

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHH98

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-13

% Solids: 74.6 Date Received: 11/16/2024

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		11/21/2024	1610
7440-36-0	Antimony	0.53	J	11/21/2024	1610
7440-38-2	Arsenic	5.1		11/21/2024	1610
7440-39-3	Barium	130		11/21/2024	1610
7440-41-7	Beryllium	0.34	J	11/21/2024	1610
7440-43-9	Cadmium	0.77		11/21/2024	1610
7440-70-2	Calcium	10000		11/21/2024	1610
7440-47-3	Chromium	9.8		11/21/2024	1610
7440-48-4	Cobalt	4.6	J	11/21/2024	1610
7440-50-8	Copper	21		11/21/2024	1610
7439-89-6	Iron	12000		11/21/2024	1610
7439-92-1	Lead	110		11/21/2024	1610
7439-95-4	Magnesium	2000		11/21/2024	1610
7439-96-5	Manganese	510		11/21/2024	1610
7440-02-0	Nickel	12		11/21/2024	1610
7440-09-7	Potassium	610		11/21/2024	1610
7782-49-2	Selenium	3.5	U	11/21/2024	1610
7440-22-4	Silver	1.0	U*	11/21/2024	1610
7440-23-5	Sodium	500	U	11/21/2024	1610
7440-28-0	Thallium	2.5	U	11/21/2024	1610
7440-62-2	Vanadium	16		11/21/2024	1610
7440-66-6	Zinc	89	*	11/21/2024	1610

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

Comments:

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MBHH99

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-14

% Solids: 80.6 Date Received: 11/16/2024

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		11/21/2024	1614
7440-36-0	Antimony	0.67	J	11/21/2024	1614
7440-38-2	Arsenic	9.9		11/21/2024	1614
7440-39-3	Barium	140		11/21/2024	1614
7440-41-7	Beryllium	0.39	J	11/21/2024	1614
7440-43-9	Cadmium	1.1		11/21/2024	1614
7440-70-2	Calcium	12000		11/21/2024	1614
7440-47-3	Chromium	11		11/21/2024	1614
7440-48-4	Cobalt	8.3		11/21/2024	1614
7440-50-8	Copper	28		11/21/2024	1614
7439-89-6	Iron	17000		11/21/2024	1614
7439-92-1	Lead	150		11/21/2024	1614
7439-95-4	Magnesium	3200		11/21/2024	1614
7439-96-5	Manganese	1000		11/21/2024	1614
7440-02-0	Nickel	15		11/21/2024	1614
7440-09-7	Potassium	840		11/21/2024	1614
7782-49-2	Selenium	3.3	U	11/21/2024	1614
7440-22-4	Silver	0.95	U*	11/21/2024	1614
7440-23-5	Sodium	100	J	11/21/2024	1614
7440-28-0	Thallium	2.4	U	11/21/2024	1614
7440-62-2	Vanadium	18		11/21/2024	1614
7440-66-6	Zinc	99	*	11/21/2024	1614

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

Comments:

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MBHHA0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-15

% Solids: 84.4 Date Received: 11/16/2024

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		11/21/2024	1619
7440-36-0	Antimony	1.0	J	11/21/2024	1619
7440-38-2	Arsenic	7.8		11/21/2024	1619
7440-39-3	Barium	180		11/21/2024	1619
7440-41-7	Beryllium	0.40	J	11/21/2024	1619
7440-43-9	Cadmium	1.1		11/21/2024	1619
7440-70-2	Calcium	18000		11/21/2024	1619
7440-47-3	Chromium	11		11/21/2024	1619
7440-48-4	Cobalt	6.8		11/21/2024	1619
7440-50-8	Copper	55		11/21/2024	1619
7439-89-6	Iron	15000		11/21/2024	1619
7439-92-1	Lead	270		11/21/2024	1619
7439-95-4	Magnesium	4000		11/21/2024	1619
7439-96-5	Manganese	840		11/21/2024	1619
7440-02-0	Nickel	15		11/21/2024	1619
7440-09-7	Potassium	730		11/21/2024	1619
7782-49-2	Selenium	3.5	U	11/21/2024	1619
7440-22-4	Silver	1.0	U*	11/21/2024	1619
7440-23-5	Sodium	500	U	11/21/2024	1619
7440-28-0	Thallium	2.5	U	11/21/2024	1619
7440-62-2	Vanadium	17		11/21/2024	1619
7440-66-6	Zinc	160	*	11/21/2024	1619

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

Comments:

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MBHHA1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-16

% Solids: 83.5 Date Received: 11/16/2024

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		11/21/2024	1623
7440-36-0	Antimony	0.43	J	11/21/2024	1623
7440-38-2	Arsenic	9.6		11/21/2024	1623
7440-39-3	Barium	140		11/21/2024	1623
7440-41-7	Beryllium	0.40	J	11/21/2024	1623
7440-43-9	Cadmium	1.1		11/21/2024	1623
7440-70-2	Calcium	13000		11/21/2024	1623
7440-47-3	Chromium	10		11/21/2024	1623
7440-48-4	Cobalt	8.6		11/21/2024	1623
7440-50-8	Copper	28		11/21/2024	1623
7439-89-6	Iron	17000		11/21/2024	1623
7439-92-1	Lead	130		11/21/2024	1623
7439-95-4	Magnesium	3200		11/21/2024	1623
7439-96-5	Manganese	1000		11/21/2024	1623
7440-02-0	Nickel	15		11/21/2024	1623
7440-09-7	Potassium	800		11/21/2024	1623
7782-49-2	Selenium	2.9	U	11/21/2024	1623
7440-22-4	Silver	0.83	U*	11/21/2024	1623
7440-23-5	Sodium	110	J	11/21/2024	1623
7440-28-0	Thallium	2.1	U	11/21/2024	1623
7440-62-2	Vanadium	17		11/21/2024	1623
7440-66-6	Zinc	97	*	11/21/2024	1623

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

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MBHHA2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-17

% Solids: 86.6 Date Received: 11/16/2024

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	5600		11/21/2024	1627
7440-36-0	Antimony	0.50	J	11/21/2024	1627
7440-38-2	Arsenic	8.3		11/21/2024	1627
7440-39-3	Barium	70		11/21/2024	1627
7440-41-7	Beryllium	0.31	J	11/21/2024	1627
7440-43-9	Cadmium	0.88		11/21/2024	1627
7440-70-2	Calcium	32000		11/21/2024	1627
7440-47-3	Chromium	8.6		11/21/2024	1627
7440-48-4	Cobalt	7.5		11/21/2024	1627
7440-50-8	Copper	18		11/21/2024	1627
7439-89-6	Iron	17000		11/21/2024	1627
7439-92-1	Lead	39		11/21/2024	1627
7439-95-4	Magnesium	6800		11/21/2024	1627
7439-96-5	Manganese	830		11/21/2024	1627
7440-02-0	Nickel	15		11/21/2024	1627
7440-09-7	Potassium	600		11/21/2024	1627
7782-49-2	Selenium	3.0	U	11/21/2024	1627
7440-22-4	Silver	0.86	U*	11/21/2024	1627
7440-23-5	Sodium	100	J	11/21/2024	1627
7440-28-0	Thallium	2.2	U	11/21/2024	1627
7440-62-2	Vanadium	16		11/21/2024	1627
7440-66-6	Zinc	53	*	11/21/2024	1627

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

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MBHHA3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-18

% Solids: 85.5 Date Received: 11/16/2024

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	4800		11/21/2024	1632
7440-36-0	Antimony	5.0	U	11/21/2024	1632
7440-38-2	Arsenic	6.1		11/21/2024	1632
7440-39-3	Barium	47		11/21/2024	1632
7440-41-7	Beryllium	0.28	J	11/21/2024	1632
7440-43-9	Cadmium	0.73		11/21/2024	1632
7440-70-2	Calcium	120000	D	12/03/2024	0657
7440-47-3	Chromium	6.9		11/21/2024	1632
7440-48-4	Cobalt	5.8		11/21/2024	1632
7440-50-8	Copper	20		11/21/2024	1632
7439-89-6	Iron	13000		11/21/2024	1632
7439-92-1	Lead	29		11/21/2024	1632
7439-95-4	Magnesium	13000		11/21/2024	1632
7439-96-5	Manganese	790		11/21/2024	1632
7440-02-0	Nickel	12		11/21/2024	1632
7440-09-7	Potassium	870		11/21/2024	1632
7782-49-2	Selenium	2.9	U	11/21/2024	1632
7440-22-4	Silver	0.083	J*	11/21/2024	1632
7440-23-5	Sodium	140	J	11/21/2024	1632
7440-28-0	Thallium	2.1	U	11/21/2024	1632
7440-62-2	Vanadium	13		11/21/2024	1632
7440-66-6	Zinc	41	*	11/21/2024	1632

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

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MBHHA4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-19

% Solids: 90 Date Received: 11/16/2024

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	5600		11/21/2024	1636
7440-36-0	Antimony	6.2	U	11/21/2024	1636
7440-38-2	Arsenic	6.4		11/21/2024	1636
7440-39-3	Barium	53		11/21/2024	1636
7440-41-7	Beryllium	0.32	J	11/21/2024	1636
7440-43-9	Cadmium	0.65		11/21/2024	1636
7440-70-2	Calcium	98000	D	12/03/2024	0701
7440-47-3	Chromium	7.8		11/21/2024	1636
7440-48-4	Cobalt	6.7		11/21/2024	1636
7440-50-8	Copper	23		11/21/2024	1636
7439-89-6	Iron	14000		11/21/2024	1636
7439-92-1	Lead	23		11/21/2024	1636
7439-95-4	Magnesium	25000		11/21/2024	1636
7439-96-5	Manganese	700		11/21/2024	1636
7440-02-0	Nickel	14		11/21/2024	1636
7440-09-7	Potassium	1100		11/21/2024	1636
7782-49-2	Selenium	3.6	U	11/21/2024	1636
7440-22-4	Silver	1.0	U*	11/21/2024	1636
7440-23-5	Sodium	140	J	11/21/2024	1636
7440-28-0	Thallium	2.6	U	11/21/2024	1636
7440-62-2	Vanadium	13		11/21/2024	1636
7440-66-6	Zinc	48	*	11/21/2024	1636

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

Comments:

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MBHHB2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-01

% Solids: 79.4 Date Received: 11/16/2024

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	6900		11/21/2024	1517
7440-36-0	Antimony	0.71	J	11/21/2024	1517
7440-38-2	Arsenic	7.3		11/21/2024	1517
7440-39-3	Barium	130		11/21/2024	1517
7440-41-7	Beryllium	0.39	J	11/21/2024	1517
7440-43-9	Cadmium	0.88		11/21/2024	1517
7440-70-2	Calcium	18000		11/21/2024	1517
7440-47-3	Chromium	15		11/21/2024	1517
7440-48-4	Cobalt	6.1		11/21/2024	1517
7440-50-8	Copper	40		11/21/2024	1517
7439-89-6	Iron	14000		11/21/2024	1517
7439-92-1	Lead	130		11/21/2024	1517
7439-95-4	Magnesium	4500		11/21/2024	1517
7439-96-5	Manganese	660		11/21/2024	1517
7440-02-0	Nickel	16		11/21/2024	1517
7440-09-7	Potassium	850		11/21/2024	1517
7782-49-2	Selenium	3.6	U	11/21/2024	1517
7440-22-4	Silver	1.0	U*	11/21/2024	1517
7440-23-5	Sodium	520	U	11/21/2024	1517
7440-28-0	Thallium	2.6	U	11/21/2024	1517
7440-62-2	Vanadium	18		11/21/2024	1517
7440-66-6	Zinc	150	*	11/21/2024	1517

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

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MBHHB3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-02

% Solids: 74 Date Received: 11/16/2024

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		11/21/2024	1521
7440-36-0	Antimony	0.80	J	11/21/2024	1521
7440-38-2	Arsenic	6.3		11/21/2024	1521
7440-39-3	Barium	140		11/21/2024	1521
7440-41-7	Beryllium	0.43	J	11/21/2024	1521
7440-43-9	Cadmium	0.95		11/21/2024	1521
7440-70-2	Calcium	21000		11/21/2024	1521
7440-47-3	Chromium	17		11/21/2024	1521
7440-48-4	Cobalt	6.7		11/21/2024	1521
7440-50-8	Copper	58		11/21/2024	1521
7439-89-6	Iron	16000		11/21/2024	1521
7439-92-1	Lead	120		11/21/2024	1521
7439-95-4	Magnesium	4700		11/21/2024	1521
7439-96-5	Manganese	660		11/21/2024	1521
7440-02-0	Nickel	17		11/21/2024	1521
7440-09-7	Potassium	970		11/21/2024	1521
7782-49-2	Selenium	3.9	U	11/21/2024	1521
7440-22-4	Silver	1.1	U*	11/21/2024	1521
7440-23-5	Sodium	560	U	11/21/2024	1521
7440-28-0	Thallium	2.8	U	11/21/2024	1521
7440-62-2	Vanadium	21		11/21/2024	1521
7440-66-6	Zinc	170	*	11/21/2024	1521

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

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MBHHB4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-05

% Solids: 81.5 Date Received: 11/16/2024

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		11/21/2024	1539
7440-36-0	Antimony	1.0	J	11/21/2024	1539
7440-38-2	Arsenic	7.1		11/21/2024	1539
7440-39-3	Barium	160		11/21/2024	1539
7440-41-7	Beryllium	0.43	J	11/21/2024	1539
7440-43-9	Cadmium	1.6		11/21/2024	1539
7440-70-2	Calcium	29000		11/21/2024	1539
7440-47-3	Chromium	14		11/21/2024	1539
7440-48-4	Cobalt	7.6		11/21/2024	1539
7440-50-8	Copper	49		11/21/2024	1539
7439-89-6	Iron	31000		11/21/2024	1539
7439-92-1	Lead	170		11/21/2024	1539
7439-95-4	Magnesium	6200		11/21/2024	1539
7439-96-5	Manganese	740		11/21/2024	1539
7440-02-0	Nickel	17		11/21/2024	1539
7440-09-7	Potassium	820		11/21/2024	1539
7782-49-2	Selenium	3.6	U	11/21/2024	1539
7440-22-4	Silver	1.0	U*	11/21/2024	1539
7440-23-5	Sodium	220	J	11/21/2024	1539
7440-28-0	Thallium	2.6	U	11/21/2024	1539
7440-62-2	Vanadium	21		11/21/2024	1539
7440-66-6	Zinc	200	*	11/21/2024	1539

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

Comments:

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MBHHB5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-06

% Solids: 89.4 Date Received: 11/16/2024

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		11/21/2024	1543
7440-36-0	Antimony	0.71	J	11/21/2024	1543
7440-38-2	Arsenic	8.0		11/21/2024	1543
7440-39-3	Barium	130		11/21/2024	1543
7440-41-7	Beryllium	0.40	J	11/21/2024	1543
7440-43-9	Cadmium	1.0		11/21/2024	1543
7440-70-2	Calcium	23000		11/21/2024	1543
7440-47-3	Chromium	13		11/21/2024	1543
7440-48-4	Cobalt	7.1		11/21/2024	1543
7440-50-8	Copper	30		11/21/2024	1543
7439-89-6	Iron	16000		11/21/2024	1543
7439-92-1	Lead	130		11/21/2024	1543
7439-95-4	Magnesium	5700		11/21/2024	1543
7439-96-5	Manganese	680		11/21/2024	1543
7440-02-0	Nickel	16		11/21/2024	1543
7440-09-7	Potassium	860		11/21/2024	1543
7782-49-2	Selenium	2.9	U	11/21/2024	1543
7440-22-4	Silver	0.84	U*	11/21/2024	1543
7440-23-5	Sodium	130	J	11/21/2024	1543
7440-28-0	Thallium	2.1	U	11/21/2024	1543
7440-62-2	Vanadium	19		11/21/2024	1543
7440-66-6	Zinc	160	*	11/21/2024	1543

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHB6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-20

% Solids: 76.7 Date Received: 11/16/2024

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		11/21/2024	1641
7440-36-0	Antimony	5.7	U	11/21/2024	1641
7440-38-2	Arsenic	12		11/21/2024	1641
7440-39-3	Barium	150		11/21/2024	1641
7440-41-7	Beryllium	0.54		11/21/2024	1641
7440-43-9	Cadmium	1.4		11/21/2024	1641
7440-70-2	Calcium	5000		11/21/2024	1641
7440-47-3	Chromium	12		11/21/2024	1641
7440-48-4	Cobalt	10		11/21/2024	1641
7440-50-8	Copper	43		11/21/2024	1641
7439-89-6	Iron	21000		11/21/2024	1641
7439-92-1	Lead	480		11/21/2024	1641
7439-95-4	Magnesium	1700		11/21/2024	1641
7439-96-5	Manganese	1600		11/21/2024	1641
7440-02-0	Nickel	22		11/21/2024	1641
7440-09-7	Potassium	1100		11/21/2024	1641
7782-49-2	Selenium	3.3	U	11/21/2024	1641
7440-22-4	Silver	0.95	U*	11/21/2024	1641
7440-23-5	Sodium	110	J	11/21/2024	1641
7440-28-0	Thallium	2.4	U	11/21/2024	1641
7440-62-2	Vanadium	20		11/21/2024	1641
7440-66-6	Zinc	160	*	11/21/2024	1641

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHB7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-21

% Solids: 80.6 Date Received: 11/16/2024

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		11/21/2024	1654
7440-36-0	Antimony	0.46	J	11/21/2024	1654
7440-38-2	Arsenic	13		11/21/2024	1654
7440-39-3	Barium	160		11/21/2024	1654
7440-41-7	Beryllium	0.56		11/21/2024	1654
7440-43-9	Cadmium	1.4		11/21/2024	1654
7440-70-2	Calcium	4500		11/21/2024	1654
7440-47-3	Chromium	12		11/21/2024	1654
7440-48-4	Cobalt	9.7		11/21/2024	1654
7440-50-8	Copper	43		11/21/2024	1654
7439-89-6	Iron	20000		11/21/2024	1654
7439-92-1	Lead	230		11/21/2024	1654
7439-95-4	Magnesium	1600		11/21/2024	1654
7439-96-5	Manganese	1600		11/21/2024	1654
7440-02-0	Nickel	20		11/21/2024	1654
7440-09-7	Potassium	1200		11/21/2024	1654
7782-49-2	Selenium	3.5	U	11/21/2024	1654
7440-22-4	Silver	0.99	U*	11/21/2024	1654
7440-23-5	Sodium	110	J	11/21/2024	1654
7440-28-0	Thallium	2.5	U	11/21/2024	1654
7440-62-2	Vanadium	21		11/21/2024	1654
7440-66-6	Zinc	160	*	11/21/2024	1654

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHB8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-22

% Solids: 82.2 Date Received: 11/16/2024

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		11/21/2024	1659
7440-36-0	Antimony	6.5	U	11/21/2024	1659
7440-38-2	Arsenic	14		11/21/2024	1659
7440-39-3	Barium	160		11/21/2024	1659
7440-41-7	Beryllium	0.53	J	11/21/2024	1659
7440-43-9	Cadmium	1.5		11/21/2024	1659
7440-70-2	Calcium	6000		11/21/2024	1659
7440-47-3	Chromium	11		11/21/2024	1659
7440-48-4	Cobalt	10		11/21/2024	1659
7440-50-8	Copper	36		11/21/2024	1659
7439-89-6	Iron	25000		11/21/2024	1659
7439-92-1	Lead	210		11/21/2024	1659
7439-95-4	Magnesium	1700		11/21/2024	1659
7439-96-5	Manganese	1800		11/21/2024	1659
7440-02-0	Nickel	20		11/21/2024	1659
7440-09-7	Potassium	1100		11/21/2024	1659
7782-49-2	Selenium	3.8	U	11/21/2024	1659
7440-22-4	Silver	1.1	U*	11/21/2024	1659
7440-23-5	Sodium	170	J	11/21/2024	1659
7440-28-0	Thallium	2.7	U	11/21/2024	1659
7440-62-2	Vanadium	21		11/21/2024	1659
7440-66-6	Zinc	130	*	11/21/2024	1659

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHD8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-07

% Solids: 81.4 Date Received: 11/16/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7700		11/21/2024	1548
7440-36-0	Antimony	0.79	J	11/21/2024	1548
7440-38-2	Arsenic	10		11/21/2024	1548
7440-39-3	Barium	180		11/21/2024	1548
7440-41-7	Beryllium	0.45	J	11/21/2024	1548
7440-43-9	Cadmium	1.3		11/21/2024	1548
7440-70-2	Calcium	35000		11/21/2024	1548
7440-47-3	Chromium	16		11/21/2024	1548
7440-48-4	Cobalt	7.7		11/21/2024	1548
7440-50-8	Copper	54		11/21/2024	1548
7439-89-6	Iron	18000		11/21/2024	1548
7439-92-1	Lead	190		11/21/2024	1548
7439-95-4	Magnesium	7000		11/21/2024	1548
7439-96-5	Manganese	850		11/21/2024	1548
7440-02-0	Nickel	19		11/21/2024	1548
7440-09-7	Potassium	920		11/21/2024	1548
7782-49-2	Selenium	3.7	U	11/21/2024	1548
7440-22-4	Silver	1.1	U*	11/21/2024	1548
7440-23-5	Sodium	130	J	11/21/2024	1548
7440-28-0	Thallium	2.7	U	11/21/2024	1548
7440-62-2	Vanadium	22		11/21/2024	1548
7440-66-6	Zinc	210	*	11/21/2024	1548

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHD9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-08

% Solids: 70.3 Date Received: 11/16/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7800		11/21/2024	1552
7440-36-0	Antimony	0.71	J	11/21/2024	1552
7440-38-2	Arsenic	9.4		11/21/2024	1552
7440-39-3	Barium	170		11/21/2024	1552
7440-41-7	Beryllium	0.50	J	11/21/2024	1552
7440-43-9	Cadmium	1.2		11/21/2024	1552
7440-70-2	Calcium	20000		11/21/2024	1552
7440-47-3	Chromium	15		11/21/2024	1552
7440-48-4	Cobalt	7.4		11/21/2024	1552
7440-50-8	Copper	45		11/21/2024	1552
7439-89-6	Iron	15000		11/21/2024	1552
7439-92-1	Lead	180		11/21/2024	1552
7439-95-4	Magnesium	5400		11/21/2024	1552
7439-96-5	Manganese	780		11/21/2024	1552
7440-02-0	Nickel	20		11/21/2024	1552
7440-09-7	Potassium	1200		11/21/2024	1552
7782-49-2	Selenium	4.1	U	11/21/2024	1552
7440-22-4	Silver	1.2	U*	11/21/2024	1552
7440-23-5	Sodium	580	U	11/21/2024	1552
7440-28-0	Thallium	2.9	U	11/21/2024	1552
7440-62-2	Vanadium	19		11/21/2024	1552
7440-66-6	Zinc	160	*	11/21/2024	1552

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHE0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-09

% Solids: 75.6 Date Received: 11/16/2024

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		11/21/2024	1557
7440-36-0	Antimony	0.68	J	11/21/2024	1557
7440-38-2	Arsenic	10		11/21/2024	1557
7440-39-3	Barium	180		11/21/2024	1557
7440-41-7	Beryllium	0.46	J	11/21/2024	1557
7440-43-9	Cadmium	1.2		11/21/2024	1557
7440-70-2	Calcium	19000		11/21/2024	1557
7440-47-3	Chromium	13		11/21/2024	1557
7440-48-4	Cobalt	7.5		11/21/2024	1557
7440-50-8	Copper	45		11/21/2024	1557
7439-89-6	Iron	16000		11/21/2024	1557
7439-92-1	Lead	180		11/21/2024	1557
7439-95-4	Magnesium	5400		11/21/2024	1557
7439-96-5	Manganese	820		11/21/2024	1557
7440-02-0	Nickel	19		11/21/2024	1557
7440-09-7	Potassium	900		11/21/2024	1557
7782-49-2	Selenium	3.3	U	11/21/2024	1557
7440-22-4	Silver	0.95	U*	11/21/2024	1557
7440-23-5	Sodium	100	J	11/21/2024	1557
7440-28-0	Thallium	2.4	U	11/21/2024	1557
7440-62-2	Vanadium	17		11/21/2024	1557
7440-66-6	Zinc	150	*	11/21/2024	1557

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHE2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-11

% Solids: 83.6 Date Received: 11/16/2024

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		11/21/2024	1601
7440-36-0	Antimony	0.50	J	11/21/2024	1601
7440-38-2	Arsenic	9.8		11/21/2024	1601
7440-39-3	Barium	150		11/21/2024	1601
7440-41-7	Beryllium	0.40	J	11/21/2024	1601
7440-43-9	Cadmium	1.1		11/21/2024	1601
7440-70-2	Calcium	31000		11/21/2024	1601
7440-47-3	Chromium	12		11/21/2024	1601
7440-48-4	Cobalt	7.1		11/21/2024	1601
7440-50-8	Copper	48		11/21/2024	1601
7439-89-6	Iron	16000		11/21/2024	1601
7439-92-1	Lead	110		11/21/2024	1601
7439-95-4	Magnesium	4900		11/21/2024	1601
7439-96-5	Manganese	830		11/21/2024	1601
7440-02-0	Nickel	17		11/21/2024	1601
7440-09-7	Potassium	900		11/21/2024	1601
7782-49-2	Selenium	3.1	U	11/21/2024	1601
7440-22-4	Silver	0.88	U*	11/21/2024	1601
7440-23-5	Sodium	130	J	11/21/2024	1601
7440-28-0	Thallium	2.2	U	11/21/2024	1601
7440-62-2	Vanadium	17		11/21/2024	1601
7440-66-6	Zinc	160	*	11/21/2024	1601

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHE3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHB2

Matrix: SOIL Lab Sample ID: P4906-12

% Solids: 84.8 Date Received: 11/16/2024

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	5500		11/21/2024	1605
7440-36-0	Antimony	5.2	U	11/21/2024	1605
7440-38-2	Arsenic	7.0		11/21/2024	1605
7440-39-3	Barium	110		11/21/2024	1605
7440-41-7	Beryllium	0.31	J	11/21/2024	1605
7440-43-9	Cadmium	0.63		11/21/2024	1605
7440-70-2	Calcium	41000		11/21/2024	1605
7440-47-3	Chromium	9.4		11/21/2024	1605
7440-48-4	Cobalt	5.0		11/21/2024	1605
7440-50-8	Copper	27		11/21/2024	1605
7439-89-6	Iron	10000		11/21/2024	1605
7439-92-1	Lead	39		11/21/2024	1605
7439-95-4	Magnesium	7600		11/21/2024	1605
7439-96-5	Manganese	510		11/21/2024	1605
7440-02-0	Nickel	10		11/21/2024	1605
7440-09-7	Potassium	630		11/21/2024	1605
7782-49-2	Selenium	3.0	U	11/21/2024	1605
7440-22-4	Silver	0.87	U*	11/21/2024	1605
7440-23-5	Sodium	430	U	11/21/2024	1605
7440-28-0	Thallium	2.2	U	11/21/2024	1605
7440-62-2	Vanadium	12		11/21/2024	1605
7440-66-6	Zinc	67	*	11/21/2024	1605

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

Comments: