2024	1401
7440-66-6	Zinc	19	*	11/21/2024	1401

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHE6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHE1

Matrix: SOIL Lab Sample ID: P4907-06

% Solids: 77 Date Received: 11/16/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6600		11/21/2024	1405
7440-36-0	Antimony	0.43	J*	11/21/2024	1405
7440-38-2	Arsenic	9.6		11/21/2024	1405
7440-39-3	Barium	170	*	11/21/2024	1405
7440-41-7	Beryllium	0.44	*	11/21/2024	1405
7440-43-9	Cadmium	1.1		11/21/2024	1405
7440-70-2	Calcium	18000	*	11/21/2024	1405
7440-47-3	Chromium	12	*	11/21/2024	1405
7440-48-4	Cobalt	7.1		11/21/2024	1405
7440-50-8	Copper	43	*	11/21/2024	1405
7439-89-6	Iron	14000	*	11/21/2024	1405
7439-92-1	Lead	380	*	11/21/2024	1405
7439-95-4	Magnesium	4500	*	11/21/2024	1405
7439-96-5	Manganese	690	*	11/21/2024	1405
7440-02-0	Nickel	18		11/21/2024	1405
7440-09-7	Potassium	870		11/21/2024	1405
7782-49-2	Selenium	3.1	U*	11/21/2024	1405
7440-22-4	Silver	0.87	U*	11/21/2024	1405
7440-23-5	Sodium	110	J	11/21/2024	1405
7440-28-0	Thallium	2.2	U	11/21/2024	1405
7440-62-2	Vanadium	16		11/21/2024	1405
7440-66-6	Zinc	150	*	11/21/2024	1405

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHE7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHE1

Matrix: SOIL Lab Sample ID: P4907-07

% Solids: 91.6 Date Received: 11/16/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5300		11/21/2024	1410
7440-36-0	Antimony	0.49	J*	11/21/2024	1410
7440-38-2	Arsenic	8.0		11/21/2024	1410
7440-39-3	Barium	74	*	11/21/2024	1410
7440-41-7	Beryllium	0.24	J*	11/21/2024	1410
7440-43-9	Cadmium	0.49		11/21/2024	1410
7440-70-2	Calcium	12000	*	11/21/2024	1410
7440-47-3	Chromium	6.2	*	11/21/2024	1410
7440-48-4	Cobalt	3.6	J	11/21/2024	1410
7440-50-8	Copper	17	*	11/21/2024	1410
7439-89-6	Iron	10000	*	11/21/2024	1410
7439-92-1	Lead	85	*	11/21/2024	1410
7439-95-4	Magnesium	6800	*	11/21/2024	1410
7439-96-5	Manganese	630	*	11/21/2024	1410
7440-02-0	Nickel	8.9		11/21/2024	1410
7440-09-7	Potassium	390	J	11/21/2024	1410
7782-49-2	Selenium	3.2	U*	11/21/2024	1410
7440-22-4	Silver	0.91	U*	11/21/2024	1410
7440-23-5	Sodium	460	U	11/21/2024	1410
7440-28-0	Thallium	2.3	U	11/21/2024	1410
7440-62-2	Vanadium	11		11/21/2024	1410
7440-66-6	Zinc	55	*	11/21/2024	1410

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHE8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHE1

Matrix: SOIL Lab Sample ID: P4907-08

% Solids: 88.3 Date Received: 11/16/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6900		11/21/2024	1414
7440-36-0	Antimony	0.86	J*	11/21/2024	1414
7440-38-2	Arsenic	9.3		11/21/2024	1414
7440-39-3	Barium	130	*	11/21/2024	1414
7440-41-7	Beryllium	0.39	J*	11/21/2024	1414
7440-43-9	Cadmium	0.92		11/21/2024	1414
7440-70-2	Calcium	23000	*	11/21/2024	1414
7440-47-3	Chromium	12	*	11/21/2024	1414
7440-48-4	Cobalt	6.5		11/21/2024	1414
7440-50-8	Copper	31	*	11/21/2024	1414
7439-89-6	Iron	15000	*	11/21/2024	1414
7439-92-1	Lead	150	*	11/21/2024	1414
7439-95-4	Magnesium	5700	*	11/21/2024	1414
7439-96-5	Manganese	740	*	11/21/2024	1414
7440-02-0	Nickel	15		11/21/2024	1414
7440-09-7	Potassium	720		11/21/2024	1414
7782-49-2	Selenium	3.3	U*	11/21/2024	1414
7440-22-4	Silver	0.94	U*	11/21/2024	1414
7440-23-5	Sodium	100	J	11/21/2024	1414
7440-28-0	Thallium	2.4	U	11/21/2024	1414
7440-62-2	Vanadium	18		11/21/2024	1414
7440-66-6	Zinc	130	*	11/21/2024	1414

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHE9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHE1

Matrix: SOIL Lab Sample ID: P4907-09

% Solids: 89.3 Date Received: 11/16/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6000		11/21/2024	1419
7440-36-0	Antimony	5.3	U*	11/21/2024	1419
7440-38-2	Arsenic	9.4		11/21/2024	1419
7440-39-3	Barium	140	*	11/21/2024	1419
7440-41-7	Beryllium	0.35	J*	11/21/2024	1419
7440-43-9	Cadmium	1.0		11/21/2024	1419
7440-70-2	Calcium	34000	*	11/21/2024	1419
7440-47-3	Chromium	10	*	11/21/2024	1419
7440-48-4	Cobalt	6.9		11/21/2024	1419
7440-50-8	Copper	46	*	11/21/2024	1419
7439-89-6	Iron	14000	*	11/21/2024	1419
7439-92-1	Lead	220	*	11/21/2024	1419
7439-95-4	Magnesium	6900	*	11/21/2024	1419
7439-96-5	Manganese	830	*	11/21/2024	1419
7440-02-0	Nickel	15		11/21/2024	1419
7440-09-7	Potassium	700		11/21/2024	1419
7782-49-2	Selenium	3.1	U*	11/21/2024	1419
7440-22-4	Silver	0.88	U*	11/21/2024	1419
7440-23-5	Sodium	100	J	11/21/2024	1419
7440-28-0	Thallium	2.2	U	11/21/2024	1419
7440-62-2	Vanadium	16		11/21/2024	1419
7440-66-6	Zinc	180	*	11/21/2024	1419

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHF0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHE1
 Matrix: Water Lab Sample ID: P4907-18
 % Solids: Date Received: 11/16/2024
 Analytical Method: ICP_AES
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	200	U	11/20/2024	1314
7440-36-0	Antimony	60	U	11/20/2024	1314
7440-38-2	Arsenic	10	U	11/20/2024	1314
7440-39-3	Barium	200	U	11/20/2024	1314
7440-41-7	Beryllium	5.0	U	11/20/2024	1314
7440-43-9	Cadmium	5.0	U	11/20/2024	1314
7440-70-2	Calcium	5000	U	11/20/2024	1314
7440-47-3	Chromium	10	U	11/20/2024	1314
7440-48-4	Cobalt	50	U	11/20/2024	1314
7440-50-8	Copper	25	U	11/20/2024	1314
7439-89-6	Iron	570		11/20/2024	1314
7439-92-1	Lead	10	U	11/20/2024	1314
7439-95-4	Magnesium	5000	U	11/20/2024	1314
7439-96-5	Manganese	7.2	J	11/20/2024	1314
7440-02-0	Nickel	2.4	J	11/20/2024	1314
7440-09-7	Potassium	5000	U	11/20/2024	1314
7782-49-2	Selenium	35	U	11/20/2024	1314
7440-22-4	Silver	10	U	11/20/2024	1314
7440-23-5	Sodium	5000	U	11/20/2024	1314
7440-28-0	Thallium	25	U	11/20/2024	1314
7440-62-2	Vanadium	50	U	11/20/2024	1314
7440-66-6	Zinc	60	U	11/20/2024	1314

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHF1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHE1
 Matrix: Water Lab Sample ID: P4907-19
 % Solids: Date Received: 11/16/2024
 Analytical Method: ICP_AES
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	200	U	11/20/2024	1319
7440-36-0	Antimony	60	U	11/20/2024	1319
7440-38-2	Arsenic	10	U	11/20/2024	1319
7440-39-3	Barium	200	U	11/20/2024	1319
7440-41-7	Beryllium	5.0	U	11/20/2024	1319
7440-43-9	Cadmium	5.0	U	11/20/2024	1319
7440-70-2	Calcium	5000	U	11/20/2024	1319
7440-47-3	Chromium	1.5	J	11/20/2024	1319
7440-48-4	Cobalt	50	U	11/20/2024	1319
7440-50-8	Copper	25	U	11/20/2024	1319
7439-89-6	Iron	92	J	11/20/2024	1319
7439-92-1	Lead	10	U	11/20/2024	1319
7439-95-4	Magnesium	5000	U	11/20/2024	1319
7439-96-5	Manganese	2.0	J	11/20/2024	1319
7440-02-0	Nickel	40	U	11/20/2024	1319
7440-09-7	Potassium	5000	U	11/20/2024	1319
7782-49-2	Selenium	35	U	11/20/2024	1319
7440-22-4	Silver	10	U	11/20/2024	1319
7440-23-5	Sodium	5000	U	11/20/2024	1319
7440-28-0	Thallium	25	U	11/20/2024	1319
7440-62-2	Vanadium	50	U	11/20/2024	1319
7440-66-6	Zinc	60	U	11/20/2024	1319

NOTE: Hardness (total) is reported in mg/L

Comments: