

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHZ4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-01

% Solids: 79.1 Date Received: 11/22/2024

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		12/12/2024	1843
7440-36-0	Antimony	5.5	U*	12/12/2024	1843
7440-38-2	Arsenic	9.8		12/12/2024	1843
7440-39-3	Barium	100		12/12/2024	1843
7440-41-7	Beryllium	0.64		12/12/2024	1843
7440-43-9	Cadmium	0.52		12/12/2024	1843
7440-70-2	Calcium	13000		12/12/2024	1843
7440-47-3	Chromium	12		12/12/2024	1843
7440-48-4	Cobalt	11	*	12/12/2024	1843
7440-50-8	Copper	18		12/12/2024	1843
7439-89-6	Iron	18000		12/12/2024	1843
7439-92-1	Lead	320		12/12/2024	1843
7439-95-4	Magnesium	4500		12/12/2024	1843
7439-96-5	Manganese	960		12/12/2024	1843
7440-02-0	Nickel	20		12/12/2024	1843
7440-09-7	Potassium	450	J	12/12/2024	1843
7782-49-2	Selenium	3.2	U*	12/12/2024	1843
7440-22-4	Silver	0.74	J	12/12/2024	1843
7440-23-5	Sodium	460	U	12/12/2024	1843
7440-28-0	Thallium	2.3	U	12/12/2024	1843
7440-62-2	Vanadium	16		12/12/2024	1843
7440-66-6	Zinc	92		12/12/2024	1843

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

Comments:

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MBHHZ5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-02

% Solids: 84.9 Date Received: 11/22/2024

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		12/12/2024	1847
7440-36-0	Antimony	5.0	U*	12/12/2024	1847
7440-38-2	Arsenic	10		12/12/2024	1847
7440-39-3	Barium	85		12/12/2024	1847
7440-41-7	Beryllium	0.60		12/12/2024	1847
7440-43-9	Cadmium	0.66		12/12/2024	1847
7440-70-2	Calcium	12000		12/12/2024	1847
7440-47-3	Chromium	11		12/12/2024	1847
7440-48-4	Cobalt	11	*	12/12/2024	1847
7440-50-8	Copper	18		12/12/2024	1847
7439-89-6	Iron	17000		12/12/2024	1847
7439-92-1	Lead	270		12/12/2024	1847
7439-95-4	Magnesium	3700		12/12/2024	1847
7439-96-5	Manganese	970		12/12/2024	1847
7440-02-0	Nickel	22		12/12/2024	1847
7440-09-7	Potassium	310	J	12/12/2024	1847
7782-49-2	Selenium	2.9	U*	12/12/2024	1847
7440-22-4	Silver	0.79	J	12/12/2024	1847
7440-23-5	Sodium	420	U	12/12/2024	1847
7440-28-0	Thallium	2.1	U	12/12/2024	1847
7440-62-2	Vanadium	16		12/12/2024	1847
7440-66-6	Zinc	120		12/12/2024	1847

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

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MBHHZ6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-03

% Solids: 85.6 Date Received: 11/22/2024

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	6500		12/12/2024	1851
7440-36-0	Antimony	5.8	U*	12/12/2024	1851
7440-38-2	Arsenic	15		12/12/2024	1851
7440-39-3	Barium	100		12/12/2024	1851
7440-41-7	Beryllium	0.59		12/12/2024	1851
7440-43-9	Cadmium	0.79		12/12/2024	1851
7440-70-2	Calcium	14000		12/12/2024	1851
7440-47-3	Chromium	10		12/12/2024	1851
7440-48-4	Cobalt	12	*	12/12/2024	1851
7440-50-8	Copper	23		12/12/2024	1851
7439-89-6	Iron	17000		12/12/2024	1851
7439-92-1	Lead	360		12/12/2024	1851
7439-95-4	Magnesium	3400		12/12/2024	1851
7439-96-5	Manganese	1200		12/12/2024	1851
7440-02-0	Nickel	21		12/12/2024	1851
7440-09-7	Potassium	320	J	12/12/2024	1851
7782-49-2	Selenium	3.4	U*	12/12/2024	1851
7440-22-4	Silver	0.84	J	12/12/2024	1851
7440-23-5	Sodium	480	U	12/12/2024	1851
7440-28-0	Thallium	1.0	J	12/12/2024	1851
7440-62-2	Vanadium	16		12/12/2024	1851
7440-66-6	Zinc	160		12/12/2024	1851

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

Comments:

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MBHHZ7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-04

% Solids: 84.6 Date Received: 11/22/2024

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		12/12/2024	1855
7440-36-0	Antimony	5.7	U*	12/12/2024	1855
7440-38-2	Arsenic	9.6		12/12/2024	1855
7440-39-3	Barium	78		12/12/2024	1855
7440-41-7	Beryllium	0.66		12/12/2024	1855
7440-43-9	Cadmium	0.53		12/12/2024	1855
7440-70-2	Calcium	13000		12/12/2024	1855
7440-47-3	Chromium	12		12/12/2024	1855
7440-48-4	Cobalt	13	*	12/12/2024	1855
7440-50-8	Copper	19		12/12/2024	1855
7439-89-6	Iron	19000		12/12/2024	1855
7439-92-1	Lead	210		12/12/2024	1855
7439-95-4	Magnesium	3500		12/12/2024	1855
7439-96-5	Manganese	880		12/12/2024	1855
7440-02-0	Nickel	22		12/12/2024	1855
7440-09-7	Potassium	300	J	12/12/2024	1855
7782-49-2	Selenium	3.3	U*	12/12/2024	1855
7440-22-4	Silver	0.82	J	12/12/2024	1855
7440-23-5	Sodium	480	U	12/12/2024	1855
7440-28-0	Thallium	2.4	U	12/12/2024	1855
7440-62-2	Vanadium	18		12/12/2024	1855
7440-66-6	Zinc	100		12/12/2024	1855

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

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MBHHZ8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-05

% Solids: 85.9 Date Received: 11/22/2024

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	7200		12/12/2024	1858
7440-36-0	Antimony	5.1	U*	12/12/2024	1858
7440-38-2	Arsenic	7.3		12/12/2024	1858
7440-39-3	Barium	63		12/12/2024	1858
7440-41-7	Beryllium	0.61		12/12/2024	1858
7440-43-9	Cadmium	0.48		12/12/2024	1858
7440-70-2	Calcium	9100		12/12/2024	1858
7440-47-3	Chromium	11		12/12/2024	1858
7440-48-4	Cobalt	11	*	12/12/2024	1858
7440-50-8	Copper	14		12/12/2024	1858
7439-89-6	Iron	17000		12/12/2024	1858
7439-92-1	Lead	160		12/12/2024	1858
7439-95-4	Magnesium	3500		12/12/2024	1858
7439-96-5	Manganese	800		12/12/2024	1858
7440-02-0	Nickel	22		12/12/2024	1858
7440-09-7	Potassium	390	J	12/12/2024	1858
7782-49-2	Selenium	3.0	U*	12/12/2024	1858
7440-22-4	Silver	0.77	J	12/12/2024	1858
7440-23-5	Sodium	430	U	12/12/2024	1858
7440-28-0	Thallium	2.1	U	12/12/2024	1858
7440-62-2	Vanadium	15		12/12/2024	1858
7440-66-6	Zinc	86		12/12/2024	1858

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

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MBHHZ9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-06

% Solids: 86.4 Date Received: 11/22/2024

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		12/12/2024	1902
7440-36-0	Antimony	5.8	U*	12/12/2024	1902
7440-38-2	Arsenic	12		12/12/2024	1902
7440-39-3	Barium	96		12/12/2024	1902
7440-41-7	Beryllium	0.58		12/12/2024	1902
7440-43-9	Cadmium	0.62		12/12/2024	1902
7440-70-2	Calcium	33000		12/12/2024	1902
7440-47-3	Chromium	8.7		12/12/2024	1902
7440-48-4	Cobalt	12	*	12/12/2024	1902
7440-50-8	Copper	19		12/12/2024	1902
7439-89-6	Iron	18000		12/12/2024	1902
7439-92-1	Lead	810		12/12/2024	1902
7439-95-4	Magnesium	4900		12/12/2024	1902
7439-96-5	Manganese	1800		12/12/2024	1902
7440-02-0	Nickel	17		12/12/2024	1902
7440-09-7	Potassium	370	J	12/12/2024	1902
7782-49-2	Selenium	3.4	U*	12/12/2024	1902
7440-22-4	Silver	1.1		12/12/2024	1902
7440-23-5	Sodium	490	U	12/12/2024	1902
7440-28-0	Thallium	1.1	J	12/12/2024	1902
7440-62-2	Vanadium	15		12/12/2024	1902
7440-66-6	Zinc	100		12/12/2024	1902

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

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MBHJ00

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-07

% Solids: 90.9 Date Received: 11/22/2024

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	5100		12/12/2024	1906
7440-36-0	Antimony	4.6	U*	12/12/2024	1906
7440-38-2	Arsenic	9.1		12/12/2024	1906
7440-39-3	Barium	54		12/12/2024	1906
7440-41-7	Beryllium	0.46		12/12/2024	1906
7440-43-9	Cadmium	0.47		12/12/2024	1906
7440-70-2	Calcium	86000	D	12/15/2024	2000
7440-47-3	Chromium	7.0		12/12/2024	1906
7440-48-4	Cobalt	9.3	*	12/12/2024	1906
7440-50-8	Copper	43		12/12/2024	1906
7439-89-6	Iron	19000		12/12/2024	1906
7439-92-1	Lead	35		12/12/2024	1906
7439-95-4	Magnesium	7400		12/12/2024	1906
7439-96-5	Manganese	1200		12/12/2024	1906
7440-02-0	Nickel	15		12/12/2024	1906
7440-09-7	Potassium	430		12/12/2024	1906
7782-49-2	Selenium	2.7	U*	12/12/2024	1906
7440-22-4	Silver	0.88		12/12/2024	1906
7440-23-5	Sodium	78	J	12/12/2024	1906
7440-28-0	Thallium	0.91	J	12/12/2024	1906
7440-62-2	Vanadium	12		12/12/2024	1906
7440-66-6	Zinc	55		12/12/2024	1906

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

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MBHJ06

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-08

% Solids: 81.4 Date Received: 11/22/2024

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		12/12/2024	1946
7440-36-0	Antimony	5.9	U*	12/12/2024	1946
7440-38-2	Arsenic	13		12/12/2024	1946
7440-39-3	Barium	95		12/12/2024	1946
7440-41-7	Beryllium	0.74		12/12/2024	1946
7440-43-9	Cadmium	0.57		12/12/2024	1946
7440-70-2	Calcium	8900		12/12/2024	1946
7440-47-3	Chromium	11		12/12/2024	1946
7440-48-4	Cobalt	11	*	12/12/2024	1946
7440-50-8	Copper	23		12/12/2024	1946
7439-89-6	Iron	17000		12/12/2024	1946
7439-92-1	Lead	140		12/12/2024	1946
7439-95-4	Magnesium	3200		12/12/2024	1946
7439-96-5	Manganese	1400		12/12/2024	1946
7440-02-0	Nickel	21		12/12/2024	1946
7440-09-7	Potassium	550		12/12/2024	1946
7782-49-2	Selenium	3.4	U*	12/12/2024	1946
7440-22-4	Silver	0.85	J	12/12/2024	1946
7440-23-5	Sodium	490	U	12/12/2024	1946
7440-28-0	Thallium	2.5	U	12/12/2024	1946
7440-62-2	Vanadium	16		12/12/2024	1946
7440-66-6	Zinc	56		12/12/2024	1946

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

Comments:

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MBHJ07

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-09

% Solids: 85.4 Date Received: 11/22/2024

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		12/12/2024	1950
7440-36-0	Antimony	5.4	U*	12/12/2024	1950
7440-38-2	Arsenic	13		12/12/2024	1950
7440-39-3	Barium	91		12/12/2024	1950
7440-41-7	Beryllium	0.71		12/12/2024	1950
7440-43-9	Cadmium	0.58		12/12/2024	1950
7440-70-2	Calcium	13000		12/12/2024	1950
7440-47-3	Chromium	11		12/12/2024	1950
7440-48-4	Cobalt	11	*	12/12/2024	1950
7440-50-8	Copper	24		12/12/2024	1950
7439-89-6	Iron	16000		12/12/2024	1950
7439-92-1	Lead	140		12/12/2024	1950
7439-95-4	Magnesium	3700		12/12/2024	1950
7439-96-5	Manganese	1400		12/12/2024	1950
7440-02-0	Nickel	21		12/12/2024	1950
7440-09-7	Potassium	350	J	12/12/2024	1950
7782-49-2	Selenium	3.2	U*	12/12/2024	1950
7440-22-4	Silver	0.87	J	12/12/2024	1950
7440-23-5	Sodium	450	U	12/12/2024	1950
7440-28-0	Thallium	0.75	J	12/12/2024	1950
7440-62-2	Vanadium	15		12/12/2024	1950
7440-66-6	Zinc	55		12/12/2024	1950

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

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MBHJ08

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-10

% Solids: 88.4 Date Received: 11/22/2024

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		12/12/2024	1954
7440-36-0	Antimony	4.8	U*	12/12/2024	1954
7440-38-2	Arsenic	11		12/12/2024	1954
7440-39-3	Barium	79		12/12/2024	1954
7440-41-7	Beryllium	0.69		12/12/2024	1954
7440-43-9	Cadmium	0.51		12/12/2024	1954
7440-70-2	Calcium	20000		12/12/2024	1954
7440-47-3	Chromium	9.6		12/12/2024	1954
7440-48-4	Cobalt	12	*	12/12/2024	1954
7440-50-8	Copper	20		12/12/2024	1954
7439-89-6	Iron	17000		12/12/2024	1954
7439-92-1	Lead	83		12/12/2024	1954
7439-95-4	Magnesium	2600		12/12/2024	1954
7439-96-5	Manganese	1500		12/12/2024	1954
7440-02-0	Nickel	20		12/12/2024	1954
7440-09-7	Potassium	250	J	12/12/2024	1954
7782-49-2	Selenium	2.8	U*	12/12/2024	1954
7440-22-4	Silver	0.91		12/12/2024	1954
7440-23-5	Sodium	82	J	12/12/2024	1954
7440-28-0	Thallium	0.80	J	12/12/2024	1954
7440-62-2	Vanadium	15		12/12/2024	1954
7440-66-6	Zinc	36		12/12/2024	1954

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

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MBHJ09

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-11

% Solids: 87.3 Date Received: 11/22/2024

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		12/12/2024	1958
7440-36-0	Antimony	5.7	U*	12/12/2024	1958
7440-38-2	Arsenic	11		12/12/2024	1958
7440-39-3	Barium	66		12/12/2024	1958
7440-41-7	Beryllium	0.68		12/12/2024	1958
7440-43-9	Cadmium	0.45	J	12/12/2024	1958
7440-70-2	Calcium	21000		12/12/2024	1958
7440-47-3	Chromium	8.9		12/12/2024	1958
7440-48-4	Cobalt	12	*	12/12/2024	1958
7440-50-8	Copper	23		12/12/2024	1958
7439-89-6	Iron	19000		12/12/2024	1958
7439-92-1	Lead	53		12/12/2024	1958
7439-95-4	Magnesium	2300		12/12/2024	1958
7439-96-5	Manganese	1600		12/12/2024	1958
7440-02-0	Nickel	17		12/12/2024	1958
7440-09-7	Potassium	280	J	12/12/2024	1958
7782-49-2	Selenium	3.3	U*	12/12/2024	1958
7440-22-4	Silver	1.0		12/12/2024	1958
7440-23-5	Sodium	480	U	12/12/2024	1958
7440-28-0	Thallium	0.85	J	12/12/2024	1958
7440-62-2	Vanadium	15		12/12/2024	1958
7440-66-6	Zinc	28		12/12/2024	1958

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ10

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-12

% Solids: 87 Date Received: 11/22/2024

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		12/12/2024	2002
7440-36-0	Antimony	6.3	U*	12/12/2024	2002
7440-38-2	Arsenic	11		12/12/2024	2002
7440-39-3	Barium	88		12/12/2024	2002
7440-41-7	Beryllium	0.63		12/12/2024	2002
7440-43-9	Cadmium	0.52		12/12/2024	2002
7440-70-2	Calcium	15000		12/12/2024	2002
7440-47-3	Chromium	9.7		12/12/2024	2002
7440-48-4	Cobalt	12	*	12/12/2024	2002
7440-50-8	Copper	21		12/12/2024	2002
7439-89-6	Iron	18000		12/12/2024	2002
7439-92-1	Lead	63		12/12/2024	2002
7439-95-4	Magnesium	2500		12/12/2024	2002
7439-96-5	Manganese	2100		12/12/2024	2002
7440-02-0	Nickel	18		12/12/2024	2002
7440-09-7	Potassium	250	J	12/12/2024	2002
7782-49-2	Selenium	3.7	U*	12/12/2024	2002
7440-22-4	Silver	1.1		12/12/2024	2002
7440-23-5	Sodium	520	U	12/12/2024	2002
7440-28-0	Thallium	1.1	J	12/12/2024	2002
7440-62-2	Vanadium	16		12/12/2024	2002
7440-66-6	Zinc	37		12/12/2024	2002

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ11

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-13

% Solids: 87.9 Date Received: 11/22/2024

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		12/12/2024	2005
7440-36-0	Antimony	5.6	U*	12/12/2024	2005
7440-38-2	Arsenic	10		12/12/2024	2005
7440-39-3	Barium	81		12/12/2024	2005
7440-41-7	Beryllium	0.60		12/12/2024	2005
7440-43-9	Cadmium	0.54		12/12/2024	2005
7440-70-2	Calcium	14000		12/12/2024	2005
7440-47-3	Chromium	9.9		12/12/2024	2005
7440-48-4	Cobalt	13	*	12/12/2024	2005
7440-50-8	Copper	21		12/12/2024	2005
7439-89-6	Iron	19000		12/12/2024	2005
7439-92-1	Lead	38		12/12/2024	2005
7439-95-4	Magnesium	2400		12/12/2024	2005
7439-96-5	Manganese	2200		12/12/2024	2005
7440-02-0	Nickel	17		12/12/2024	2005
7440-09-7	Potassium	270	J	12/12/2024	2005
7782-49-2	Selenium	0.95	J*	12/12/2024	2005
7440-22-4	Silver	1.1		12/12/2024	2005
7440-23-5	Sodium	120	J	12/12/2024	2005
7440-28-0	Thallium	0.98	J	12/12/2024	2005
7440-62-2	Vanadium	16		12/12/2024	2005
7440-66-6	Zinc	35		12/12/2024	2005

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MBHJ12

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-14

% Solids: 87.6 Date Received: 11/22/2024

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		12/12/2024	2009
7440-36-0	Antimony	5.4	U*	12/12/2024	2009
7440-38-2	Arsenic	8.3		12/12/2024	2009
7440-39-3	Barium	85		12/12/2024	2009
7440-41-7	Beryllium	0.68		12/12/2024	2009
7440-43-9	Cadmium	0.47		12/12/2024	2009
7440-70-2	Calcium	3200		12/12/2024	2009
7440-47-3	Chromium	9.1		12/12/2024	2009
7440-48-4	Cobalt	13	*	12/12/2024	2009
7440-50-8	Copper	13		12/12/2024	2009
7439-89-6	Iron	19000		12/12/2024	2009
7439-92-1	Lead	20		12/12/2024	2009
7439-95-4	Magnesium	1600		12/12/2024	2009
7439-96-5	Manganese	1900		12/12/2024	2009
7440-02-0	Nickel	14		12/12/2024	2009
7440-09-7	Potassium	100	J	12/12/2024	2009
7782-49-2	Selenium	1.3	J*	12/12/2024	2009
7440-22-4	Silver	0.89		12/12/2024	2009
7440-23-5	Sodium	450	U	12/12/2024	2009
7440-28-0	Thallium	2.2	U	12/12/2024	2009
7440-62-2	Vanadium	17		12/12/2024	2009
7440-66-6	Zinc	24		12/12/2024	2009

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

Comments:

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MBHJ13

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-15

% Solids: 90.8 Date Received: 11/22/2024

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	1200		12/11/2024	1709
7440-36-0	Antimony	5.2	U*	12/11/2024	1709
7440-38-2	Arsenic	2.6		12/11/2024	1709
7440-39-3	Barium	15	J	12/11/2024	1709
7440-41-7	Beryllium	0.16	J	12/11/2024	1709
7440-43-9	Cadmium	0.52		12/11/2024	1709
7440-70-2	Calcium	220000	D	12/13/2024	1931
7440-47-3	Chromium	4.4		12/11/2024	1709
7440-48-4	Cobalt	6.1	*	12/11/2024	1709
7440-50-8	Copper	7.8		12/11/2024	1709
7439-89-6	Iron	5700		12/11/2024	1709
7439-92-1	Lead	43		12/11/2024	1709
7439-95-4	Magnesium	49000		12/11/2024	1709
7439-96-5	Manganese	590		12/11/2024	1709
7440-02-0	Nickel	9.5		12/11/2024	1709
7440-09-7	Potassium	500		12/11/2024	1709
7782-49-2	Selenium	3.1	U*	12/11/2024	1709
7440-22-4	Silver	0.87	U	12/11/2024	1709
7440-23-5	Sodium	440	U	12/11/2024	1709
7440-28-0	Thallium	1.2	J	12/11/2024	1709
7440-62-2	Vanadium	3.6	J	12/11/2024	1709
7440-66-6	Zinc	99		12/11/2024	1709

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

Comments:

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MBHJ14

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-18

% Solids: 95.4 Date Received: 11/22/2024

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	1800		12/12/2024	2013
7440-36-0	Antimony	5.4	U*	12/12/2024	2013
7440-38-2	Arsenic	3.6		12/12/2024	2013
7440-39-3	Barium	25		12/12/2024	2013
7440-41-7	Beryllium	0.22	J	12/12/2024	2013
7440-43-9	Cadmium	0.62		12/12/2024	2013
7440-70-2	Calcium	180000	D	12/14/2024	0134
7440-47-3	Chromium	6.3		12/12/2024	2013
7440-48-4	Cobalt	6.5	*	12/12/2024	2013
7440-50-8	Copper	11		12/12/2024	2013
7439-89-6	Iron	8000		12/12/2024	2013
7439-92-1	Lead	59		12/12/2024	2013
7439-95-4	Magnesium	54000		12/12/2024	2013
7439-96-5	Manganese	730		12/12/2024	2013
7440-02-0	Nickel	12		12/12/2024	2013
7440-09-7	Potassium	440	J	12/12/2024	2013
7782-49-2	Selenium	3.2	U*	12/12/2024	2013
7440-22-4	Silver	0.48	J	12/12/2024	2013
7440-23-5	Sodium	88	J	12/12/2024	2013
7440-28-0	Thallium	1.4	J	12/12/2024	2013
7440-62-2	Vanadium	6.0		12/12/2024	2013
7440-66-6	Zinc	110		12/12/2024	2013

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

Comments:

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MBHJ15

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-19

% Solids: 95.7 Date Received: 11/22/2024

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	1700		12/12/2024	2017
7440-36-0	Antimony	4.8	U*	12/12/2024	2017
7440-38-2	Arsenic	4.5		12/12/2024	2017
7440-39-3	Barium	23		12/12/2024	2017
7440-41-7	Beryllium	0.21	J	12/12/2024	2017
7440-43-9	Cadmium	0.81		12/12/2024	2017
7440-70-2	Calcium	170000	D	12/14/2024	0138
7440-47-3	Chromium	6.2		12/12/2024	2017
7440-48-4	Cobalt	6.1	*	12/12/2024	2017
7440-50-8	Copper	11		12/12/2024	2017
7439-89-6	Iron	8400		12/12/2024	2017
7439-92-1	Lead	77		12/12/2024	2017
7439-95-4	Magnesium	73000	D	12/14/2024	0036
7439-96-5	Manganese	870		12/12/2024	2017
7440-02-0	Nickel	13		12/12/2024	2017
7440-09-7	Potassium	270	J	12/12/2024	2017
7782-49-2	Selenium	2.8	U*	12/12/2024	2017
7440-22-4	Silver	0.58	J	12/12/2024	2017
7440-23-5	Sodium	130	J	12/12/2024	2017
7440-28-0	Thallium	1.4	J	12/12/2024	2017
7440-62-2	Vanadium	5.1		12/12/2024	2017
7440-66-6	Zinc	140		12/12/2024	2017

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

Comments:

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EPA SAMPLE NO.

MBHJ16

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4
 Matrix: SOIL Lab Sample ID: P4963-20
 % Solids: 95 Date Received: 11/22/2024
 Analytical Method: ICP_AES
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	2000		12/12/2024	2021
7440-36-0	Antimony	5.3	U*	12/12/2024	2021
7440-38-2	Arsenic	9.2		12/12/2024	2021
7440-39-3	Barium	29		12/12/2024	2021
7440-41-7	Beryllium	0.24	J	12/12/2024	2021
7440-43-9	Cadmium	0.91		12/12/2024	2021
7440-70-2	Calcium	160000	D	12/14/2024	0142
7440-47-3	Chromium	8.8		12/12/2024	2021
7440-48-4	Cobalt	7.1	*	12/12/2024	2021
7440-50-8	Copper	9.9		12/12/2024	2021
7439-89-6	Iron	9000		12/12/2024	2021
7439-92-1	Lead	120		12/12/2024	2021
7439-95-4	Magnesium	80000	D	12/14/2024	0040
7439-96-5	Manganese	980		12/12/2024	2021
7440-02-0	Nickel	20		12/12/2024	2021
7440-09-7	Potassium	290	J	12/12/2024	2021
7782-49-2	Selenium	3.1	U*	12/12/2024	2021
7440-22-4	Silver	0.67	J	12/12/2024	2021
7440-23-5	Sodium	170	J	12/12/2024	2021
7440-28-0	Thallium	1.6	J	12/12/2024	2021
7440-62-2	Vanadium	7.1		12/12/2024	2021
7440-66-6	Zinc	130		12/12/2024	2021

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

Comments:

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MBHJ17

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-21

% Solids: 95.8 Date Received: 11/22/2024

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	3400		12/12/2024	2025
7440-36-0	Antimony	4.6	U*	12/12/2024	2025
7440-38-2	Arsenic	20		12/12/2024	2025
7440-39-3	Barium	36		12/12/2024	2025
7440-41-7	Beryllium	0.32	J	12/12/2024	2025
7440-43-9	Cadmium	0.68		12/12/2024	2025
7440-70-2	Calcium	130000	D	12/14/2024	0146
7440-47-3	Chromium	6.6		12/12/2024	2025
7440-48-4	Cobalt	7.1	*	12/12/2024	2025
7440-50-8	Copper	10		12/12/2024	2025
7439-89-6	Iron	9700		12/12/2024	2025
7439-92-1	Lead	120		12/12/2024	2025
7439-95-4	Magnesium	57000		12/12/2024	2025
7439-96-5	Manganese	790		12/12/2024	2025
7440-02-0	Nickel	13		12/12/2024	2025
7440-09-7	Potassium	350	J	12/12/2024	2025
7782-49-2	Selenium	2.7	U*	12/12/2024	2025
7440-22-4	Silver	0.61	J	12/12/2024	2025
7440-23-5	Sodium	120	J	12/12/2024	2025
7440-28-0	Thallium	1.1	J	12/12/2024	2025
7440-62-2	Vanadium	8.9		12/12/2024	2025
7440-66-6	Zinc	100		12/12/2024	2025

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MBHJ18

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHZ4

Matrix: SOIL Lab Sample ID: P4963-22

% Solids: 90.5 Date Received: 11/22/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	8900		12/12/2024	2029
7440-36-0	Antimony	5.0	U*	12/12/2024	2029
7440-38-2	Arsenic	15		12/12/2024	2029
7440-39-3	Barium	62		12/12/2024	2029
7440-41-7	Beryllium	0.58		12/12/2024	2029
7440-43-9	Cadmium	0.59		12/12/2024	2029
7440-70-2	Calcium	69000	D	12/14/2024	0048
7440-47-3	Chromium	11		12/12/2024	2029
7440-48-4	Cobalt	9.4	*	12/12/2024	2029
7440-50-8	Copper	10		12/12/2024	2029
7439-89-6	Iron	14000		12/12/2024	2029
7439-92-1	Lead	75		12/12/2024	2029
7439-95-4	Magnesium	20000		12/12/2024	2029
7439-96-5	Manganese	540		12/12/2024	2029
7440-02-0	Nickel	16		12/12/2024	2029
7440-09-7	Potassium	470		12/12/2024	2029
7782-49-2	Selenium	2.9	U*	12/12/2024	2029
7440-22-4	Silver	0.58	J	12/12/2024	2029
7440-23-5	Sodium	140	J	12/12/2024	2029
7440-28-0	Thallium	0.90	J	12/12/2024	2029
7440-62-2	Vanadium	18		12/12/2024	2029
7440-66-6	Zinc	92		12/12/2024	2029

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

Comments: