

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHS7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-01

% Solids: 72.2 Date Received: 11/21/2024

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	4600		12/12/2024	1716
7440-36-0	Antimony	6.9	U*	12/12/2024	1716
7440-38-2	Arsenic	8.6		12/12/2024	1716
7440-39-3	Barium	100		12/12/2024	1716
7440-41-7	Beryllium	0.45	J	12/12/2024	1716
7440-43-9	Cadmium	0.84		12/12/2024	1716
7440-70-2	Calcium	65000		12/12/2024	1716
7440-47-3	Chromium	29	*	12/12/2024	1716
7440-48-4	Cobalt	11	*	12/12/2024	1716
7440-50-8	Copper	30		12/12/2024	1716
7439-89-6	Iron	14000		12/12/2024	1716
7439-92-1	Lead	140		12/12/2024	1716
7439-95-4	Magnesium	32000		12/12/2024	1716
7439-96-5	Manganese	1300		12/12/2024	1716
7440-02-0	Nickel	16		12/12/2024	1716
7440-09-7	Potassium	1000		12/12/2024	1716
7782-49-2	Selenium	4.0	U*	12/12/2024	1716
7440-22-4	Silver	0.78	J*	12/12/2024	1716
7440-23-5	Sodium	580	U	12/12/2024	1716
7440-28-0	Thallium	2.2	J	12/12/2024	1716
7440-62-2	Vanadium	11		12/12/2024	1716
7440-66-6	Zinc	170	*	12/12/2024	1716

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

Comments:

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MBHHS8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-02

% Solids: 89 Date Received: 11/21/2024

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	2100		12/12/2024	1720
7440-36-0	Antimony	4.9	U*	12/12/2024	1720
7440-38-2	Arsenic	4.6		12/12/2024	1720
7440-39-3	Barium	40		12/12/2024	1720
7440-41-7	Beryllium	0.25	J	12/12/2024	1720
7440-43-9	Cadmium	1.0		12/12/2024	1720
7440-70-2	Calcium	130000	D	12/15/2024	1948
7440-47-3	Chromium	5.7	*	12/12/2024	1720
7440-48-4	Cobalt	7.2	*	12/12/2024	1720
7440-50-8	Copper	12		12/12/2024	1720
7439-89-6	Iron	10000		12/12/2024	1720
7439-92-1	Lead	94		12/12/2024	1720
7439-95-4	Magnesium	63000		12/12/2024	1720
7439-96-5	Manganese	1000		12/12/2024	1720
7440-02-0	Nickel	9.2		12/12/2024	1720
7440-09-7	Potassium	590		12/12/2024	1720
7782-49-2	Selenium	2.9	U*	12/12/2024	1720
7440-22-4	Silver	0.63	J*	12/12/2024	1720
7440-23-5	Sodium	85	J	12/12/2024	1720
7440-28-0	Thallium	1.5	J	12/12/2024	1720
7440-62-2	Vanadium	5.7		12/12/2024	1720
7440-66-6	Zinc	190	*	12/12/2024	1720

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

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MBHHS9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-03

% Solids: 81.7 Date Received: 11/21/2024

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	1724
7440-36-0	Antimony	5.7	U*	12/12/2024	1724
7440-38-2	Arsenic	18		12/12/2024	1724
7440-39-3	Barium	200		12/12/2024	1724
7440-41-7	Beryllium	0.62		12/12/2024	1724
7440-43-9	Cadmium	0.83		12/12/2024	1724
7440-70-2	Calcium	11000		12/12/2024	1724
7440-47-3	Chromium	11	*	12/12/2024	1724
7440-48-4	Cobalt	13	*	12/12/2024	1724
7440-50-8	Copper	40		12/12/2024	1724
7439-89-6	Iron	19000		12/12/2024	1724
7439-92-1	Lead	200		12/12/2024	1724
7439-95-4	Magnesium	3800		12/12/2024	1724
7439-96-5	Manganese	2000		12/12/2024	1724
7440-02-0	Nickel	21		12/12/2024	1724
7440-09-7	Potassium	760		12/12/2024	1724
7782-49-2	Selenium	3.3	U*	12/12/2024	1724
7440-22-4	Silver	1.2	*	12/12/2024	1724
7440-23-5	Sodium	470	U	12/12/2024	1724
7440-28-0	Thallium	1.0	J	12/12/2024	1724
7440-62-2	Vanadium	16		12/12/2024	1724
7440-66-6	Zinc	130	*	12/12/2024	1724

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

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MBHHT0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-04

% Solids: 79.9 Date Received: 11/21/2024

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	1728
7440-36-0	Antimony	6.0	U*	12/12/2024	1728
7440-38-2	Arsenic	16		12/12/2024	1728
7440-39-3	Barium	250		12/12/2024	1728
7440-41-7	Beryllium	0.54		12/12/2024	1728
7440-43-9	Cadmium	0.77		12/12/2024	1728
7440-70-2	Calcium	11000		12/12/2024	1728
7440-47-3	Chromium	11	*	12/12/2024	1728
7440-48-4	Cobalt	16	*	12/12/2024	1728
7440-50-8	Copper	30		12/12/2024	1728
7439-89-6	Iron	19000		12/12/2024	1728
7439-92-1	Lead	150		12/12/2024	1728
7439-95-4	Magnesium	4500		12/12/2024	1728
7439-96-5	Manganese	2900		12/12/2024	1728
7440-02-0	Nickel	20		12/12/2024	1728
7440-09-7	Potassium	530		12/12/2024	1728
7782-49-2	Selenium	1.1	J*	12/12/2024	1728
7440-22-4	Silver	1.2	*	12/12/2024	1728
7440-23-5	Sodium	500	U	12/12/2024	1728
7440-28-0	Thallium	1.5	J	12/12/2024	1728
7440-62-2	Vanadium	17		12/12/2024	1728
7440-66-6	Zinc	100	*	12/12/2024	1728

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

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MBHHT1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-05

% Solids: 84.8 Date Received: 11/21/2024

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	5700		12/12/2024	1731
7440-36-0	Antimony	5.8	U*	12/12/2024	1731
7440-38-2	Arsenic	13		12/12/2024	1731
7440-39-3	Barium	180		12/12/2024	1731
7440-41-7	Beryllium	0.49		12/12/2024	1731
7440-43-9	Cadmium	0.65		12/12/2024	1731
7440-70-2	Calcium	38000		12/12/2024	1731
7440-47-3	Chromium	12	*	12/12/2024	1731
7440-48-4	Cobalt	14	*	12/12/2024	1731
7440-50-8	Copper	24		12/12/2024	1731
7439-89-6	Iron	16000		12/12/2024	1731
7439-92-1	Lead	100		12/12/2024	1731
7439-95-4	Magnesium	9000		12/12/2024	1731
7439-96-5	Manganese	1800		12/12/2024	1731
7440-02-0	Nickel	19		12/12/2024	1731
7440-09-7	Potassium	460	J	12/12/2024	1731
7782-49-2	Selenium	3.4	U*	12/12/2024	1731
7440-22-4	Silver	0.81	J*	12/12/2024	1731
7440-23-5	Sodium	480	U	12/12/2024	1731
7440-28-0	Thallium	1.5	J	12/12/2024	1731
7440-62-2	Vanadium	15		12/12/2024	1731
7440-66-6	Zinc	74	*	12/12/2024	1731

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

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MBHHT2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-06

% Solids: 76.5 Date Received: 11/21/2024

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	1735
7440-36-0	Antimony	6.2	U*	12/12/2024	1735
7440-38-2	Arsenic	16		12/12/2024	1735
7440-39-3	Barium	230		12/12/2024	1735
7440-41-7	Beryllium	0.65		12/12/2024	1735
7440-43-9	Cadmium	1.0		12/12/2024	1735
7440-70-2	Calcium	15000		12/12/2024	1735
7440-47-3	Chromium	15	*	12/12/2024	1735
7440-48-4	Cobalt	13	*	12/12/2024	1735
7440-50-8	Copper	48		12/12/2024	1735
7439-89-6	Iron	18000		12/12/2024	1735
7439-92-1	Lead	380		12/12/2024	1735
7439-95-4	Magnesium	4300		12/12/2024	1735
7439-96-5	Manganese	1700		12/12/2024	1735
7440-02-0	Nickel	25		12/12/2024	1735
7440-09-7	Potassium	1000		12/12/2024	1735
7782-49-2	Selenium	3.6	U*	12/12/2024	1735
7440-22-4	Silver	1.1	*	12/12/2024	1735
7440-23-5	Sodium	520	U	12/12/2024	1735
7440-28-0	Thallium	0.87	J	12/12/2024	1735
7440-62-2	Vanadium	18		12/12/2024	1735
7440-66-6	Zinc	230	*	12/12/2024	1735

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

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MBHHT3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-07

% Solids: 79.1 Date Received: 11/21/2024

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		12/12/2024	1752
7440-36-0	Antimony	5.5	U*	12/12/2024	1752
7440-38-2	Arsenic	16		12/12/2024	1752
7440-39-3	Barium	250		12/12/2024	1752
7440-41-7	Beryllium	0.66		12/12/2024	1752
7440-43-9	Cadmium	0.96		12/12/2024	1752
7440-70-2	Calcium	11000		12/12/2024	1752
7440-47-3	Chromium	13	*	12/12/2024	1752
7440-48-4	Cobalt	13	*	12/12/2024	1752
7440-50-8	Copper	53		12/12/2024	1752
7439-89-6	Iron	20000		12/12/2024	1752
7439-92-1	Lead	330		12/12/2024	1752
7439-95-4	Magnesium	4200		12/12/2024	1752
7439-96-5	Manganese	1600		12/12/2024	1752
7440-02-0	Nickel	22		12/12/2024	1752
7440-09-7	Potassium	830		12/12/2024	1752
7782-49-2	Selenium	0.79	J*	12/12/2024	1752
7440-22-4	Silver	1.2	*	12/12/2024	1752
7440-23-5	Sodium	460	U	12/12/2024	1752
7440-28-0	Thallium	0.69	J	12/12/2024	1752
7440-62-2	Vanadium	18		12/12/2024	1752
7440-66-6	Zinc	210	*	12/12/2024	1752

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

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MBHHT4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-08

% Solids: 81.6 Date Received: 11/21/2024

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	1756
7440-36-0	Antimony	6.3	U*	12/12/2024	1756
7440-38-2	Arsenic	17		12/12/2024	1756
7440-39-3	Barium	220		12/12/2024	1756
7440-41-7	Beryllium	0.63		12/12/2024	1756
7440-43-9	Cadmium	0.98		12/12/2024	1756
7440-70-2	Calcium	12000		12/12/2024	1756
7440-47-3	Chromium	13	*	12/12/2024	1756
7440-48-4	Cobalt	13	*	12/12/2024	1756
7440-50-8	Copper	45		12/12/2024	1756
7439-89-6	Iron	18000		12/12/2024	1756
7439-92-1	Lead	340		12/12/2024	1756
7439-95-4	Magnesium	3800		12/12/2024	1756
7439-96-5	Manganese	1600		12/12/2024	1756
7440-02-0	Nickel	22		12/12/2024	1756
7440-09-7	Potassium	740		12/12/2024	1756
7782-49-2	Selenium	3.7	U*	12/12/2024	1756
7440-22-4	Silver	1.0	J*	12/12/2024	1756
7440-23-5	Sodium	530	U	12/12/2024	1756
7440-28-0	Thallium	0.98	J	12/12/2024	1756
7440-62-2	Vanadium	17		12/12/2024	1756
7440-66-6	Zinc	190	*	12/12/2024	1756

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

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MBHHT5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-09

% Solids: 85 Date Received: 11/21/2024

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		12/12/2024	1800
7440-36-0	Antimony	4.8	U*	12/12/2024	1800
7440-38-2	Arsenic	17		12/12/2024	1800
7440-39-3	Barium	190		12/12/2024	1800
7440-41-7	Beryllium	0.59		12/12/2024	1800
7440-43-9	Cadmium	0.98		12/12/2024	1800
7440-70-2	Calcium	15000		12/12/2024	1800
7440-47-3	Chromium	10	*	12/12/2024	1800
7440-48-4	Cobalt	13	*	12/12/2024	1800
7440-50-8	Copper	31		12/12/2024	1800
7439-89-6	Iron	23000		12/12/2024	1800
7439-92-1	Lead	160		12/12/2024	1800
7439-95-4	Magnesium	3800		12/12/2024	1800
7439-96-5	Manganese	1900		12/12/2024	1800
7440-02-0	Nickel	23		12/12/2024	1800
7440-09-7	Potassium	600		12/12/2024	1800
7782-49-2	Selenium	2.8	U*	12/12/2024	1800
7440-22-4	Silver	1.2	*	12/12/2024	1800
7440-23-5	Sodium	400	U	12/12/2024	1800
7440-28-0	Thallium	0.72	J	12/12/2024	1800
7440-62-2	Vanadium	17		12/12/2024	1800
7440-66-6	Zinc	120	*	12/12/2024	1800

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

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MBHWW1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-10

% Solids: 86 Date Received: 11/21/2024

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	1803
7440-36-0	Antimony	6.0	U*	12/12/2024	1803
7440-38-2	Arsenic	16		12/12/2024	1803
7440-39-3	Barium	97		12/12/2024	1803
7440-41-7	Beryllium	0.65		12/12/2024	1803
7440-43-9	Cadmium	0.55		12/12/2024	1803
7440-70-2	Calcium	14000		12/12/2024	1803
7440-47-3	Chromium	14	*	12/12/2024	1803
7440-48-4	Cobalt	9.8	*	12/12/2024	1803
7440-50-8	Copper	30		12/12/2024	1803
7439-89-6	Iron	13000		12/12/2024	1803
7439-92-1	Lead	92		12/12/2024	1803
7439-95-4	Magnesium	4000		12/12/2024	1803
7439-96-5	Manganese	1100		12/12/2024	1803
7440-02-0	Nickel	15		12/12/2024	1803
7440-09-7	Potassium	600		12/12/2024	1803
7782-49-2	Selenium	3.5	U*	12/12/2024	1803
7440-22-4	Silver	1.0	*	12/12/2024	1803
7440-23-5	Sodium	120	J	12/12/2024	1803
7440-28-0	Thallium	0.93	J	12/12/2024	1803
7440-62-2	Vanadium	13		12/12/2024	1803
7440-66-6	Zinc	99	*	12/12/2024	1803

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

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MBHHW2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-11

% Solids: 87.5 Date Received: 11/21/2024

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		12/12/2024	1807
7440-36-0	Antimony	5.2	U*	12/12/2024	1807
7440-38-2	Arsenic	14		12/12/2024	1807
7440-39-3	Barium	76		12/12/2024	1807
7440-41-7	Beryllium	0.48		12/12/2024	1807
7440-43-9	Cadmium	0.51		12/12/2024	1807
7440-70-2	Calcium	8800		12/12/2024	1807
7440-47-3	Chromium	12	*	12/12/2024	1807
7440-48-4	Cobalt	8.9	*	12/12/2024	1807
7440-50-8	Copper	27		12/12/2024	1807
7439-89-6	Iron	13000		12/12/2024	1807
7439-92-1	Lead	88		12/12/2024	1807
7439-95-4	Magnesium	3000		12/12/2024	1807
7439-96-5	Manganese	990		12/12/2024	1807
7440-02-0	Nickel	16		12/12/2024	1807
7440-09-7	Potassium	270	J	12/12/2024	1807
7782-49-2	Selenium	3.0	U*	12/12/2024	1807
7440-22-4	Silver	0.91	*	12/12/2024	1807
7440-23-5	Sodium	430	U	12/12/2024	1807
7440-28-0	Thallium	0.63	J	12/12/2024	1807
7440-62-2	Vanadium	14		12/12/2024	1807
7440-66-6	Zinc	97	*	12/12/2024	1807

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHW3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-12

% Solids: 88.5 Date Received: 11/21/2024

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	5900		12/12/2024	1811
7440-36-0	Antimony	5.4	U*	12/12/2024	1811
7440-38-2	Arsenic	11		12/12/2024	1811
7440-39-3	Barium	77		12/12/2024	1811
7440-41-7	Beryllium	0.50		12/12/2024	1811
7440-43-9	Cadmium	0.56		12/12/2024	1811
7440-70-2	Calcium	12000		12/12/2024	1811
7440-47-3	Chromium	10	*	12/12/2024	1811
7440-48-4	Cobalt	9.4	*	12/12/2024	1811
7440-50-8	Copper	23		12/12/2024	1811
7439-89-6	Iron	14000		12/12/2024	1811
7439-92-1	Lead	98		12/12/2024	1811
7439-95-4	Magnesium	3100		12/12/2024	1811
7439-96-5	Manganese	1100		12/12/2024	1811
7440-02-0	Nickel	17		12/12/2024	1811
7440-09-7	Potassium	310	J	12/12/2024	1811
7782-49-2	Selenium	3.1	U*	12/12/2024	1811
7440-22-4	Silver	0.77	J*	12/12/2024	1811
7440-23-5	Sodium	450	U	12/12/2024	1811
7440-28-0	Thallium	0.66	J	12/12/2024	1811
7440-62-2	Vanadium	14		12/12/2024	1811
7440-66-6	Zinc	110	*	12/12/2024	1811

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHW4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-13

% Solids: 89.2 Date Received: 11/21/2024

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		12/12/2024	1815
7440-36-0	Antimony	5.9	U*	12/12/2024	1815
7440-38-2	Arsenic	13		12/12/2024	1815
7440-39-3	Barium	67		12/12/2024	1815
7440-41-7	Beryllium	0.56		12/12/2024	1815
7440-43-9	Cadmium	0.46	J	12/12/2024	1815
7440-70-2	Calcium	3700		12/12/2024	1815
7440-47-3	Chromium	11	*	12/12/2024	1815
7440-48-4	Cobalt	11	*	12/12/2024	1815
7440-50-8	Copper	18		12/12/2024	1815
7439-89-6	Iron	16000		12/12/2024	1815
7439-92-1	Lead	56		12/12/2024	1815
7439-95-4	Magnesium	2000		12/12/2024	1815
7439-96-5	Manganese	1600		12/12/2024	1815
7440-02-0	Nickel	15		12/12/2024	1815
7440-09-7	Potassium	190	J	12/12/2024	1815
7782-49-2	Selenium	1.1	J*	12/12/2024	1815
7440-22-4	Silver	0.88	J*	12/12/2024	1815
7440-23-5	Sodium	490	U	12/12/2024	1815
7440-28-0	Thallium	2.5	U	12/12/2024	1815
7440-62-2	Vanadium	15		12/12/2024	1815
7440-66-6	Zinc	48	*	12/12/2024	1815

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHW5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-14

% Solids: 89.8 Date Received: 11/21/2024

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		12/12/2024	1819
7440-36-0	Antimony	5.3	U*	12/12/2024	1819
7440-38-2	Arsenic	11		12/12/2024	1819
7440-39-3	Barium	63		12/12/2024	1819
7440-41-7	Beryllium	0.49		12/12/2024	1819
7440-43-9	Cadmium	0.40	J	12/12/2024	1819
7440-70-2	Calcium	3200		12/12/2024	1819
7440-47-3	Chromium	9.9	*	12/12/2024	1819
7440-48-4	Cobalt	11	*	12/12/2024	1819
7440-50-8	Copper	15		12/12/2024	1819
7439-89-6	Iron	14000		12/12/2024	1819
7439-92-1	Lead	48		12/12/2024	1819
7439-95-4	Magnesium	1800		12/12/2024	1819
7439-96-5	Manganese	1400		12/12/2024	1819
7440-02-0	Nickel	14		12/12/2024	1819
7440-09-7	Potassium	190	J	12/12/2024	1819
7782-49-2	Selenium	3.1	U*	12/12/2024	1819
7440-22-4	Silver	0.76	J*	12/12/2024	1819
7440-23-5	Sodium	440	U	12/12/2024	1819
7440-28-0	Thallium	2.2	U	12/12/2024	1819
7440-62-2	Vanadium	13		12/12/2024	1819
7440-66-6	Zinc	46	*	12/12/2024	1819

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHX7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-15

% Solids: 86.6 Date Received: 11/21/2024

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	5900		12/12/2024	1823
7440-36-0	Antimony	5.0	U*	12/12/2024	1823
7440-38-2	Arsenic	14		12/12/2024	1823
7440-39-3	Barium	78		12/12/2024	1823
7440-41-7	Beryllium	0.48		12/12/2024	1823
7440-43-9	Cadmium	0.53		12/12/2024	1823
7440-70-2	Calcium	8700		12/12/2024	1823
7440-47-3	Chromium	12	*	12/12/2024	1823
7440-48-4	Cobalt	9.1	*	12/12/2024	1823
7440-50-8	Copper	27		12/12/2024	1823
7439-89-6	Iron	13000		12/12/2024	1823
7439-92-1	Lead	88		12/12/2024	1823
7439-95-4	Magnesium	3100		12/12/2024	1823
7439-96-5	Manganese	1000		12/12/2024	1823
7440-02-0	Nickel	16		12/12/2024	1823
7440-09-7	Potassium	330	J	12/12/2024	1823
7782-49-2	Selenium	2.9	U*	12/12/2024	1823
7440-22-4	Silver	0.97	*	12/12/2024	1823
7440-23-5	Sodium	410	U	12/12/2024	1823
7440-28-0	Thallium	0.62	J	12/12/2024	1823
7440-62-2	Vanadium	13		12/12/2024	1823
7440-66-6	Zinc	96	*	12/12/2024	1823

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHX8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-16

% Solids: 79 Date Received: 11/21/2024

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	2600		12/11/2024	1646
7440-36-0	Antimony	5.9	U*	12/11/2024	1646
7440-38-2	Arsenic	3.9		12/11/2024	1646
7440-39-3	Barium	15	J	12/11/2024	1646
7440-41-7	Beryllium	0.34	J	12/11/2024	1646
7440-43-9	Cadmium	0.38	J	12/11/2024	1646
7440-70-2	Calcium	120000	D	12/13/2024	1916
7440-47-3	Chromium	5.5	*	12/11/2024	1646
7440-48-4	Cobalt	8.1	*	12/11/2024	1646
7440-50-8	Copper	11		12/11/2024	1646
7439-89-6	Iron	9000		12/11/2024	1646
7439-92-1	Lead	39		12/11/2024	1646
7439-95-4	Magnesium	57000		12/11/2024	1646
7439-96-5	Manganese	580		12/11/2024	1646
7440-02-0	Nickel	10		12/11/2024	1646
7440-09-7	Potassium	970		12/11/2024	1646
7782-49-2	Selenium	3.5	U*	12/11/2024	1646
7440-22-4	Silver	0.094	J*	12/11/2024	1646
7440-23-5	Sodium	490	U	12/11/2024	1646
7440-28-0	Thallium	1.1	J	12/11/2024	1646
7440-62-2	Vanadium	5.8		12/11/2024	1646
7440-66-6	Zinc	78	*	12/11/2024	1646

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHX9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-19

% Solids: 88.1 Date Received: 11/21/2024

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	3700		12/12/2024	1827
7440-36-0	Antimony	5.6	U*	12/12/2024	1827
7440-38-2	Arsenic	3.6		12/12/2024	1827
7440-39-3	Barium	42		12/12/2024	1827
7440-41-7	Beryllium	0.36	J	12/12/2024	1827
7440-43-9	Cadmium	0.50		12/12/2024	1827
7440-70-2	Calcium	110000	D	12/15/2024	1952
7440-47-3	Chromium	6.5	*	12/12/2024	1827
7440-48-4	Cobalt	8.3	*	12/12/2024	1827
7440-50-8	Copper	16		12/12/2024	1827
7439-89-6	Iron	10000		12/12/2024	1827
7439-92-1	Lead	91		12/12/2024	1827
7439-95-4	Magnesium	50000		12/12/2024	1827
7439-96-5	Manganese	740		12/12/2024	1827
7440-02-0	Nickel	12		12/12/2024	1827
7440-09-7	Potassium	600		12/12/2024	1827
7782-49-2	Selenium	3.3	U*	12/12/2024	1827
7440-22-4	Silver	0.62	J*	12/12/2024	1827
7440-23-5	Sodium	470	U	12/12/2024	1827
7440-28-0	Thallium	1.7	J	12/12/2024	1827
7440-62-2	Vanadium	7.6		12/12/2024	1827
7440-66-6	Zinc	99	*	12/12/2024	1827

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHY0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-20

% Solids: 87.5 Date Received: 11/21/2024

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		12/12/2024	1831
7440-36-0	Antimony	5.5	U*	12/12/2024	1831
7440-38-2	Arsenic	5.5		12/12/2024	1831
7440-39-3	Barium	79		12/12/2024	1831
7440-41-7	Beryllium	0.47		12/12/2024	1831
7440-43-9	Cadmium	0.54		12/12/2024	1831
7440-70-2	Calcium	63000		12/12/2024	1831
7440-47-3	Chromium	9.7	*	12/12/2024	1831
7440-48-4	Cobalt	9.7	*	12/12/2024	1831
7440-50-8	Copper	24		12/12/2024	1831
7439-89-6	Iron	13000		12/12/2024	1831
7439-92-1	Lead	160		12/12/2024	1831
7439-95-4	Magnesium	21000		12/12/2024	1831
7439-96-5	Manganese	710		12/12/2024	1831
7440-02-0	Nickel	16		12/12/2024	1831
7440-09-7	Potassium	470		12/12/2024	1831
7782-49-2	Selenium	3.2	U*	12/12/2024	1831
7440-22-4	Silver	0.66	J*	12/12/2024	1831
7440-23-5	Sodium	460	U	12/12/2024	1831
7440-28-0	Thallium	0.94	J	12/12/2024	1831
7440-62-2	Vanadium	13		12/12/2024	1831
7440-66-6	Zinc	120	*	12/12/2024	1831

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHY1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-21

% Solids: 89.6 Date Received: 11/21/2024

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	4500		12/12/2024	1835
7440-36-0	Antimony	4.7	U*	12/12/2024	1835
7440-38-2	Arsenic	3.9		12/12/2024	1835
7440-39-3	Barium	41		12/12/2024	1835
7440-41-7	Beryllium	0.36	J	12/12/2024	1835
7440-43-9	Cadmium	0.44		12/12/2024	1835
7440-70-2	Calcium	70000	D	12/15/2024	1956
7440-47-3	Chromium	6.5	*	12/12/2024	1835
7440-48-4	Cobalt	8.8	*	12/12/2024	1835
7440-50-8	Copper	15		12/12/2024	1835
7439-89-6	Iron	11000		12/12/2024	1835
7439-92-1	Lead	26		12/12/2024	1835
7439-95-4	Magnesium	15000		12/12/2024	1835
7439-96-5	Manganese	770		12/12/2024	1835
7440-02-0	Nickel	13		12/12/2024	1835
7440-09-7	Potassium	420		12/12/2024	1835
7782-49-2	Selenium	2.7	U*	12/12/2024	1835
7440-22-4	Silver	0.53	J*	12/12/2024	1835
7440-23-5	Sodium	92	J	12/12/2024	1835
7440-28-0	Thallium	0.95	J	12/12/2024	1835
7440-62-2	Vanadium	10		12/12/2024	1835
7440-66-6	Zinc	63	*	12/12/2024	1835

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHY2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS7

Matrix: SOIL Lab Sample ID: P4940-22

% Solids: 89.5 Date Received: 11/21/2024

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		12/12/2024	1839
7440-36-0	Antimony	5.5	U*	12/12/2024	1839
7440-38-2	Arsenic	4.0		12/12/2024	1839
7440-39-3	Barium	39		12/12/2024	1839
7440-41-7	Beryllium	0.44	J	12/12/2024	1839
7440-43-9	Cadmium	0.35	J	12/12/2024	1839
7440-70-2	Calcium	42000		12/12/2024	1839
7440-47-3	Chromium	7.5	*	12/12/2024	1839
7440-48-4	Cobalt	9.1	*	12/12/2024	1839
7440-50-8	Copper	13		12/12/2024	1839
7439-89-6	Iron	12000		12/12/2024	1839
7439-92-1	Lead	20		12/12/2024	1839
7439-95-4	Magnesium	10000		12/12/2024	1839
7439-96-5	Manganese	770		12/12/2024	1839
7440-02-0	Nickel	14		12/12/2024	1839
7440-09-7	Potassium	440	J	12/12/2024	1839
7782-49-2	Selenium	3.2	U*	12/12/2024	1839
7440-22-4	Silver	0.47	J*	12/12/2024	1839
7440-23-5	Sodium	450	U	12/12/2024	1839
7440-28-0	Thallium	1.2	J	12/12/2024	1839
7440-62-2	Vanadium	12		12/12/2024	1839
7440-66-6	Zinc	50	*	12/12/2024	1839

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

Comments: