

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHJ1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1

Matrix: SOIL Lab Sample ID: P4912-01

% Solids: 73.6 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	4000		12/04/2024	2045
7440-36-0	Antimony	5.6	U	12/04/2024	2045
7440-38-2	Arsenic	3.0		12/04/2024	2045
7440-39-3	Barium	64		12/04/2024	2045
7440-41-7	Beryllium	0.29	J	12/04/2024	2045
7440-43-9	Cadmium	0.32	J	12/04/2024	2045
7440-70-2	Calcium	17000		12/04/2024	2045
7440-47-3	Chromium	8.6		12/04/2024	2045
7440-48-4	Cobalt	4.5	J	12/04/2024	2045
7440-50-8	Copper	31	*	12/04/2024	2045
7439-89-6	Iron	10000		12/04/2024	2045
7439-92-1	Lead	93		12/04/2024	2045
7439-95-4	Magnesium	4300		12/04/2024	2045
7439-96-5	Manganese	440		12/04/2024	2045
7440-02-0	Nickel	14		12/04/2024	2045
7440-09-7	Potassium	580		12/04/2024	2045
7782-49-2	Selenium	3.3	U*	12/04/2024	2045
7440-22-4	Silver	0.94	U*	12/04/2024	2045
7440-23-5	Sodium	140	J	12/04/2024	2045
7440-28-0	Thallium	2.3	U	12/04/2024	2045
7440-62-2	Vanadium	11		12/04/2024	2045
7440-66-6	Zinc	170	*	12/04/2024	2045

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

Comments:

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MBHHJ2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1

Matrix: SOIL Lab Sample ID: P4912-02

% Solids: 78.6 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	4000		12/04/2024	2049
7440-36-0	Antimony	5.1	U	12/04/2024	2049
7440-38-2	Arsenic	2.0		12/04/2024	2049
7440-39-3	Barium	61		12/04/2024	2049
7440-41-7	Beryllium	0.27	J	12/04/2024	2049
7440-43-9	Cadmium	0.30	J	12/04/2024	2049
7440-70-2	Calcium	18000		12/04/2024	2049
7440-47-3	Chromium	7.9		12/04/2024	2049
7440-48-4	Cobalt	4.4		12/04/2024	2049
7440-50-8	Copper	24	*	12/04/2024	2049
7439-89-6	Iron	9400		12/04/2024	2049
7439-92-1	Lead	71		12/04/2024	2049
7439-95-4	Magnesium	4100		12/04/2024	2049
7439-96-5	Manganese	430		12/04/2024	2049
7440-02-0	Nickel	12		12/04/2024	2049
7440-09-7	Potassium	480		12/04/2024	2049
7782-49-2	Selenium	3.0	U*	12/04/2024	2049
7440-22-4	Silver	0.85	U*	12/04/2024	2049
7440-23-5	Sodium	140	J	12/04/2024	2049
7440-28-0	Thallium	2.1	U	12/04/2024	2049
7440-62-2	Vanadium	10		12/04/2024	2049
7440-66-6	Zinc	130	*	12/04/2024	2049

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

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MBHHJ3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1

Matrix: SOIL Lab Sample ID: P4912-03

% Solids: 77.2 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	4100		12/04/2024	2053
7440-36-0	Antimony	0.62	J	12/04/2024	2053
7440-38-2	Arsenic	9.7		12/04/2024	2053
7440-39-3	Barium	86		12/04/2024	2053
7440-41-7	Beryllium	0.32	J	12/04/2024	2053
7440-43-9	Cadmium	0.39	J	12/04/2024	2053
7440-70-2	Calcium	41000		12/04/2024	2053
7440-47-3	Chromium	8.3		12/04/2024	2053
7440-48-4	Cobalt	6.6		12/04/2024	2053
7440-50-8	Copper	22	*	12/04/2024	2053
7439-89-6	Iron	12000		12/04/2024	2053
7439-92-1	Lead	100		12/04/2024	2053
7439-95-4	Magnesium	16000		12/04/2024	2053
7439-96-5	Manganese	670		12/04/2024	2053
7440-02-0	Nickel	15		12/04/2024	2053
7440-09-7	Potassium	550		12/04/2024	2053
7782-49-2	Selenium	3.3	U*	12/04/2024	2053
7440-22-4	Silver	0.94	U*	12/04/2024	2053
7440-23-5	Sodium	200	J	12/04/2024	2053
7440-28-0	Thallium	2.4	U	12/04/2024	2053
7440-62-2	Vanadium	10		12/04/2024	2053
7440-66-6	Zinc	93	*	12/04/2024	2053

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

Comments:

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MBHHJ4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1
 Matrix: SOIL Lab Sample ID: P4912-04
 % Solids: 78.7 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	6300		12/02/2024	2010
7440-36-0	Antimony	0.84	J	12/02/2024	2010
7440-38-2	Arsenic	12		12/02/2024	2010
7440-39-3	Barium	270		12/02/2024	2010
7440-41-7	Beryllium	0.45	J	12/02/2024	2010
7440-43-9	Cadmium	2.4		12/02/2024	2010
7440-70-2	Calcium	16000		12/02/2024	2010
7440-47-3	Chromium	17		12/02/2024	2010
7440-48-4	Cobalt	8.6		12/02/2024	2010
7440-50-8	Copper	57	*	12/02/2024	2010
7439-89-6	Iron	20000		12/02/2024	2010
7439-92-1	Lead	530		12/02/2024	2010
7439-95-4	Magnesium	3300		12/02/2024	2010
7439-96-5	Manganese	1100		12/02/2024	2010
7440-02-0	Nickel	18		12/02/2024	2010
7440-09-7	Potassium	720		12/02/2024	2010
7782-49-2	Selenium	3.2	U*	12/02/2024	2010
7440-22-4	Silver	0.92	U*	12/02/2024	2010
7440-23-5	Sodium	200	J	12/02/2024	2010
7440-28-0	Thallium	2.3	U	12/02/2024	2010
7440-62-2	Vanadium	18		12/02/2024	2010
7440-66-6	Zinc	310	*	12/02/2024	2010

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

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MBHHJ5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1

Matrix: SOIL Lab Sample ID: P4912-07

% Solids: 73.8 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	8300		12/04/2024	2056
7440-36-0	Antimony	0.60	J	12/04/2024	2056
7440-38-2	Arsenic	10		12/04/2024	2056
7440-39-3	Barium	270		12/04/2024	2056
7440-41-7	Beryllium	0.68		12/04/2024	2056
7440-43-9	Cadmium	1.0		12/04/2024	2056
7440-70-2	Calcium	17000		12/04/2024	2056
7440-47-3	Chromium	17		12/04/2024	2056
7440-48-4	Cobalt	9.1		12/04/2024	2056
7440-50-8	Copper	55	*	12/04/2024	2056
7439-89-6	Iron	20000		12/04/2024	2056
7439-92-1	Lead	390		12/04/2024	2056
7439-95-4	Magnesium	2700		12/04/2024	2056
7439-96-5	Manganese	1600		12/04/2024	2056
7440-02-0	Nickel	18		12/04/2024	2056
7440-09-7	Potassium	1000		12/04/2024	2056
7782-49-2	Selenium	3.9	U*	12/04/2024	2056
7440-22-4	Silver	1.1	U*	12/04/2024	2056
7440-23-5	Sodium	200	J	12/04/2024	2056
7440-28-0	Thallium	2.8	U	12/04/2024	2056
7440-62-2	Vanadium	19		12/04/2024	2056
7440-66-6	Zinc	220	*	12/04/2024	2056

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

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MBHHJ6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1

Matrix: SOIL Lab Sample ID: P4912-08

% Solids: 75.8 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	7600		12/04/2024	2100
7440-36-0	Antimony	5.9	U	12/04/2024	2100
7440-38-2	Arsenic	7.1		12/04/2024	2100
7440-39-3	Barium	170		12/04/2024	2100
7440-41-7	Beryllium	0.63		12/04/2024	2100
7440-43-9	Cadmium	0.88		12/04/2024	2100
7440-70-2	Calcium	25000		12/04/2024	2100
7440-47-3	Chromium	13		12/04/2024	2100
7440-48-4	Cobalt	9.6		12/04/2024	2100
7440-50-8	Copper	39	*	12/04/2024	2100
7439-89-6	Iron	21000		12/04/2024	2100
7439-92-1	Lead	250		12/04/2024	2100
7439-95-4	Magnesium	5500		12/04/2024	2100
7439-96-5	Manganese	1700		12/04/2024	2100
7440-02-0	Nickel	19		12/04/2024	2100
7440-09-7	Potassium	1100		12/04/2024	2100
7782-49-2	Selenium	3.5	U*	12/04/2024	2100
7440-22-4	Silver	0.99	U*	12/04/2024	2100
7440-23-5	Sodium	210	J	12/04/2024	2100
7440-28-0	Thallium	2.5	U	12/04/2024	2100
7440-62-2	Vanadium	17		12/04/2024	2100
7440-66-6	Zinc	180	*	12/04/2024	2100

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

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MBHHJ7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1

Matrix: SOIL Lab Sample ID: P4912-09

% Solids: 83.6 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	5200		12/04/2024	2104
7440-36-0	Antimony	0.41	J	12/04/2024	2104
7440-38-2	Arsenic	3.0		12/04/2024	2104
7440-39-3	Barium	92		12/04/2024	2104
7440-41-7	Beryllium	0.45		12/04/2024	2104
7440-43-9	Cadmium	0.46		12/04/2024	2104
7440-70-2	Calcium	19000		12/04/2024	2104
7440-47-3	Chromium	7.9		12/04/2024	2104
7440-48-4	Cobalt	6.1		12/04/2024	2104
7440-50-8	Copper	20	*	12/04/2024	2104
7439-89-6	Iron	14000		12/04/2024	2104
7439-92-1	Lead	140		12/04/2024	2104
7439-95-4	Magnesium	3400		12/04/2024	2104
7439-96-5	Manganese	650		12/04/2024	2104
7440-02-0	Nickel	11		12/04/2024	2104
7440-09-7	Potassium	840		12/04/2024	2104
7782-49-2	Selenium	3.1	U*	12/04/2024	2104
7440-22-4	Silver	0.87	U*	12/04/2024	2104
7440-23-5	Sodium	200	J	12/04/2024	2104
7440-28-0	Thallium	2.2	U	12/04/2024	2104
7440-62-2	Vanadium	11		12/04/2024	2104
7440-66-6	Zinc	100	*	12/04/2024	2104

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

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MBHHJ8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1

Matrix: SOIL Lab Sample ID: P4912-10

% Solids: 76.3 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		12/04/2024	2108
7440-36-0	Antimony	0.85	J	12/04/2024	2108
7440-38-2	Arsenic	8.1		12/04/2024	2108
7440-39-3	Barium	240		12/04/2024	2108
7440-41-7	Beryllium	0.65		12/04/2024	2108
7440-43-9	Cadmium	0.84		12/04/2024	2108
7440-70-2	Calcium	31000		12/04/2024	2108
7440-47-3	Chromium	16		12/04/2024	2108
7440-48-4	Cobalt	9.2		12/04/2024	2108
7440-50-8	Copper	38	*	12/04/2024	2108
7439-89-6	Iron	20000		12/04/2024	2108
7439-92-1	Lead	190		12/04/2024	2108
7439-95-4	Magnesium	8400		12/04/2024	2108
7439-96-5	Manganese	1800		12/04/2024	2108
7440-02-0	Nickel	21		12/04/2024	2108
7440-09-7	Potassium	1400		12/04/2024	2108
7782-49-2	Selenium	3.4	U*	12/04/2024	2108
7440-22-4	Silver	0.96	U*	12/04/2024	2108
7440-23-5	Sodium	200	J	12/04/2024	2108
7440-28-0	Thallium	2.4	U	12/04/2024	2108
7440-62-2	Vanadium	17		12/04/2024	2108
7440-66-6	Zinc	480	*	12/04/2024	2108

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

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MBHHJ9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1

Matrix: SOIL Lab Sample ID: P4912-11

% 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	7300		12/04/2024	2112
7440-36-0	Antimony	0.71	J	12/04/2024	2112
7440-38-2	Arsenic	8.0		12/04/2024	2112
7440-39-3	Barium	180		12/04/2024	2112
7440-41-7	Beryllium	0.68		12/04/2024	2112
7440-43-9	Cadmium	0.66		12/04/2024	2112
7440-70-2	Calcium	32000		12/04/2024	2112
7440-47-3	Chromium	15		12/04/2024	2112
7440-48-4	Cobalt	8.4		12/04/2024	2112
7440-50-8	Copper	36	*	12/04/2024	2112
7439-89-6	Iron	19000		12/04/2024	2112
7439-92-1	Lead	190		12/04/2024	2112
7439-95-4	Magnesium	8600		12/04/2024	2112
7439-96-5	Manganese	1300		12/04/2024	2112
7440-02-0	Nickel	20		12/04/2024	2112
7440-09-7	Potassium	1300		12/04/2024	2112
7782-49-2	Selenium	3.8	U*	12/04/2024	2112
7440-22-4	Silver	1.1	U*	12/04/2024	2112
7440-23-5	Sodium	210	J	12/04/2024	2112
7440-28-0	Thallium	2.7	U	12/04/2024	2112
7440-62-2	Vanadium	18		12/04/2024	2112
7440-66-6	Zinc	420	*	12/04/2024	2112

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

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MBHHK0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1

Matrix: SOIL Lab Sample ID: P4912-12

% Solids: 78.7 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	8300		12/04/2024	2116
7440-36-0	Antimony	0.48	J	12/04/2024	2116
7440-38-2	Arsenic	11		12/04/2024	2116
7440-39-3	Barium	270		12/04/2024	2116
7440-41-7	Beryllium	0.83		12/04/2024	2116
7440-43-9	Cadmium	0.84		12/04/2024	2116
7440-70-2	Calcium	13000		12/04/2024	2116
7440-47-3	Chromium	18		12/04/2024	2116
7440-48-4	Cobalt	10		12/04/2024	2116
7440-50-8	Copper	45	*	12/04/2024	2116
7439-89-6	Iron	24000		12/04/2024	2116
7439-92-1	Lead	260		12/04/2024	2116
7439-95-4	Magnesium	3800		12/04/2024	2116
7439-96-5	Manganese	1700		12/04/2024	2116
7440-02-0	Nickel	24		12/04/2024	2116
7440-09-7	Potassium	1200		12/04/2024	2116
7782-49-2	Selenium	3.7	U*	12/04/2024	2116
7440-22-4	Silver	1.1	U*	12/04/2024	2116
7440-23-5	Sodium	250	J	12/04/2024	2116
7440-28-0	Thallium	2.7	U	12/04/2024	2116
7440-62-2	Vanadium	23		12/04/2024	2116
7440-66-6	Zinc	340	*	12/04/2024	2116

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

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MBHHK1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1

Matrix: SOIL Lab Sample ID: P4912-13

% Solids: 76.5 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	7600		12/04/2024	2120
7440-36-0	Antimony	0.58	J	12/04/2024	2120
7440-38-2	Arsenic	14		12/04/2024	2120
7440-39-3	Barium	320		12/04/2024	2120
7440-41-7	Beryllium	0.81		12/04/2024	2120
7440-43-9	Cadmium	0.71		12/04/2024	2120
7440-70-2	Calcium	11000		12/04/2024	2120
7440-47-3	Chromium	13		12/04/2024	2120
7440-48-4	Cobalt	11		12/04/2024	2120
7440-50-8	Copper	47	*	12/04/2024	2120
7439-89-6	Iron	23000		12/04/2024	2120
7439-92-1	Lead	240		12/04/2024	2120
7439-95-4	Magnesium	3000		12/04/2024	2120
7439-96-5	Manganese	2500		12/04/2024	2120
7440-02-0	Nickel	23		12/04/2024	2120
7440-09-7	Potassium	1100		12/04/2024	2120
7782-49-2	Selenium	3.7	U*	12/04/2024	2120
7440-22-4	Silver	1.1	U*	12/04/2024	2120
7440-23-5	Sodium	240	J	12/04/2024	2120
7440-28-0	Thallium	2.6	U	12/04/2024	2120
7440-62-2	Vanadium	20		12/04/2024	2120
7440-66-6	Zinc	220	*	12/04/2024	2120

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHK2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1

Matrix: SOIL Lab Sample ID: P4912-14

% Solids: 77.6 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	8000		12/10/2024	2317
7440-36-0	Antimony	5.8	U	12/10/2024	2317
7440-38-2	Arsenic	23		12/10/2024	2317
7440-39-3	Barium	300		12/10/2024	2317
7440-41-7	Beryllium	0.81		12/10/2024	2317
7440-43-9	Cadmium	0.86		12/10/2024	2317
7440-70-2	Calcium	16000		12/10/2024	2317
7440-47-3	Chromium	13		12/10/2024	2317
7440-48-4	Cobalt	16		12/10/2024	2317
7440-50-8	Copper	40	*	12/10/2024	2317
7439-89-6	Iron	28000		12/10/2024	2317
7439-92-1	Lead	150		12/10/2024	2317
7439-95-4	Magnesium	3300		12/10/2024	2317
7439-96-5	Manganese	2600		12/10/2024	2317
7440-02-0	Nickel	24		12/10/2024	2317
7440-09-7	Potassium	1100		12/10/2024	2317
7782-49-2	Selenium	3.4	U*	12/10/2024	2317
7440-22-4	Silver	0.96	U*	12/10/2024	2317
7440-23-5	Sodium	180	J	12/10/2024	2317
7440-28-0	Thallium	1.0	J	12/10/2024	2317
7440-62-2	Vanadium	22		12/10/2024	2317
7440-66-6	Zinc	130	*	12/10/2024	2317

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHK3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1

Matrix: SOIL Lab Sample ID: P4912-15

% Solids: 77.8 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	7100		12/10/2024	2321
7440-36-0	Antimony	7.0	U	12/10/2024	2321
7440-38-2	Arsenic	18		12/10/2024	2321
7440-39-3	Barium	300		12/10/2024	2321
7440-41-7	Beryllium	0.69		12/10/2024	2321
7440-43-9	Cadmium	0.71		12/10/2024	2321
7440-70-2	Calcium	19000		12/10/2024	2321
7440-47-3	Chromium	12		12/10/2024	2321
7440-48-4	Cobalt	16		12/10/2024	2321
7440-50-8	Copper	25	*	12/10/2024	2321
7439-89-6	Iron	28000		12/10/2024	2321
7439-92-1	Lead	54		12/10/2024	2321
7439-95-4	Magnesium	5100		12/10/2024	2321
7439-96-5	Manganese	3000		12/10/2024	2321
7440-02-0	Nickel	22		12/10/2024	2321
7440-09-7	Potassium	1100		12/10/2024	2321
7782-49-2	Selenium	4.1	U*	12/10/2024	2321
7440-22-4	Silver	1.2	U*	12/10/2024	2321
7440-23-5	Sodium	580	U	12/10/2024	2321
7440-28-0	Thallium	1.2	J	12/10/2024	2321
7440-62-2	Vanadium	24		12/10/2024	2321
7440-66-6	Zinc	85	*	12/10/2024	2321

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHL8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1

Matrix: SOIL Lab Sample ID: P4912-16

% Solids: 77.3 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		12/10/2024	2324
7440-36-0	Antimony	0.45	J	12/10/2024	2324
7440-38-2	Arsenic	15		12/10/2024	2324
7440-39-3	Barium	190		12/10/2024	2324
7440-41-7	Beryllium	0.74		12/10/2024	2324
7440-43-9	Cadmium	1.2		12/10/2024	2324
7440-70-2	Calcium	6500		12/10/2024	2324
7440-47-3	Chromium	17		12/10/2024	2324
7440-48-4	Cobalt	15		12/10/2024	2324
7440-50-8	Copper	47	*	12/10/2024	2324
7439-89-6	Iron	23000		12/10/2024	2324
7439-92-1	Lead	380		12/10/2024	2324
7439-95-4	Magnesium	2500		12/10/2024	2324
7439-96-5	Manganese	1200		12/10/2024	2324
7440-02-0	Nickel	25		12/10/2024	2324
7440-09-7	Potassium	990		12/10/2024	2324
7782-49-2	Selenium	0.79	J*	12/10/2024	2324
7440-22-4	Silver	0.94	U*	12/10/2024	2324
7440-23-5	Sodium	470	U	12/10/2024	2324
7440-28-0	Thallium	2.4	U	12/10/2024	2324
7440-62-2	Vanadium	21		12/10/2024	2324
7440-66-6	Zinc	280	*	12/10/2024	2324

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHL9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1

Matrix: SOIL Lab Sample ID: P4912-17

% Solids: 85.6 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	8400		12/10/2024	2328
7440-36-0	Antimony	5.8	U	12/10/2024	2328
7440-38-2	Arsenic	16		12/10/2024	2328
7440-39-3	Barium	200		12/10/2024	2328
7440-41-7	Beryllium	0.71		12/10/2024	2328
7440-43-9	Cadmium	1.3		12/10/2024	2328
7440-70-2	Calcium	9900		12/10/2024	2328
7440-47-3	Chromium	18		12/10/2024	2328
7440-48-4	Cobalt	13		12/10/2024	2328
7440-50-8	Copper	50	*	12/10/2024	2328
7439-89-6	Iron	18000		12/10/2024	2328
7439-92-1	Lead	440		12/10/2024	2328
7439-95-4	Magnesium	4300		12/10/2024	2328
7439-96-5	Manganese	1200		12/10/2024	2328
7440-02-0	Nickel	22		12/10/2024	2328
7440-09-7	Potassium	900		12/10/2024	2328
7782-49-2	Selenium	3.4	U*	12/10/2024	2328
7440-22-4	Silver	0.97	U*	12/10/2024	2328
7440-23-5	Sodium	490	U	12/10/2024	2328
7440-28-0	Thallium	2.4	U	12/10/2024	2328
7440-62-2	Vanadium	21		12/10/2024	2328
7440-66-6	Zinc	300	*	12/10/2024	2328

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHM0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1

Matrix: SOIL Lab Sample ID: P4912-18

% Solids: 87.3 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	8600		12/10/2024	2332
7440-36-0	Antimony	5.9	U	12/10/2024	2332
7440-38-2	Arsenic	23		12/10/2024	2332
7440-39-3	Barium	240		12/10/2024	2332
7440-41-7	Beryllium	0.80		12/10/2024	2332
7440-43-9	Cadmium	2.2		12/10/2024	2332
7440-70-2	Calcium	9700		12/10/2024	2332
7440-47-3	Chromium	16		12/10/2024	2332
7440-48-4	Cobalt	14		12/10/2024	2332
7440-50-8	Copper	54	*	12/10/2024	2332
7439-89-6	Iron	24000		12/10/2024	2332
7439-92-1	Lead	430		12/10/2024	2332
7439-95-4	Magnesium	2900		12/10/2024	2332
7439-96-5	Manganese	1300		12/10/2024	2332
7440-02-0	Nickel	24		12/10/2024	2332
7440-09-7	Potassium	930		12/10/2024	2332
7782-49-2	Selenium	3.4	U*	12/10/2024	2332
7440-22-4	Silver	0.98	U*	12/10/2024	2332
7440-23-5	Sodium	490	U	12/10/2024	2332
7440-28-0	Thallium	2.5	U	12/10/2024	2332
7440-62-2	Vanadium	22		12/10/2024	2332
7440-66-6	Zinc	340	*	12/10/2024	2332

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHM1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1

Matrix: SOIL Lab Sample ID: P4912-19

% Solids: 88.2 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	8600		12/10/2024	2336
7440-36-0	Antimony	5.2	U	12/10/2024	2336
7440-38-2	Arsenic	18		12/10/2024	2336
7440-39-3	Barium	150		12/10/2024	2336
7440-41-7	Beryllium	0.72		12/10/2024	2336
7440-43-9	Cadmium	1.1		12/10/2024	2336
7440-70-2	Calcium	7400		12/10/2024	2336
7440-47-3	Chromium	14		12/10/2024	2336
7440-48-4	Cobalt	13		12/10/2024	2336
7440-50-8	Copper	34	*	12/10/2024	2336
7439-89-6	Iron	20000		12/10/2024	2336
7439-92-1	Lead	220		12/10/2024	2336
7439-95-4	Magnesium	2400		12/10/2024	2336
7439-96-5	Manganese	1400		12/10/2024	2336
7440-02-0	Nickel	19		12/10/2024	2336
7440-09-7	Potassium	820		12/10/2024	2336
7782-49-2	Selenium	3.1	U*	12/10/2024	2336
7440-22-4	Silver	0.87	U*	12/10/2024	2336
7440-23-5	Sodium	440	U	12/10/2024	2336
7440-28-0	Thallium	2.2	U	12/10/2024	2336
7440-62-2	Vanadium	21		12/10/2024	2336
7440-66-6	Zinc	200	*	12/10/2024	2336

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHM2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1

Matrix: SOIL Lab Sample ID: P4912-20

% Solids: 77.9 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	6800		12/10/2024	2340
7440-36-0	Antimony	6.5	U	12/10/2024	2340
7440-38-2	Arsenic	16		12/10/2024	2340
7440-39-3	Barium	160		12/10/2024	2340
7440-41-7	Beryllium	0.59		12/10/2024	2340
7440-43-9	Cadmium	0.69		12/10/2024	2340
7440-70-2	Calcium	36000		12/10/2024	2340
7440-47-3	Chromium	14		12/10/2024	2340
7440-48-4	Cobalt	12		12/10/2024	2340
7440-50-8	Copper	38	*	12/10/2024	2340
7439-89-6	Iron	18000		12/10/2024	2340
7439-92-1	Lead	290		12/10/2024	2340
7439-95-4	Magnesium	3100		12/10/2024	2340
7439-96-5	Manganese	1400		12/10/2024	2340
7440-02-0	Nickel	15		12/10/2024	2340
7440-09-7	Potassium	820		12/10/2024	2340
7782-49-2	Selenium	3.8	U*	12/10/2024	2340
7440-22-4	Silver	1.1	U*	12/10/2024	2340
7440-23-5	Sodium	540	U	12/10/2024	2340
7440-28-0	Thallium	2.7	U	12/10/2024	2340
7440-62-2	Vanadium	17		12/10/2024	2340
7440-66-6	Zinc	180	*	12/10/2024	2340

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHM3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1
 Matrix: SOIL Lab Sample ID: P4912-21
 % Solids: 77.9 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	9600		12/10/2024	2343
7440-36-0	Antimony	6.4	U	12/10/2024	2343
7440-38-2	Arsenic	13		12/10/2024	2343
7440-39-3	Barium	130		12/10/2024	2343
7440-41-7	Beryllium	0.74		12/10/2024	2343
7440-43-9	Cadmium	0.51	J	12/10/2024	2343
7440-70-2	Calcium	4600		12/10/2024	2343
7440-47-3	Chromium	12		12/10/2024	2343
7440-48-4	Cobalt	13		12/10/2024	2343
7440-50-8	Copper	23	*	12/10/2024	2343
7439-89-6	Iron	22000		12/10/2024	2343
7439-92-1	Lead	97		12/10/2024	2343
7439-95-4	Magnesium	2300		12/10/2024	2343
7439-96-5	Manganese	1700		12/10/2024	2343
7440-02-0	Nickel	17		12/10/2024	2343
7440-09-7	Potassium	740		12/10/2024	2343
7782-49-2	Selenium	3.7	U*	12/10/2024	2343
7440-22-4	Silver	1.1	U*	12/10/2024	2343
7440-23-5	Sodium	530	U	12/10/2024	2343
7440-28-0	Thallium	2.7	U	12/10/2024	2343
7440-62-2	Vanadium	23		12/10/2024	2343
7440-66-6	Zinc	75	*	12/10/2024	2343

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHM4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHJ1

Matrix: SOIL Lab Sample ID: P4912-22

% Solids: 77.9 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	7000		12/10/2024	2347
7440-36-0	Antimony	5.5	U	12/10/2024	2347
7440-38-2	Arsenic	11		12/10/2024	2347
7440-39-3	Barium	180		12/10/2024	2347
7440-41-7	Beryllium	0.63		12/10/2024	2347
7440-43-9	Cadmium	0.96		12/10/2024	2347
7440-70-2	Calcium	35000		12/10/2024	2347
7440-47-3	Chromium	14		12/10/2024	2347
7440-48-4	Cobalt	12		12/10/2024	2347
7440-50-8	Copper	36	*	12/10/2024	2347
7439-89-6	Iron	18000		12/10/2024	2347
7439-92-1	Lead	180		12/10/2024	2347
7439-95-4	Magnesium	10000		12/10/2024	2347
7439-96-5	Manganese	1400		12/10/2024	2347
7440-02-0	Nickel	20		12/10/2024	2347
7440-09-7	Potassium	1400		12/10/2024	2347
7782-49-2	Selenium	3.2	U*	12/10/2024	2347
7440-22-4	Silver	0.92	U*	12/10/2024	2347
7440-23-5	Sodium	110	J	12/10/2024	2347
7440-28-0	Thallium	0.97	J	12/10/2024	2347
7440-62-2	Vanadium	17		12/10/2024	2347
7440-66-6	Zinc	410	*	12/10/2024	2347

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

Comments: