

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCS8

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-01

% Solids: 89.3 Date Received: 10/23/2024

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	9200		10/31/2024	0724
7440-36-0	Antimony	0.97	J*	10/31/2024	0724
7440-38-2	Arsenic	0.89	U*	10/31/2024	0724
7440-39-3	Barium	44		10/31/2024	0724
7440-41-7	Beryllium	0.50		10/31/2024	0724
7440-43-9	Cadmium	1.7	*	10/31/2024	0724
7440-70-2	Calcium	88000	D	10/31/2024	1739
7440-47-3	Chromium	540		10/31/2024	0724
7440-48-4	Cobalt	70		10/31/2024	0724
7440-50-8	Copper	33		10/31/2024	0724
7439-89-6	Iron	35000		10/31/2024	0724
7439-92-1	Lead	15	*	10/31/2024	0724
7439-95-4	Magnesium	110000	D	10/31/2024	1739
7439-96-5	Manganese	680		10/31/2024	0724
7440-02-0	Nickel	1200	D*	11/04/2024	1924
7440-09-7	Potassium	760		10/31/2024	0724
7782-49-2	Selenium	3.1	U*	10/31/2024	0724
7440-22-4	Silver	0.89	U*	10/31/2024	0724
7440-23-5	Sodium	410	J	10/31/2024	0724
7440-28-0	Thallium	2.2	U*	10/31/2024	0724
7440-62-2	Vanadium	60		10/31/2024	0724
7440-66-6	Zinc	79	*	10/31/2024	0724

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

Comments:

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MBHCS9

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-02

% Solids: 90 Date Received: 10/23/2024

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		10/31/2024	0728
7440-36-0	Antimony	0.76	J*	10/31/2024	0728
7440-38-2	Arsenic	1.0	U*	10/31/2024	0728
7440-39-3	Barium	31		10/31/2024	0728
7440-41-7	Beryllium	0.46	J	10/31/2024	0728
7440-43-9	Cadmium	1.7	*	10/31/2024	0728
7440-70-2	Calcium	36000		10/31/2024	0728
7440-47-3	Chromium	880		10/31/2024	0728
7440-48-4	Cobalt	98		10/31/2024	0728
7440-50-8	Copper	28		10/31/2024	0728
7439-89-6	Iron	43000		10/31/2024	0728
7439-92-1	Lead	12	*	10/31/2024	0728
7439-95-4	Magnesium	160000	D	10/31/2024	1743
7439-96-5	Manganese	810		10/31/2024	0728
7440-02-0	Nickel	1600	D*	11/04/2024	1928
7440-09-7	Potassium	530		10/31/2024	0728
7782-49-2	Selenium	3.6	U*	10/31/2024	0728
7440-22-4	Silver	1.0	U*	10/31/2024	0728
7440-23-5	Sodium	400	J	10/31/2024	0728
7440-28-0	Thallium	2.6	U*	10/31/2024	0728
7440-62-2	Vanadium	52		10/31/2024	0728
7440-66-6	Zinc	60	*	10/31/2024	0728

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

Comments:

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MBHCT0

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-03

% Solids: 90 Date Received: 10/23/2024

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		10/31/2024	0732
7440-36-0	Antimony	1.1	J*	10/31/2024	0732
7440-38-2	Arsenic	0.85	U*	10/31/2024	0732
7440-39-3	Barium	21		10/31/2024	0732
7440-41-7	Beryllium	0.41	J	10/31/2024	0732
7440-43-9	Cadmium	1.6	*	10/31/2024	0732
7440-70-2	Calcium	61000		10/31/2024	0732
7440-47-3	Chromium	950		10/31/2024	0732
7440-48-4	Cobalt	69		10/31/2024	0732
7440-50-8	Copper	16		10/31/2024	0732
7439-89-6	Iron	37000		10/31/2024	0732
7439-92-1	Lead	8.5	*	10/31/2024	0732
7439-95-4	Magnesium	140000	D	10/31/2024	1752
7439-96-5	Manganese	550		10/31/2024	0732
7440-02-0	Nickel	1200	D*	10/31/2024	1752
7440-09-7	Potassium	400	J	10/31/2024	0732
7782-49-2	Selenium	3.0	U*	10/31/2024	0732
7440-22-4	Silver	0.85	U*	10/31/2024	0732
7440-23-5	Sodium	430		10/31/2024	0732
7440-28-0	Thallium	2.1	U*	10/31/2024	0732
7440-62-2	Vanadium	51		10/31/2024	0732
7440-66-6	Zinc	41	*	10/31/2024	0732

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

Comments:

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MBHCT1

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-04

% Solids: 86.7 Date Received: 10/23/2024

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	9500		10/31/2024	0737
7440-36-0	Antimony	0.69	J*	10/31/2024	0737
7440-38-2	Arsenic	0.88	U*	10/31/2024	0737
7440-39-3	Barium	40		10/31/2024	0737
7440-41-7	Beryllium	0.53		10/31/2024	0737
7440-43-9	Cadmium	1.5	*	10/31/2024	0737
7440-70-2	Calcium	140000	D	10/31/2024	1757
7440-47-3	Chromium	430		10/31/2024	0737
7440-48-4	Cobalt	36		10/31/2024	0737
7440-50-8	Copper	21		10/31/2024	0737
7439-89-6	Iron	30000		10/31/2024	0737
7439-92-1	Lead	20	*	10/31/2024	0737
7439-95-4	Magnesium	56000		10/31/2024	0737
7439-96-5	Manganese	420		10/31/2024	0737
7440-02-0	Nickel	610	D*	10/31/2024	1757
7440-09-7	Potassium	930		10/31/2024	0737
7782-49-2	Selenium	3.1	U*	10/31/2024	0737
7440-22-4	Silver	0.88	U*	10/31/2024	0737
7440-23-5	Sodium	870		10/31/2024	0737
7440-28-0	Thallium	2.2	U*	10/31/2024	0737
7440-62-2	Vanadium	72		10/31/2024	0737
7440-66-6	Zinc	45	*	10/31/2024	0737

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

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MBHCT2

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-05

% Solids: 83.5 Date Received: 10/23/2024

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	13000		10/31/2024	0741
7440-36-0	Antimony	0.84	J*	10/31/2024	0741
7440-38-2	Arsenic	0.97	U*	10/31/2024	0741
7440-39-3	Barium	62		10/31/2024	0741
7440-41-7	Beryllium	0.73		10/31/2024	0741
7440-43-9	Cadmium	1.6	*	10/31/2024	0741
7440-70-2	Calcium	100000	D	10/31/2024	1801
7440-47-3	Chromium	340		10/31/2024	0741
7440-48-4	Cobalt	37		10/31/2024	0741
7440-50-8	Copper	35		10/31/2024	0741
7439-89-6	Iron	36000		10/31/2024	0741
7439-92-1	Lead	15	*	10/31/2024	0741
7439-95-4	Magnesium	34000		10/31/2024	0741
7439-96-5	Manganese	490		10/31/2024	0741
7440-02-0	Nickel	430	*	10/31/2024	0741
7440-09-7	Potassium	1100		10/31/2024	0741
7782-49-2	Selenium	3.4	U*	10/31/2024	0741
7440-22-4	Silver	0.97	U*	10/31/2024	0741
7440-23-5	Sodium	1400		10/31/2024	0741
7440-28-0	Thallium	2.4	U*	10/31/2024	0741
7440-62-2	Vanadium	99		10/31/2024	0741
7440-66-6	Zinc	57	*	10/31/2024	0741

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

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MBHCT3

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-06

% Solids: 81.6 Date Received: 10/23/2024

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	14000		10/31/2024	0746
7440-36-0	Antimony	0.79	J*	10/31/2024	0746
7440-38-2	Arsenic	0.95	U*	10/31/2024	0746
7440-39-3	Barium	61		10/31/2024	0746
7440-41-7	Beryllium	0.81		10/31/2024	0746
7440-43-9	Cadmium	1.6	*	10/31/2024	0746
7440-70-2	Calcium	51000		10/31/2024	0746
7440-47-3	Chromium	350		10/31/2024	0746
7440-48-4	Cobalt	37		10/31/2024	0746
7440-50-8	Copper	38		10/31/2024	0746
7439-89-6	Iron	40000		10/31/2024	0746
7439-92-1	Lead	9.7	*	10/31/2024	0746
7439-95-4	Magnesium	31000		10/31/2024	0746
7439-96-5	Manganese	440		10/31/2024	0746
7440-02-0	Nickel	450	*	10/31/2024	0746
7440-09-7	Potassium	940		10/31/2024	0746
7782-49-2	Selenium	3.3	U*	10/31/2024	0746
7440-22-4	Silver	0.95	U*	10/31/2024	0746
7440-23-5	Sodium	1500		10/31/2024	0746
7440-28-0	Thallium	2.4	U*	10/31/2024	0746
7440-62-2	Vanadium	110		10/31/2024	0746
7440-66-6	Zinc	58	*	10/31/2024	0746

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

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MBHCT4

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-07

% Solids: 81.2 Date Received: 10/23/2024

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	15000		10/31/2024	0750
7440-36-0	Antimony	0.66	J*	10/31/2024	0750
7440-38-2	Arsenic	0.95	U*	10/31/2024	0750
7440-39-3	Barium	91		10/31/2024	0750
7440-41-7	Beryllium	0.79		10/31/2024	0750
7440-43-9	Cadmium	1.6	*	10/31/2024	0750
7440-70-2	Calcium	71000		10/31/2024	0750
7440-47-3	Chromium	360		10/31/2024	0750
7440-48-4	Cobalt	45		10/31/2024	0750
7440-50-8	Copper	43		10/31/2024	0750
7439-89-6	Iron	38000		10/31/2024	0750
7439-92-1	Lead	26	*	10/31/2024	0750
7439-95-4	Magnesium	38000		10/31/2024	0750
7439-96-5	Manganese	620		10/31/2024	0750
7440-02-0	Nickel	560	D*	10/31/2024	1810
7440-09-7	Potassium	1400		10/31/2024	0750
7782-49-2	Selenium	3.3	U*	10/31/2024	0750
7440-22-4	Silver	0.95	U*	10/31/2024	0750
7440-23-5	Sodium	1500		10/31/2024	0750
7440-28-0	Thallium	2.4	U*	10/31/2024	0750
7440-62-2	Vanadium	81		10/31/2024	0750
7440-66-6	Zinc	120	*	10/31/2024	0750

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

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MBHCT5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8
 Matrix: SOIL Lab Sample ID: P4501-08
 % Solids: 82.2 Date Received: 10/23/2024
 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	7500		10/31/2024	0754
7440-36-0	Antimony	6.4	U*	10/31/2024	0754
7440-38-2	Arsenic	1.1	U*	10/31/2024	0754
7440-39-3	Barium	28		10/31/2024	0754
7440-41-7	Beryllium	0.40	J	10/31/2024	0754
7440-43-9	Cadmium	1.6	*	10/31/2024	0754
7440-70-2	Calcium	250000	D	10/31/2024	1814
7440-47-3	Chromium	870		10/31/2024	0754
7440-48-4	Cobalt	16		10/31/2024	0754
7440-50-8	Copper	41		10/31/2024	0754
7439-89-6	Iron	19000		10/31/2024	0754
7439-92-1	Lead	45	*	10/31/2024	0754
7439-95-4	Magnesium	16000		10/31/2024	0754
7439-96-5	Manganese	290		10/31/2024	0754
7440-02-0	Nickel	200	*	10/31/2024	0754
7440-09-7	Potassium	950		10/31/2024	0754
7782-49-2	Selenium	3.7	U*	10/31/2024	0754
7440-22-4	Silver	1.8	*	10/31/2024	0754
7440-23-5	Sodium	520	J	10/31/2024	0754
7440-28-0	Thallium	2.6	U*	10/31/2024	0754
7440-62-2	Vanadium	140		10/31/2024	0754
7440-66-6	Zinc	130	*	10/31/2024	0754

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

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MBHCT6

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-09

% Solids: 79.6 Date Received: 10/23/2024

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	9900		10/31/2024	0759
7440-36-0	Antimony	5.7	U*	10/31/2024	0759
7440-38-2	Arsenic	0.60	J*	10/31/2024	0759
7440-39-3	Barium	57		10/31/2024	0759
7440-41-7	Beryllium	0.45	J	10/31/2024	0759
7440-43-9	Cadmium	1.1	*	10/31/2024	0759
7440-70-2	Calcium	270000	D	10/31/2024	1824
7440-47-3	Chromium	97		10/31/2024	0759
7440-48-4	Cobalt	13		10/31/2024	0759
7440-50-8	Copper	19		10/31/2024	0759
7439-89-6	Iron	18000		10/31/2024	0759
7439-92-1	Lead	2.9	*	10/31/2024	0759
7439-95-4	Magnesium	16000		10/31/2024	0759
7439-96-5	Manganese	420		10/31/2024	0759
7440-02-0	Nickel	95	*	10/31/2024	0759
7440-09-7	Potassium	930		10/31/2024	0759
7782-49-2	Selenium	3.3	U*	10/31/2024	0759
7440-22-4	Silver	2.3	*	10/31/2024	0759
7440-23-5	Sodium	380	J	10/31/2024	0759
7440-28-0	Thallium	2.4	U*	10/31/2024	0759
7440-62-2	Vanadium	130		10/31/2024	0759
7440-66-6	Zinc	30	*	10/31/2024	0759

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

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MBHCT7

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-10

% Solids: 80.4 Date Received: 10/23/2024

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	13000		10/31/2024	0803
7440-36-0	Antimony	0.49	J*	10/31/2024	0803
7440-38-2	Arsenic	1.0	U*	10/31/2024	0803
7440-39-3	Barium	45		10/31/2024	0803
7440-41-7	Beryllium	0.62		10/31/2024	0803
7440-43-9	Cadmium	1.3	*	10/31/2024	0803
7440-70-2	Calcium	130000	D	10/31/2024	1829
7440-47-3	Chromium	180		10/31/2024	0803
7440-48-4	Cobalt	19		10/31/2024	0803
7440-50-8	Copper	20		10/31/2024	0803
7439-89-6	Iron	31000		10/31/2024	0803
7439-92-1	Lead	6.0	*	10/31/2024	0803
7439-95-4	Magnesium	24000		10/31/2024	0803
7439-96-5	Manganese	390		10/31/2024	0803
7440-02-0	Nickel	140	*	10/31/2024	0803
7440-09-7	Potassium	990		10/31/2024	0803
7782-49-2	Selenium	3.6	U*	10/31/2024	0803
7440-22-4	Silver	1.0	U*	10/31/2024	0803
7440-23-5	Sodium	470	J	10/31/2024	0803
7440-28-0	Thallium	2.6	U*	10/31/2024	0803
7440-62-2	Vanadium	120		10/31/2024	0803
7440-66-6	Zinc	46	*	10/31/2024	0803

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

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MBHCT8

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-11

% Solids: 86 Date Received: 10/23/2024

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	12000		10/31/2024	0808
7440-36-0	Antimony	0.79	J*	10/31/2024	0808
7440-38-2	Arsenic	2.2	*	10/31/2024	0808
7440-39-3	Barium	160		10/31/2024	0808
7440-41-7	Beryllium	0.73		10/31/2024	0808
7440-43-9	Cadmium	1.4	*	10/31/2024	0808
7440-70-2	Calcium	120000	D	10/31/2024	1833
7440-47-3	Chromium	170		10/31/2024	0808
7440-48-4	Cobalt	28		10/31/2024	0808
7440-50-8	Copper	45		10/31/2024	0808
7439-89-6	Iron	29000		10/31/2024	0808
7439-92-1	Lead	24	*	10/31/2024	0808
7439-95-4	Magnesium	24000		10/31/2024	0808
7439-96-5	Manganese	470		10/31/2024	0808
7440-02-0	Nickel	280	*	10/31/2024	0808
7440-09-7	Potassium	2100		10/31/2024	0808
7782-49-2	Selenium	3.5	U*	10/31/2024	0808
7440-22-4	Silver	1.0	U*	10/31/2024	0808
7440-23-5	Sodium	590		10/31/2024	0808
7440-28-0	Thallium	2.5	U*	10/31/2024	0808
7440-62-2	Vanadium	82		10/31/2024	0808
7440-66-6	Zinc	100	*	10/31/2024	0808

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCT9

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-12

% Solids: 81.3 Date Received: 10/23/2024

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	13000		10/31/2024	0812
7440-36-0	Antimony	0.91	J*	10/31/2024	0812
7440-38-2	Arsenic	0.88	U*	10/31/2024	0812
7440-39-3	Barium	62		10/31/2024	0812
7440-41-7	Beryllium	0.84		10/31/2024	0812
7440-43-9	Cadmium	1.7	*	10/31/2024	0812
7440-70-2	Calcium	91000	D	10/31/2024	1838
7440-47-3	Chromium	160		10/31/2024	0812
7440-48-4	Cobalt	28		10/31/2024	0812
7440-50-8	Copper	42		10/31/2024	0812
7439-89-6	Iron	36000		10/31/2024	0812
7439-92-1	Lead	17	*	10/31/2024	0812
7439-95-4	Magnesium	19000		10/31/2024	0812
7439-96-5	Manganese	470		10/31/2024	0812
7440-02-0	Nickel	210	*	10/31/2024	0812
7440-09-7	Potassium	1900		10/31/2024	0812
7782-49-2	Selenium	3.1	U*	10/31/2024	0812
7440-22-4	Silver	0.88	U*	10/31/2024	0812
7440-23-5	Sodium	570		10/31/2024	0812
7440-28-0	Thallium	2.2	U*	10/31/2024	0812
7440-62-2	Vanadium	100		10/31/2024	0812
7440-66-6	Zinc	140	*	10/31/2024	0812

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCW0

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-13

% Solids: 81.4 Date Received: 10/23/2024

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	13000		10/31/2024	0817
7440-36-0	Antimony	0.43	J*	10/31/2024	0817
7440-38-2	Arsenic	0.91	U*	10/31/2024	0817
7440-39-3	Barium	57		10/31/2024	0817
7440-41-7	Beryllium	0.77		10/31/2024	0817
7440-43-9	Cadmium	1.6	*	10/31/2024	0817
7440-70-2	Calcium	100000	D	10/31/2024	1842
7440-47-3	Chromium	170		10/31/2024	0817
7440-48-4	Cobalt	28		10/31/2024	0817
7440-50-8	Copper	36		10/31/2024	0817
7439-89-6	Iron	34000		10/31/2024	0817
7439-92-1	Lead	14	*	10/31/2024	0817
7439-95-4	Magnesium	18000		10/31/2024	0817
7439-96-5	Manganese	420		10/31/2024	0817
7440-02-0	Nickel	220	*	10/31/2024	0817
7440-09-7	Potassium	1700		10/31/2024	0817
7782-49-2	Selenium	3.2	U*	10/31/2024	0817
7440-22-4	Silver	0.91	U*	10/31/2024	0817
7440-23-5	Sodium	610		10/31/2024	0817
7440-28-0	Thallium	2.3	U*	10/31/2024	0817
7440-62-2	Vanadium	94		10/31/2024	0817
7440-66-6	Zinc	130	*	10/31/2024	0817

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCW1

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-16

% Solids: 79.7 Date Received: 10/23/2024

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	12000		10/31/2024	0843
7440-36-0	Antimony	0.75	J*	10/31/2024	0843
7440-38-2	Arsenic	0.91	U*	10/31/2024	0843
7440-39-3	Barium	46		10/31/2024	0843
7440-41-7	Beryllium	0.74		10/31/2024	0843
7440-43-9	Cadmium	1.7	*	10/31/2024	0843
7440-70-2	Calcium	85000	D	10/31/2024	1859
7440-47-3	Chromium	200		10/31/2024	0843
7440-48-4	Cobalt	34		10/31/2024	0843
7440-50-8	Copper	37		10/31/2024	0843
7439-89-6	Iron	37000		10/31/2024	0843
7439-92-1	Lead	10	*	10/31/2024	0843
7439-95-4	Magnesium	25000		10/31/2024	0843
7439-96-5	Manganese	490		10/31/2024	0843
7440-02-0	Nickel	330	*	10/31/2024	0843
7440-09-7	Potassium	1400		10/31/2024	0843
7782-49-2	Selenium	3.2	U*	10/31/2024	0843
7440-22-4	Silver	0.91	U*	10/31/2024	0843
7440-23-5	Sodium	670		10/31/2024	0843
7440-28-0	Thallium	2.3	U*	10/31/2024	0843
7440-62-2	Vanadium	91		10/31/2024	0843
7440-66-6	Zinc	68	*	10/31/2024	0843

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCW2

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-17

% Solids: 78.6 Date Received: 10/23/2024

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	20000		10/31/2024	0847
7440-36-0	Antimony	1.0	J*	10/31/2024	0847
7440-38-2	Arsenic	0.92	U*	10/31/2024	0847
7440-39-3	Barium	150		10/31/2024	0847
7440-41-7	Beryllium	0.99		10/31/2024	0847
7440-43-9	Cadmium	1.9	*	10/31/2024	0847
7440-70-2	Calcium	22000		10/31/2024	0847
7440-47-3	Chromium	410		10/31/2024	0847
7440-48-4	Cobalt	58		10/31/2024	0847
7440-50-8	Copper	48		10/31/2024	0847
7439-89-6	Iron	46000		10/31/2024	0847
7439-92-1	Lead	12	*	10/31/2024	0847
7439-95-4	Magnesium	42000		10/31/2024	0847
7439-96-5	Manganese	890		10/31/2024	0847
7440-02-0	Nickel	680	D*	10/31/2024	1904
7440-09-7	Potassium	1700		10/31/2024	0847
7782-49-2	Selenium	3.2	U*	10/31/2024	0847
7440-22-4	Silver	0.92	U*	10/31/2024	0847
7440-23-5	Sodium	1000		10/31/2024	0847
7440-28-0	Thallium	2.3	U*	10/31/2024	0847
7440-62-2	Vanadium	100		10/31/2024	0847
7440-66-6	Zinc	69	*	10/31/2024	0847

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCW3

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-18

% Solids: 76.4 Date Received: 10/23/2024

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	19000		10/31/2024	0852
7440-36-0	Antimony	1.1	J*	10/31/2024	0852
7440-38-2	Arsenic	0.95	U*	10/31/2024	0852
7440-39-3	Barium	110		10/31/2024	0852
7440-41-7	Beryllium	0.98		10/31/2024	0852
7440-43-9	Cadmium	1.9	*	10/31/2024	0852
7440-70-2	Calcium	32000		10/31/2024	0852
7440-47-3	Chromium	390		10/31/2024	0852
7440-48-4	Cobalt	54		10/31/2024	0852
7440-50-8	Copper	46		10/31/2024	0852
7439-89-6	Iron	45000		10/31/2024	0852
7439-92-1	Lead	10	*	10/31/2024	0852
7439-95-4	Magnesium	39000		10/31/2024	0852
7439-96-5	Manganese	830		10/31/2024	0852
7440-02-0	Nickel	630	D*	10/31/2024	1908
7440-09-7	Potassium	1100		10/31/2024	0852
7782-49-2	Selenium	3.3	U*	10/31/2024	0852
7440-22-4	Silver	0.95	U*	10/31/2024	0852
7440-23-5	Sodium	870		10/31/2024	0852
7440-28-0	Thallium	2.4	U*	10/31/2024	0852
7440-62-2	Vanadium	100		10/31/2024	0852
7440-66-6	Zinc	53	*	10/31/2024	0852

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCW4

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-19

% Solids: 75.5 Date Received: 10/23/2024

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	23000		10/31/2024	0856
7440-36-0	Antimony	1.5	J*	10/31/2024	0856
7440-38-2	Arsenic	1.0	U*	10/31/2024	0856
7440-39-3	Barium	140		10/31/2024	0856
7440-41-7	Beryllium	1.2		10/31/2024	0856
7440-43-9	Cadmium	2.1	*	10/31/2024	0856
7440-70-2	Calcium	21000		10/31/2024	0856
7440-47-3	Chromium	480		10/31/2024	0856
7440-48-4	Cobalt	65		10/31/2024	0856
7440-50-8	Copper	53		10/31/2024	0856
7439-89-6	Iron	53000		10/31/2024	0856
7439-92-1	Lead	12	*	10/31/2024	0856
7439-95-4	Magnesium	45000		10/31/2024	0856
7439-96-5	Manganese	960		10/31/2024	0856
7440-02-0	Nickel	740	D*	10/31/2024	1921
7440-09-7	Potassium	1300		10/31/2024	0856
7782-49-2	Selenium	3.7	U*	10/31/2024	0856
7440-22-4	Silver	1.0	U*	10/31/2024	0856
7440-23-5	Sodium	890		10/31/2024	0856
7440-28-0	Thallium	2.6	U*	10/31/2024	0856
7440-62-2	Vanadium	120		10/31/2024	0856
7440-66-6	Zinc	62	*	10/31/2024	0856

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCW5

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-20

% Solids: 78.5 Date Received: 10/23/2024

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	19000		10/31/2024	0900
7440-36-0	Antimony	1.1	J*	10/31/2024	0900
7440-38-2	Arsenic	0.91	U*	10/31/2024	0900
7440-39-3	Barium	150		10/31/2024	0900
7440-41-7	Beryllium	1.0		10/31/2024	0900
7440-43-9	Cadmium	1.8	*	10/31/2024	0900
7440-70-2	Calcium	19000		10/31/2024	0900
7440-47-3	Chromium	470		10/31/2024	0900
7440-48-4	Cobalt	56		10/31/2024	0900
7440-50-8	Copper	46		10/31/2024	0900
7439-89-6	Iron	45000		10/31/2024	0900
7439-92-1	Lead	12	*	10/31/2024	0900
7439-95-4	Magnesium	43000		10/31/2024	0900
7439-96-5	Manganese	720		10/31/2024	0900
7440-02-0	Nickel	680	D*	10/31/2024	1926
7440-09-7	Potassium	1500		10/31/2024	0900
7782-49-2	Selenium	3.2	U*	10/31/2024	0900
7440-22-4	Silver	0.91	U*	10/31/2024	0900
7440-23-5	Sodium	1100		10/31/2024	0900
7440-28-0	Thallium	2.3	U*	10/31/2024	0900
7440-62-2	Vanadium	100		10/31/2024	0900
7440-66-6	Zinc	62	*	10/31/2024	0900

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCW6

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-21

% Solids: 73.5 Date Received: 10/23/2024

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		10/31/2024	0905
7440-36-0	Antimony	0.97	J*	10/31/2024	0905
7440-38-2	Arsenic	2.8	*	10/31/2024	0905
7440-39-3	Barium	43		10/31/2024	0905
7440-41-7	Beryllium	0.48		10/31/2024	0905
7440-43-9	Cadmium	1.2	*	10/31/2024	0905
7440-70-2	Calcium	210000	D	10/31/2024	1930
7440-47-3	Chromium	83		10/31/2024	0905
7440-48-4	Cobalt	14		10/31/2024	0905
7440-50-8	Copper	19		10/31/2024	0905
7439-89-6	Iron	21000		10/31/2024	0905
7439-92-1	Lead	19	*	10/31/2024	0905
7439-95-4	Magnesium	11000		10/31/2024	0905
7439-96-5	Manganese	460		10/31/2024	0905
7440-02-0	Nickel	120	*	10/31/2024	0905
7440-09-7	Potassium	1300		10/31/2024	0905
7782-49-2	Selenium	3.3	U*	10/31/2024	0905
7440-22-4	Silver	0.96	*	10/31/2024	0905
7440-23-5	Sodium	340	J	10/31/2024	0905
7440-28-0	Thallium	2.4	U*	10/31/2024	0905
7440-62-2	Vanadium	67		10/31/2024	0905
7440-66-6	Zinc	97	*	10/31/2024	0905

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCW7

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCS8

Matrix: SOIL Lab Sample ID: P4501-22

% Solids: 80.8 Date Received: 10/23/2024

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	11000		10/31/2024	0909
7440-36-0	Antimony	5.6	U*	10/31/2024	0909
7440-38-2	Arsenic	0.93	U*	10/31/2024	0909
7440-39-3	Barium	57		10/31/2024	0909
7440-41-7	Beryllium	0.54		10/31/2024	0909
7440-43-9	Cadmium	1.2	*	10/31/2024	0909
7440-70-2	Calcium	140000	D	10/31/2024	1935
7440-47-3	Chromium	130		10/31/2024	0909
7440-48-4	Cobalt	14		10/31/2024	0909
7440-50-8	Copper	19		10/31/2024	0909
7439-89-6	Iron	26000		10/31/2024	0909
7439-92-1	Lead	20	*	10/31/2024	0909
7439-95-4	Magnesium	18000		10/31/2024	0909
7439-96-5	Manganese	390		10/31/2024	0909
7440-02-0	Nickel	100	*	10/31/2024	0909
7440-09-7	Potassium	900		10/31/2024	0909
7782-49-2	Selenium	3.3	U*	10/31/2024	0909
7440-22-4	Silver	0.93	U*	10/31/2024	0909
7440-23-5	Sodium	440	J	10/31/2024	0909
7440-28-0	Thallium	2.3	U*	10/31/2024	0909
7440-62-2	Vanadium	81		10/31/2024	0909
7440-66-6	Zinc	98	*	10/31/2024	0909

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

Comments: