

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHF2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHF2

Matrix: SOIL Lab Sample ID: P4914-01

% Solids: 84.7 Date Received: 11/19/2024

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	6100		12/13/2024	2215
7440-36-0	Antimony	2.7	J	12/13/2024	2215
7440-38-2	Arsenic	25		12/13/2024	2215
7440-39-3	Barium	160		12/13/2024	2215
7440-41-7	Beryllium	0.51		12/13/2024	2215
7440-43-9	Cadmium	0.89		12/13/2024	2215
7440-70-2	Calcium	11000		12/13/2024	2215
7440-47-3	Chromium	30		12/13/2024	2215
7440-48-4	Cobalt	8.8		12/13/2024	2215
7440-50-8	Copper	44	*	12/13/2024	2215
7439-89-6	Iron	14000		12/13/2024	2215
7439-92-1	Lead	490		12/13/2024	2215
7439-95-4	Magnesium	3200		12/13/2024	2215
7439-96-5	Manganese	900		12/13/2024	2215
7440-02-0	Nickel	18		12/13/2024	2215
7440-09-7	Potassium	370	J	12/13/2024	2215
7782-49-2	Selenium	3.3	U	12/13/2024	2215
7440-22-4	Silver	0.93	U	12/13/2024	2215
7440-23-5	Sodium	230	J	12/13/2024	2215
7440-28-0	Thallium	1.8	J	12/13/2024	2215
7440-62-2	Vanadium	16		12/13/2024	2215
7440-66-6	Zinc	180		12/13/2024	2215

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

Comments:

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MBHHF3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHF2

Matrix: SOIL Lab Sample ID: P4914-02

% Solids: 89 Date Received: 11/19/2024

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	5800		12/13/2024	2218
7440-36-0	Antimony	2.6	J	12/13/2024	2218
7440-38-2	Arsenic	19		12/13/2024	2218
7440-39-3	Barium	140		12/13/2024	2218
7440-41-7	Beryllium	0.47		12/13/2024	2218
7440-43-9	Cadmium	0.89		12/13/2024	2218
7440-70-2	Calcium	8000		12/13/2024	2218
7440-47-3	Chromium	36		12/13/2024	2218
7440-48-4	Cobalt	8.5		12/13/2024	2218
7440-50-8	Copper	32	*	12/13/2024	2218
7439-89-6	Iron	13000		12/13/2024	2218
7439-92-1	Lead	460		12/13/2024	2218
7439-95-4	Magnesium	3400		12/13/2024	2218
7439-96-5	Manganese	850		12/13/2024	2218
7440-02-0	Nickel	23		12/13/2024	2218
7440-09-7	Potassium	300	J	12/13/2024	2218
7782-49-2	Selenium	2.7	U	12/13/2024	2218
7440-22-4	Silver	0.78	U	12/13/2024	2218
7440-23-5	Sodium	150	J	12/13/2024	2218
7440-28-0	Thallium	1.5	J	12/13/2024	2218
7440-62-2	Vanadium	14		12/13/2024	2218
7440-66-6	Zinc	160		12/13/2024	2218

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

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MBHHF4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHF2

Matrix: SOIL Lab Sample ID: P4914-03

% Solids: 89.8 Date Received: 11/19/2024

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	6100		12/13/2024	2222
7440-36-0	Antimony	2.5	J	12/13/2024	2222
7440-38-2	Arsenic	16		12/13/2024	2222
7440-39-3	Barium	250		12/13/2024	2222
7440-41-7	Beryllium	0.53		12/13/2024	2222
7440-43-9	Cadmium	1.3		12/13/2024	2222
7440-70-2	Calcium	7500		12/13/2024	2222
7440-47-3	Chromium	27		12/13/2024	2222
7440-48-4	Cobalt	9.3		12/13/2024	2222
7440-50-8	Copper	34	*	12/13/2024	2222
7439-89-6	Iron	13000		12/13/2024	2222
7439-92-1	Lead	970		12/13/2024	2222
7439-95-4	Magnesium	3100		12/13/2024	2222
7439-96-5	Manganese	1000		12/13/2024	2222
7440-02-0	Nickel	20		12/13/2024	2222
7440-09-7	Potassium	330	J	12/13/2024	2222
7782-49-2	Selenium	0.95	J	12/13/2024	2222
7440-22-4	Silver	0.80	U	12/13/2024	2222
7440-23-5	Sodium	140	J	12/13/2024	2222
7440-28-0	Thallium	1.6	J	12/13/2024	2222
7440-62-2	Vanadium	15		12/13/2024	2222
7440-66-6	Zinc	280		12/13/2024	2222

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

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MBHHF5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHF2

Matrix: SOIL Lab Sample ID: P4914-04

% Solids: 71 Date Received: 11/19/2024

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		12/13/2024	2226
7440-36-0	Antimony	2.4	J	12/13/2024	2226
7440-38-2	Arsenic	14		12/13/2024	2226
7440-39-3	Barium	270		12/13/2024	2226
7440-41-7	Beryllium	0.61		12/13/2024	2226
7440-43-9	Cadmium	1.4		12/13/2024	2226
7440-70-2	Calcium	18000		12/13/2024	2226
7440-47-3	Chromium	17		12/13/2024	2226
7440-48-4	Cobalt	11		12/13/2024	2226
7440-50-8	Copper	52	*	12/13/2024	2226
7439-89-6	Iron	15000		12/13/2024	2226
7439-92-1	Lead	510		12/13/2024	2226
7439-95-4	Magnesium	4300		12/13/2024	2226
7439-96-5	Manganese	1200		12/13/2024	2226
7440-02-0	Nickel	23		12/13/2024	2226
7440-09-7	Potassium	900		12/13/2024	2226
7782-49-2	Selenium	3.4	U	12/13/2024	2226
7440-22-4	Silver	0.96	U	12/13/2024	2226
7440-23-5	Sodium	250	J	12/13/2024	2226
7440-28-0	Thallium	2.7		12/13/2024	2226
7440-62-2	Vanadium	15		12/13/2024	2226
7440-66-6	Zinc	310		12/13/2024	2226

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

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MBHHF6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHF2

Matrix: SOIL Lab Sample ID: P4914-05

% Solids: 82.6 Date Received: 11/19/2024

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	7000		12/13/2024	2230
7440-36-0	Antimony	2.6	J	12/13/2024	2230
7440-38-2	Arsenic	19		12/13/2024	2230
7440-39-3	Barium	280		12/13/2024	2230
7440-41-7	Beryllium	0.69		12/13/2024	2230
7440-43-9	Cadmium	1.4		12/13/2024	2230
7440-70-2	Calcium	18000		12/13/2024	2230
7440-47-3	Chromium	14		12/13/2024	2230
7440-48-4	Cobalt	13		12/13/2024	2230
7440-50-8	Copper	55	*	12/13/2024	2230
7439-89-6	Iron	15000		12/13/2024	2230
7439-92-1	Lead	490		12/13/2024	2230
7439-95-4	Magnesium	3900		12/13/2024	2230
7439-96-5	Manganese	1600		12/13/2024	2230
7440-02-0	Nickel	21		12/13/2024	2230
7440-09-7	Potassium	870		12/13/2024	2230
7782-49-2	Selenium	3.9	U	12/13/2024	2230
7440-22-4	Silver	1.1	U	12/13/2024	2230
7440-23-5	Sodium	270	J	12/13/2024	2230
7440-28-0	Thallium	3.2		12/13/2024	2230
7440-62-2	Vanadium	15		12/13/2024	2230
7440-66-6	Zinc	280		12/13/2024	2230

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

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MBHHF7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHF2

Matrix: SOIL Lab Sample ID: P4914-06

% Solids: 81.7 Date Received: 11/19/2024

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	6800		12/13/2024	2233
7440-36-0	Antimony	2.7	J	12/13/2024	2233
7440-38-2	Arsenic	17		12/13/2024	2233
7440-39-3	Barium	190		12/13/2024	2233
7440-41-7	Beryllium	0.63		12/13/2024	2233
7440-43-9	Cadmium	0.99		12/13/2024	2233
7440-70-2	Calcium	15000		12/13/2024	2233
7440-47-3	Chromium	12		12/13/2024	2233
7440-48-4	Cobalt	12		12/13/2024	2233
7440-50-8	Copper	48	*	12/13/2024	2233
7439-89-6	Iron	16000		12/13/2024	2233
7439-92-1	Lead	320		12/13/2024	2233
7439-95-4	Magnesium	2900		12/13/2024	2233
7439-96-5	Manganese	1400		12/13/2024	2233
7440-02-0	Nickel	20		12/13/2024	2233
7440-09-7	Potassium	870		12/13/2024	2233
7782-49-2	Selenium	3.9	U	12/13/2024	2233
7440-22-4	Silver	1.1	U	12/13/2024	2233
7440-23-5	Sodium	230	J	12/13/2024	2233
7440-28-0	Thallium	2.5	J	12/13/2024	2233
7440-62-2	Vanadium	13		12/13/2024	2233
7440-66-6	Zinc	190		12/13/2024	2233

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

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MBHHF8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHF2

Matrix: SOIL Lab Sample ID: P4914-07

% Solids: 80.8 Date Received: 11/19/2024

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	7000		12/13/2024	2237
7440-36-0	Antimony	2.1	J	12/13/2024	2237
7440-38-2	Arsenic	18		12/13/2024	2237
7440-39-3	Barium	150		12/13/2024	2237
7440-41-7	Beryllium	0.51		12/13/2024	2237
7440-43-9	Cadmium	0.82		12/13/2024	2237
7440-70-2	Calcium	27000		12/13/2024	2237
7440-47-3	Chromium	10		12/13/2024	2237
7440-48-4	Cobalt	14		12/13/2024	2237
7440-50-8	Copper	37	*	12/13/2024	2237
7439-89-6	Iron	15000		12/13/2024	2237
7439-92-1	Lead	250		12/13/2024	2237
7439-95-4	Magnesium	2800		12/13/2024	2237
7439-96-5	Manganese	1700		12/13/2024	2237
7440-02-0	Nickel	20		12/13/2024	2237
7440-09-7	Potassium	800		12/13/2024	2237
7782-49-2	Selenium	3.6	U	12/13/2024	2237
7440-22-4	Silver	1.0	U	12/13/2024	2237
7440-23-5	Sodium	280	J	12/13/2024	2237
7440-28-0	Thallium	4.6		12/13/2024	2237
7440-62-2	Vanadium	14		12/13/2024	2237
7440-66-6	Zinc	120		12/13/2024	2237

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

Comments:

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EPA SAMPLE NO.

MBHHF9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHF2
 Matrix: SOIL Lab Sample ID: P4914-08
 % Solids: 84.2 Date Received: 11/19/2024
 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	7400		12/13/2024	2241
7440-36-0	Antimony	3.1	J	12/13/2024	2241
7440-38-2	Arsenic	14		12/13/2024	2241
7440-39-3	Barium	66		12/13/2024	2241
7440-41-7	Beryllium	0.66		12/13/2024	2241
7440-43-9	Cadmium	0.50		12/13/2024	2241
7440-70-2	Calcium	5400		12/13/2024	2241
7440-47-3	Chromium	11		12/13/2024	2241
7440-48-4	Cobalt	12		12/13/2024	2241
7440-50-8	Copper	56	*	12/13/2024	2241
7439-89-6	Iron	17000		12/13/2024	2241
7439-92-1	Lead	75		12/13/2024	2241
7439-95-4	Magnesium	2500		12/13/2024	2241
7439-96-5	Manganese	980		12/13/2024	2241
7440-02-0	Nickel	21		12/13/2024	2241
7440-09-7	Potassium	1000		12/13/2024	2241
7782-49-2	Selenium	0.78	J	12/13/2024	2241
7440-22-4	Silver	0.98	U	12/13/2024	2241
7440-23-5	Sodium	280	J	12/13/2024	2241
7440-28-0	Thallium	1.2	J	12/13/2024	2241
7440-62-2	Vanadium	15		12/13/2024	2241
7440-66-6	Zinc	57		12/13/2024	2241

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

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EPA SAMPLE NO.

MBHHG0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHF2
 Matrix: SOIL Lab Sample ID: P4914-09
 % Solids: 80.9 Date Received: 11/19/2024
 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	7400		12/13/2024	2245
7440-36-0	Antimony	3.1	J	12/13/2024	2245
7440-38-2	Arsenic	15		12/13/2024	2245
7440-39-3	Barium	90		12/13/2024	2245
7440-41-7	Beryllium	0.66		12/13/2024	2245
7440-43-9	Cadmium	0.74		12/13/2024	2245
7440-70-2	Calcium	13000		12/13/2024	2245
7440-47-3	Chromium	11		12/13/2024	2245
7440-48-4	Cobalt	13		12/13/2024	2245
7440-50-8	Copper	46	*	12/13/2024	2245
7439-89-6	Iron	18000		12/13/2024	2245
7439-92-1	Lead	150		12/13/2024	2245
7439-95-4	Magnesium	2800		12/13/2024	2245
7439-96-5	Manganese	1200		12/13/2024	2245
7440-02-0	Nickel	23		12/13/2024	2245
7440-09-7	Potassium	940		12/13/2024	2245
7782-49-2	Selenium	0.73	J	12/13/2024	2245
7440-22-4	Silver	0.94	U	12/13/2024	2245
7440-23-5	Sodium	210	J	12/13/2024	2245
7440-28-0	Thallium	2.4		12/13/2024	2245
7440-62-2	Vanadium	15		12/13/2024	2245
7440-66-6	Zinc	110		12/13/2024	2245

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

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MBHHG1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHF2

Matrix: SOIL Lab Sample ID: P4914-10

% Solids: 78.5 Date Received: 11/19/2024

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	6800		12/13/2024	2249
7440-36-0	Antimony	2.8	J	12/13/2024	2249
7440-38-2	Arsenic	13		12/13/2024	2249
7440-39-3	Barium	54		12/13/2024	2249
7440-41-7	Beryllium	0.61		12/13/2024	2249
7440-43-9	Cadmium	0.63		12/13/2024	2249
7440-70-2	Calcium	13000		12/13/2024	2249
7440-47-3	Chromium	9.2		12/13/2024	2249
7440-48-4	Cobalt	12		12/13/2024	2249
7440-50-8	Copper	28	*	12/13/2024	2249
7439-89-6	Iron	17000		12/13/2024	2249
7439-92-1	Lead	41		12/13/2024	2249
7439-95-4	Magnesium	3200		12/13/2024	2249
7439-96-5	Manganese	1100		12/13/2024	2249
7440-02-0	Nickel	26		12/13/2024	2249
7440-09-7	Potassium	750		12/13/2024	2249
7782-49-2	Selenium	0.77	J	12/13/2024	2249
7440-22-4	Silver	0.87	U	12/13/2024	2249
7440-23-5	Sodium	180	J	12/13/2024	2249
7440-28-0	Thallium	2.2		12/13/2024	2249
7440-62-2	Vanadium	13		12/13/2024	2249
7440-66-6	Zinc	55		12/13/2024	2249

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

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MBHHK4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHF2

Matrix: SOIL Lab Sample ID: P4914-11

% Solids: 67.2 Date Received: 11/19/2024

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	8900		12/02/2024	2049
7440-36-0	Antimony	0.99	J	12/02/2024	2049
7440-38-2	Arsenic	60		12/02/2024	2049
7440-39-3	Barium	270		12/02/2024	2049
7440-41-7	Beryllium	0.56	J	12/02/2024	2049
7440-43-9	Cadmium	1.8		12/02/2024	2049
7440-70-2	Calcium	11000		12/02/2024	2049
7440-47-3	Chromium	26		12/02/2024	2049
7440-48-4	Cobalt	12		12/02/2024	2049
7440-50-8	Copper	66	*	12/02/2024	2049
7439-89-6	Iron	21000		12/02/2024	2049
7439-92-1	Lead	760		12/02/2024	2049
7439-95-4	Magnesium	4500		12/02/2024	2049
7439-96-5	Manganese	920		12/02/2024	2049
7440-02-0	Nickel	24		12/02/2024	2049
7440-09-7	Potassium	1000		12/02/2024	2049
7782-49-2	Selenium	4.6	U	12/02/2024	2049
7440-22-4	Silver	1.3	U	12/02/2024	2049
7440-23-5	Sodium	320	J	12/02/2024	2049
7440-28-0	Thallium	3.3	U	12/02/2024	2049
7440-62-2	Vanadium	28		12/02/2024	2049
7440-66-6	Zinc	430		12/02/2024	2049

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHK5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHF2

Matrix: SOIL Lab Sample ID: P4914-14

% Solids: 72.5 Date Received: 11/19/2024

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	7900		12/13/2024	2252
7440-36-0	Antimony	4.6	J	12/13/2024	2252
7440-38-2	Arsenic	160		12/13/2024	2252
7440-39-3	Barium	330		12/13/2024	2252
7440-41-7	Beryllium	0.75		12/13/2024	2252
7440-43-9	Cadmium	1.3		12/13/2024	2252
7440-70-2	Calcium	15000		12/13/2024	2252
7440-47-3	Chromium	24		12/13/2024	2252
7440-48-4	Cobalt	14		12/13/2024	2252
7440-50-8	Copper	84	*	12/13/2024	2252
7439-89-6	Iron	21000		12/13/2024	2252
7439-92-1	Lead	1100		12/13/2024	2252
7439-95-4	Magnesium	5500		12/13/2024	2252
7439-96-5	Manganese	910		12/13/2024	2252
7440-02-0	Nickel	23		12/13/2024	2252
7440-09-7	Potassium	610		12/13/2024	2252
7782-49-2	Selenium	4.0	U	12/13/2024	2252
7440-22-4	Silver	1.2	U	12/13/2024	2252
7440-23-5	Sodium	360	J	12/13/2024	2252
7440-28-0	Thallium	1.4	J	12/13/2024	2252
7440-62-2	Vanadium	24		12/13/2024	2252
7440-66-6	Zinc	580		12/13/2024	2252

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHK6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHF2

Matrix: SOIL Lab Sample ID: P4914-15

% Solids: 74.8 Date Received: 11/19/2024

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	7000		12/13/2024	2256
7440-36-0	Antimony	4.9	J	12/13/2024	2256
7440-38-2	Arsenic	200		12/13/2024	2256
7440-39-3	Barium	500		12/13/2024	2256
7440-41-7	Beryllium	0.70		12/13/2024	2256
7440-43-9	Cadmium	1.3		12/13/2024	2256
7440-70-2	Calcium	18000		12/13/2024	2256
7440-47-3	Chromium	24		12/13/2024	2256
7440-48-4	Cobalt	11		12/13/2024	2256
7440-50-8	Copper	78	*	12/13/2024	2256
7439-89-6	Iron	21000		12/13/2024	2256
7439-92-1	Lead	1200		12/13/2024	2256
7439-95-4	Magnesium	4600		12/13/2024	2256
7439-96-5	Manganese	1000		12/13/2024	2256
7440-02-0	Nickel	19		12/13/2024	2256
7440-09-7	Potassium	450	J	12/13/2024	2256
7782-49-2	Selenium	3.9	U	12/13/2024	2256
7440-22-4	Silver	1.1	U	12/13/2024	2256
7440-23-5	Sodium	400	J	12/13/2024	2256
7440-28-0	Thallium	1.6	J	12/13/2024	2256
7440-62-2	Vanadium	19		12/13/2024	2256
7440-66-6	Zinc	500		12/13/2024	2256

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHK7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHF2

Matrix: SOIL Lab Sample ID: P4914-16

% Solids: 75.2 Date Received: 11/19/2024

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	7800		12/13/2024	2300
7440-36-0	Antimony	5.7	J	12/13/2024	2300
7440-38-2	Arsenic	110		12/13/2024	2300
7440-39-3	Barium	470		12/13/2024	2300
7440-41-7	Beryllium	0.83		12/13/2024	2300
7440-43-9	Cadmium	1.1		12/13/2024	2300
7440-70-2	Calcium	22000		12/13/2024	2300
7440-47-3	Chromium	20		12/13/2024	2300
7440-48-4	Cobalt	9.8		12/13/2024	2300
7440-50-8	Copper	80	*	12/13/2024	2300
7439-89-6	Iron	27000		12/13/2024	2300
7439-92-1	Lead	590		12/13/2024	2300
7439-95-4	Magnesium	3600		12/13/2024	2300
7439-96-5	Manganese	810		12/13/2024	2300
7440-02-0	Nickel	20		12/13/2024	2300
7440-09-7	Potassium	530	J	12/13/2024	2300
7782-49-2	Selenium	3.9	U	12/13/2024	2300
7440-22-4	Silver	1.1	U	12/13/2024	2300
7440-23-5	Sodium	460	J	12/13/2024	2300
7440-28-0	Thallium	1.2	J	12/13/2024	2300
7440-62-2	Vanadium	20		12/13/2024	2300
7440-66-6	Zinc	390		12/13/2024	2300

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHK8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHF2

Matrix: SOIL Lab Sample ID: P4914-17

% Solids: 72.5 Date Received: 11/19/2024

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	7800		12/13/2024	2304
7440-36-0	Antimony	4.7	J	12/13/2024	2304
7440-38-2	Arsenic	85		12/13/2024	2304
7440-39-3	Barium	360		12/13/2024	2304
7440-41-7	Beryllium	0.94		12/13/2024	2304
7440-43-9	Cadmium	1.3		12/13/2024	2304
7440-70-2	Calcium	13000		12/13/2024	2304
7440-47-3	Chromium	24		12/13/2024	2304
7440-48-4	Cobalt	11		12/13/2024	2304
7440-50-8	Copper	110	*	12/13/2024	2304
7439-89-6	Iron	22000		12/13/2024	2304
7439-92-1	Lead	660		12/13/2024	2304
7439-95-4	Magnesium	3000		12/13/2024	2304
7439-96-5	Manganese	1200		12/13/2024	2304
7440-02-0	Nickel	19		12/13/2024	2304
7440-09-7	Potassium	550	J	12/13/2024	2304
7782-49-2	Selenium	0.98	J	12/13/2024	2304
7440-22-4	Silver	1.2	U	12/13/2024	2304
7440-23-5	Sodium	420	J	12/13/2024	2304
7440-28-0	Thallium	1.6	J	12/13/2024	2304
7440-62-2	Vanadium	24		12/13/2024	2304
7440-66-6	Zinc	460		12/13/2024	2304

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHK9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHF2
 Matrix: SOIL Lab Sample ID: P4914-18
 % Solids: 74.5 Date Received: 11/19/2024
 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	10000		12/13/2024	2308
7440-36-0	Antimony	5.5	J	12/13/2024	2308
7440-38-2	Arsenic	71		12/13/2024	2308
7440-39-3	Barium	340		12/13/2024	2308
7440-41-7	Beryllium	0.91		12/13/2024	2308
7440-43-9	Cadmium	1.4		12/13/2024	2308
7440-70-2	Calcium	15000		12/13/2024	2308
7440-47-3	Chromium	21		12/13/2024	2308
7440-48-4	Cobalt	15		12/13/2024	2308
7440-50-8	Copper	70	*	12/13/2024	2308
7439-89-6	Iron	28000		12/13/2024	2308
7439-92-1	Lead	640		12/13/2024	2308
7439-95-4	Magnesium	3600		12/13/2024	2308
7439-96-5	Manganese	2000		12/13/2024	2308
7440-02-0	Nickel	25		12/13/2024	2308
7440-09-7	Potassium	920		12/13/2024	2308
7782-49-2	Selenium	2.2	J	12/13/2024	2308
7440-22-4	Silver	1.1	U	12/13/2024	2308
7440-23-5	Sodium	320	J	12/13/2024	2308
7440-28-0	Thallium	2.6		12/13/2024	2308
7440-62-2	Vanadium	27		12/13/2024	2308
7440-66-6	Zinc	380		12/13/2024	2308

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHL0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHF2

Matrix: SOIL Lab Sample ID: P4914-19

% Solids: 78.1 Date Received: 11/19/2024

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	8100		12/13/2024	2311
7440-36-0	Antimony	3.8	J	12/13/2024	2311
7440-38-2	Arsenic	25		12/13/2024	2311
7440-39-3	Barium	140		12/13/2024	2311
7440-41-7	Beryllium	0.62		12/13/2024	2311
7440-43-9	Cadmium	0.70		12/13/2024	2311
7440-70-2	Calcium	5400		12/13/2024	2311
7440-47-3	Chromium	11		12/13/2024	2311
7440-48-4	Cobalt	12		12/13/2024	2311
7440-50-8	Copper	24	*	12/13/2024	2311
7439-89-6	Iron	20000		12/13/2024	2311
7439-92-1	Lead	140		12/13/2024	2311
7439-95-4	Magnesium	2000		12/13/2024	2311
7439-96-5	Manganese	2200		12/13/2024	2311
7440-02-0	Nickel	16		12/13/2024	2311
7440-09-7	Potassium	510		12/13/2024	2311
7782-49-2	Selenium	2.2	J	12/13/2024	2311
7440-22-4	Silver	0.87	U	12/13/2024	2311
7440-23-5	Sodium	170	J	12/13/2024	2311
7440-28-0	Thallium	2.9		12/13/2024	2311
7440-62-2	Vanadium	20		12/13/2024	2311
7440-66-6	Zinc	88		12/13/2024	2311

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHL1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL2

Matrix: SOIL Lab Sample ID: P4914-20

% Solids: 74.5 Date Received: 11/19/2024

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		12/13/2024	2315
7440-36-0	Antimony	3.3	J	12/13/2024	2315
7440-38-2	Arsenic	25		12/13/2024	2315
7440-39-3	Barium	140		12/13/2024	2315
7440-41-7	Beryllium	0.62		12/13/2024	2315
7440-43-9	Cadmium	0.93		12/13/2024	2315
7440-70-2	Calcium	3800		12/13/2024	2315
7440-47-3	Chromium	41		12/13/2024	2315
7440-48-4	Cobalt	8.9		12/13/2024	2315
7440-50-8	Copper	45	*	12/13/2024	2315
7439-89-6	Iron	14000		12/13/2024	2315
7439-92-1	Lead	510		12/13/2024	2315
7439-95-4	Magnesium	2100		12/13/2024	2315
7439-96-5	Manganese	850		12/13/2024	2315
7440-02-0	Nickel	22		12/13/2024	2315
7440-09-7	Potassium	140	J	12/13/2024	2315
7782-49-2	Selenium	1.4	J	12/13/2024	2315
7440-22-4	Silver	0.99	U	12/13/2024	2315
7440-23-5	Sodium	220	J	12/13/2024	2315
7440-28-0	Thallium	2.5	U	12/13/2024	2315
7440-62-2	Vanadium	17		12/13/2024	2315
7440-66-6	Zinc	200		12/13/2024	2315

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHL2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL2

Matrix: SOIL Lab Sample ID: P4914-21

% Solids: 76 Date Received: 11/19/2024

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	7700		12/13/2024	2319
7440-36-0	Antimony	3.4	J	12/13/2024	2319
7440-38-2	Arsenic	23		12/13/2024	2319
7440-39-3	Barium	140		12/13/2024	2319
7440-41-7	Beryllium	0.65		12/13/2024	2319
7440-43-9	Cadmium	1.0		12/13/2024	2319
7440-70-2	Calcium	3500		12/13/2024	2319
7440-47-3	Chromium	37		12/13/2024	2319
7440-48-4	Cobalt	9.1		12/13/2024	2319
7440-50-8	Copper	43	*	12/13/2024	2319
7439-89-6	Iron	16000		12/13/2024	2319
7439-92-1	Lead	510		12/13/2024	2319
7439-95-4	Magnesium	2000		12/13/2024	2319
7439-96-5	Manganese	920		12/13/2024	2319
7440-02-0	Nickel	23		12/13/2024	2319
7440-09-7	Potassium	100	J	12/13/2024	2319
7782-49-2	Selenium	1.7	J	12/13/2024	2319
7440-22-4	Silver	0.98	U	12/13/2024	2319
7440-23-5	Sodium	210	J	12/13/2024	2319
7440-28-0	Thallium	0.88	J	12/13/2024	2319
7440-62-2	Vanadium	19		12/13/2024	2319
7440-66-6	Zinc	190		12/13/2024	2319

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHL3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHL2

Matrix: SOIL Lab Sample ID: P4914-22

% Solids: 84 Date Received: 11/19/2024

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	5400		12/13/2024	2339
7440-36-0	Antimony	2.2	J	12/13/2024	2339
7440-38-2	Arsenic	13		12/13/2024	2339
7440-39-3	Barium	180		12/13/2024	2339
7440-41-7	Beryllium	0.44	J	12/13/2024	2339
7440-43-9	Cadmium	0.93		12/13/2024	2339
7440-70-2	Calcium	4900		12/13/2024	2339
7440-47-3	Chromium	19		12/13/2024	2339
7440-48-4	Cobalt	7.6		12/13/2024	2339
7440-50-8	Copper	38	*	12/13/2024	2339
7439-89-6	Iron	11000		12/13/2024	2339
7439-92-1	Lead	490		12/13/2024	2339
7439-95-4	Magnesium	1500		12/13/2024	2339
7439-96-5	Manganese	1100		12/13/2024	2339
7440-02-0	Nickel	16		12/13/2024	2339
7440-09-7	Potassium	100	J	12/13/2024	2339
7782-49-2	Selenium	1.0	J	12/13/2024	2339
7440-22-4	Silver	0.91	U	12/13/2024	2339
7440-23-5	Sodium	210	J	12/13/2024	2339
7440-28-0	Thallium	1.6	J	12/13/2024	2339
7440-62-2	Vanadium	12		12/13/2024	2339
7440-66-6	Zinc	150		12/13/2024	2339

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

Comments: