

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHY3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3

Matrix: SOIL Lab Sample ID: P4941-01

% Solids: 87.8 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	5600		12/14/2024	1640
7440-36-0	Antimony	0.82	J	12/14/2024	1640
7440-38-2	Arsenic	3.3		12/14/2024	1640
7440-39-3	Barium	48		12/14/2024	1640
7440-41-7	Beryllium	0.38	J	12/14/2024	1640
7440-43-9	Cadmium	0.40	J	12/14/2024	1640
7440-70-2	Calcium	59000		12/14/2024	1640
7440-47-3	Chromium	6.7		12/14/2024	1640
7440-48-4	Cobalt	9.4	*	12/14/2024	1640
7440-50-8	Copper	13		12/14/2024	1640
7439-89-6	Iron	12000		12/14/2024	1640
7439-92-1	Lead	22		12/14/2024	1640
7439-95-4	Magnesium	17000		12/14/2024	1640
7439-96-5	Manganese	840		12/14/2024	1640
7440-02-0	Nickel	13		12/14/2024	1640
7440-09-7	Potassium	690		12/14/2024	1640
7782-49-2	Selenium	3.0	U*	12/14/2024	1640
7440-22-4	Silver	0.85	U*	12/14/2024	1640
7440-23-5	Sodium	94	J	12/14/2024	1640
7440-28-0	Thallium	2.4		12/14/2024	1640
7440-62-2	Vanadium	13		12/14/2024	1640
7440-66-6	Zinc	45	*	12/14/2024	1640

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

Comments:

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MBHHY4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3

Matrix: SOIL Lab Sample ID: P4941-02

% 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	5600		12/14/2024	1644
7440-36-0	Antimony	1.0	J	12/14/2024	1644
7440-38-2	Arsenic	3.5		12/14/2024	1644
7440-39-3	Barium	49		12/14/2024	1644
7440-41-7	Beryllium	0.42	J	12/14/2024	1644
7440-43-9	Cadmium	0.43	J	12/14/2024	1644
7440-70-2	Calcium	39000		12/14/2024	1644
7440-47-3	Chromium	7.6		12/14/2024	1644
7440-48-4	Cobalt	9.5	*	12/14/2024	1644
7440-50-8	Copper	16		12/14/2024	1644
7439-89-6	Iron	13000		12/14/2024	1644
7439-92-1	Lead	25		12/14/2024	1644
7439-95-4	Magnesium	12000		12/14/2024	1644
7439-96-5	Manganese	770		12/14/2024	1644
7440-02-0	Nickel	14		12/14/2024	1644
7440-09-7	Potassium	640		12/14/2024	1644
7782-49-2	Selenium	3.4	U*	12/14/2024	1644
7440-22-4	Silver	0.98	U*	12/14/2024	1644
7440-23-5	Sodium	490	U	12/14/2024	1644
7440-28-0	Thallium	2.3	J	12/14/2024	1644
7440-62-2	Vanadium	13		12/14/2024	1644
7440-66-6	Zinc	53	*	12/14/2024	1644

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

Comments:

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MBHHZ3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3

Matrix: Water Lab Sample ID: P4941-03

% Solids: Date Received: 11/21/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	200	U	12/04/2024	0024
7440-36-0	Antimony	60	U	12/04/2024	0024
7440-38-2	Arsenic	10	U	12/04/2024	0024
7440-39-3	Barium	200	U	12/04/2024	0024
7440-41-7	Beryllium	5.0	U	12/04/2024	0024
7440-43-9	Cadmium	5.0	U	12/04/2024	0024
7440-70-2	Calcium	170	J	12/04/2024	0024
7440-47-3	Chromium	10	U	12/04/2024	0024
7440-48-4	Cobalt	50	U	12/04/2024	0024
7440-50-8	Copper	25	U	12/04/2024	0024
7439-89-6	Iron	92	J	12/04/2024	0024
7439-92-1	Lead	10	U	12/04/2024	0024
7439-95-4	Magnesium	5000	U	12/04/2024	0024
7439-96-5	Manganese	2.8	J	12/04/2024	0024
7440-02-0	Nickel	40	U	12/04/2024	0024
7440-09-7	Potassium	5000	U	12/04/2024	0024
7782-49-2	Selenium	35	U	12/04/2024	0024
7440-22-4	Silver	10	U	12/04/2024	0024
7440-23-5	Sodium	5000	U	12/04/2024	0024
7440-28-0	Thallium	25	U	12/04/2024	0024
7440-62-2	Vanadium	50	U	12/04/2024	0024
7440-66-6	Zinc	60	U	12/04/2024	0024

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

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MBHJ19

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3

Matrix: SOIL Lab Sample ID: P4941-04

% Solids: 91.3 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	8200		12/14/2024	1647
7440-36-0	Antimony	7.6		12/14/2024	1647
7440-38-2	Arsenic	27		12/14/2024	1647
7440-39-3	Barium	100		12/14/2024	1647
7440-41-7	Beryllium	1.1		12/14/2024	1647
7440-43-9	Cadmium	0.80		12/14/2024	1647
7440-70-2	Calcium	34000		12/14/2024	1647
7440-47-3	Chromium	9.0		12/14/2024	1647
7440-48-4	Cobalt	13	*	12/14/2024	1647
7440-50-8	Copper	37		12/14/2024	1647
7439-89-6	Iron	34000		12/14/2024	1647
7439-92-1	Lead	210		12/14/2024	1647
7439-95-4	Magnesium	14000		12/14/2024	1647
7439-96-5	Manganese	480		12/14/2024	1647
7440-02-0	Nickel	23		12/14/2024	1647
7440-09-7	Potassium	740		12/14/2024	1647
7782-49-2	Selenium	2.0	J*	12/14/2024	1647
7440-22-4	Silver	0.88	U*	12/14/2024	1647
7440-23-5	Sodium	130	J	12/14/2024	1647
7440-28-0	Thallium	1.1	J	12/14/2024	1647
7440-62-2	Vanadium	21		12/14/2024	1647
7440-66-6	Zinc	78	*	12/14/2024	1647

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

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MBHJ26

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3

Matrix: SOIL Lab Sample ID: P4941-05

% Solids: 81.3 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	8300		12/14/2024	1651
7440-36-0	Antimony	2.9	J	12/14/2024	1651
7440-38-2	Arsenic	12		12/14/2024	1651
7440-39-3	Barium	100		12/14/2024	1651
7440-41-7	Beryllium	0.68		12/14/2024	1651
7440-43-9	Cadmium	0.67		12/14/2024	1651
7440-70-2	Calcium	12000		12/14/2024	1651
7440-47-3	Chromium	12		12/14/2024	1651
7440-48-4	Cobalt	11	*	12/14/2024	1651
7440-50-8	Copper	23		12/14/2024	1651
7439-89-6	Iron	18000		12/14/2024	1651
7439-92-1	Lead	140		12/14/2024	1651
7439-95-4	Magnesium	3600		12/14/2024	1651
7439-96-5	Manganese	1400		12/14/2024	1651
7440-02-0	Nickel	22		12/14/2024	1651
7440-09-7	Potassium	760		12/14/2024	1651
7782-49-2	Selenium	1.5	J*	12/14/2024	1651
7440-22-4	Silver	0.88	U*	12/14/2024	1651
7440-23-5	Sodium	440	U	12/14/2024	1651
7440-28-0	Thallium	2.1	J	12/14/2024	1651
7440-62-2	Vanadium	17		12/14/2024	1651
7440-66-6	Zinc	72	*	12/14/2024	1651

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

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MBHJ43

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3

Matrix: SOIL Lab Sample ID: P4941-06

% Solids: 93.7 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	4700		12/14/2024	1655
7440-36-0	Antimony	0.99	J	12/14/2024	1655
7440-38-2	Arsenic	13		12/14/2024	1655
7440-39-3	Barium	44		12/14/2024	1655
7440-41-7	Beryllium	0.36	J	12/14/2024	1655
7440-43-9	Cadmium	0.65		12/14/2024	1655
7440-70-2	Calcium	96000	D	12/21/2024	0605
7440-47-3	Chromium	7.6		12/14/2024	1655
7440-48-4	Cobalt	8.9	*	12/14/2024	1655
7440-50-8	Copper	8.9		12/14/2024	1655
7439-89-6	Iron	13000		12/14/2024	1655
7439-92-1	Lead	39		12/14/2024	1655
7439-95-4	Magnesium	55000		12/14/2024	1655
7439-96-5	Manganese	810		12/14/2024	1655
7440-02-0	Nickel	13		12/14/2024	1655
7440-09-7	Potassium	850		12/14/2024	1655
7782-49-2	Selenium	2.8	U*	12/14/2024	1655
7440-22-4	Silver	0.79	U*	12/14/2024	1655
7440-23-5	Sodium	400	U	12/14/2024	1655
7440-28-0	Thallium	2.6		12/14/2024	1655
7440-62-2	Vanadium	10		12/14/2024	1655
7440-66-6	Zinc	100	*	12/14/2024	1655

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

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MBHJ44

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3

Matrix: SOIL Lab Sample ID: P4941-07

% 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	11000		12/14/2024	1659
7440-36-0	Antimony	2.9	J	12/14/2024	1659
7440-38-2	Arsenic	11		12/14/2024	1659
7440-39-3	Barium	130		12/14/2024	1659
7440-41-7	Beryllium	0.77		12/14/2024	1659
7440-43-9	Cadmium	0.84		12/14/2024	1659
7440-70-2	Calcium	55000	D	12/21/2024	0608
7440-47-3	Chromium	14		12/14/2024	1659
7440-48-4	Cobalt	12	*	12/14/2024	1659
7440-50-8	Copper	21		12/14/2024	1659
7439-89-6	Iron	21000		12/14/2024	1659
7439-92-1	Lead	47		12/14/2024	1659
7439-95-4	Magnesium	28000		12/14/2024	1659
7439-96-5	Manganese	570		12/14/2024	1659
7440-02-0	Nickel	24		12/14/2024	1659
7440-09-7	Potassium	830		12/14/2024	1659
7782-49-2	Selenium	2.8	U*	12/14/2024	1659
7440-22-4	Silver	0.81	U*	12/14/2024	1659
7440-23-5	Sodium	88	J	12/14/2024	1659
7440-28-0	Thallium	1.2	J	12/14/2024	1659
7440-62-2	Vanadium	21		12/14/2024	1659
7440-66-6	Zinc	130	*	12/14/2024	1659

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

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MBHJ45

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3

Matrix: SOIL Lab Sample ID: P4941-08

% Solids: 86.6 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	13000		12/14/2024	1703
7440-36-0	Antimony	3.3	J	12/14/2024	1703
7440-38-2	Arsenic	6.1		12/14/2024	1703
7440-39-3	Barium	160		12/14/2024	1703
7440-41-7	Beryllium	0.88		12/14/2024	1703
7440-43-9	Cadmium	0.92		12/14/2024	1703
7440-70-2	Calcium	67000		12/14/2024	1703
7440-47-3	Chromium	16		12/14/2024	1703
7440-48-4	Cobalt	13	*	12/14/2024	1703
7440-50-8	Copper	24		12/14/2024	1703
7439-89-6	Iron	23000		12/14/2024	1703
7439-92-1	Lead	27		12/14/2024	1703
7439-95-4	Magnesium	21000		12/14/2024	1703
7439-96-5	Manganese	550		12/14/2024	1703
7440-02-0	Nickel	27		12/14/2024	1703
7440-09-7	Potassium	690		12/14/2024	1703
7782-49-2	Selenium	3.2	U*	12/14/2024	1703
7440-22-4	Silver	0.92	U*	12/14/2024	1703
7440-23-5	Sodium	460	U	12/14/2024	1703
7440-28-0	Thallium	1.6	J	12/14/2024	1703
7440-62-2	Vanadium	24		12/14/2024	1703
7440-66-6	Zinc	130	*	12/14/2024	1703

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

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MBHJ46

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3

Matrix: SOIL Lab Sample ID: P4941-09

% Solids: 85.5 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	15000		12/14/2024	1706
7440-36-0	Antimony	3.4	J	12/14/2024	1706
7440-38-2	Arsenic	4.4		12/14/2024	1706
7440-39-3	Barium	190		12/14/2024	1706
7440-41-7	Beryllium	1.0		12/14/2024	1706
7440-43-9	Cadmium	0.87		12/14/2024	1706
7440-70-2	Calcium	42000		12/14/2024	1706
7440-47-3	Chromium	18		12/14/2024	1706
7440-48-4	Cobalt	14	*	12/14/2024	1706
7440-50-8	Copper	25		12/14/2024	1706
7439-89-6	Iron	24000		12/14/2024	1706
7439-92-1	Lead	25		12/14/2024	1706
7439-95-4	Magnesium	13000		12/14/2024	1706
7439-96-5	Manganese	430		12/14/2024	1706
7440-02-0	Nickel	30		12/14/2024	1706
7440-09-7	Potassium	720		12/14/2024	1706
7782-49-2	Selenium	3.4	U*	12/14/2024	1706
7440-22-4	Silver	0.98	U*	12/14/2024	1706
7440-23-5	Sodium	490	U	12/14/2024	1706
7440-28-0	Thallium	1.0	J	12/14/2024	1706
7440-62-2	Vanadium	26		12/14/2024	1706
7440-66-6	Zinc	120	*	12/14/2024	1706

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

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MBHJ47

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3

Matrix: SOIL Lab Sample ID: P4941-10

% Solids: 91.2 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	7800		12/14/2024	1710
7440-36-0	Antimony	1.2	J	12/14/2024	1710
7440-38-2	Arsenic	4.5		12/14/2024	1710
7440-39-3	Barium	120		12/14/2024	1710
7440-41-7	Beryllium	0.61		12/14/2024	1710
7440-43-9	Cadmium	0.63		12/14/2024	1710
7440-70-2	Calcium	110000	D	12/21/2024	0612
7440-47-3	Chromium	10		12/14/2024	1710
7440-48-4	Cobalt	11	*	12/14/2024	1710
7440-50-8	Copper	17		12/14/2024	1710
7439-89-6	Iron	16000		12/14/2024	1710
7439-92-1	Lead	48		12/14/2024	1710
7439-95-4	Magnesium	14000		12/14/2024	1710
7439-96-5	Manganese	750		12/14/2024	1710
7440-02-0	Nickel	18		12/14/2024	1710
7440-09-7	Potassium	460		12/14/2024	1710
7782-49-2	Selenium	3.1	U*	12/14/2024	1710
7440-22-4	Silver	0.88	U*	12/14/2024	1710
7440-23-5	Sodium	440	U	12/14/2024	1710
7440-28-0	Thallium	2.7		12/14/2024	1710
7440-62-2	Vanadium	16		12/14/2024	1710
7440-66-6	Zinc	83	*	12/14/2024	1710

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

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MBHJD8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3

Matrix: SOIL Lab Sample ID: P4941-12

% Solids: 79.9 Date Received: 11/23/2024

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	6800		12/14/2024	1714
7440-36-0	Antimony	2.3	J	12/14/2024	1714
7440-38-2	Arsenic	8.3		12/14/2024	1714
7440-39-3	Barium	63		12/14/2024	1714
7440-41-7	Beryllium	0.49		12/14/2024	1714
7440-43-9	Cadmium	0.40	J	12/14/2024	1714
7440-70-2	Calcium	8600		12/14/2024	1714
7440-47-3	Chromium	9.8		12/14/2024	1714
7440-48-4	Cobalt	9.0	*	12/14/2024	1714
7440-50-8	Copper	17		12/14/2024	1714
7439-89-6	Iron	15000		12/14/2024	1714
7439-92-1	Lead	99		12/14/2024	1714
7439-95-4	Magnesium	3200		12/14/2024	1714
7439-96-5	Manganese	720		12/14/2024	1714
7440-02-0	Nickel	19		12/14/2024	1714
7440-09-7	Potassium	580		12/14/2024	1714
7782-49-2	Selenium	1.2	J*	12/14/2024	1714
7440-22-4	Silver	0.85	U*	12/14/2024	1714
7440-23-5	Sodium	430	U	12/14/2024	1714
7440-28-0	Thallium	0.92	J	12/14/2024	1714
7440-62-2	Vanadium	16		12/14/2024	1714
7440-66-6	Zinc	55	*	12/14/2024	1714

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJD9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3

Matrix: SOIL Lab Sample ID: P4941-13

% Solids: 80.9 Date Received: 11/23/2024

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	7600		12/14/2024	1739
7440-36-0	Antimony	2.8	J	12/14/2024	1739
7440-38-2	Arsenic	9.9		12/14/2024	1739
7440-39-3	Barium	78		12/14/2024	1739
7440-41-7	Beryllium	0.58		12/14/2024	1739
7440-43-9	Cadmium	0.49		12/14/2024	1739
7440-70-2	Calcium	8400		12/14/2024	1739
7440-47-3	Chromium	10		12/14/2024	1739
7440-48-4	Cobalt	11	*	12/14/2024	1739
7440-50-8	Copper	16		12/14/2024	1739
7439-89-6	Iron	18000		12/14/2024	1739
7439-92-1	Lead	97		12/14/2024	1739
7439-95-4	Magnesium	3400		12/14/2024	1739
7439-96-5	Manganese	870		12/14/2024	1739
7440-02-0	Nickel	21		12/14/2024	1739
7440-09-7	Potassium	640		12/14/2024	1739
7782-49-2	Selenium	1.3	J*	12/14/2024	1739
7440-22-4	Silver	0.83	U*	12/14/2024	1739
7440-23-5	Sodium	420	U	12/14/2024	1739
7440-28-0	Thallium	1.1	J	12/14/2024	1739
7440-62-2	Vanadium	20		12/14/2024	1739
7440-66-6	Zinc	54	*	12/14/2024	1739

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJE0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3

Matrix: SOIL Lab Sample ID: P4941-14

% Solids: 86.1 Date Received: 11/23/2024

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	6500		12/14/2024	1742
7440-36-0	Antimony	2.9	J	12/14/2024	1742
7440-38-2	Arsenic	19		12/14/2024	1742
7440-39-3	Barium	140		12/14/2024	1742
7440-41-7	Beryllium	0.61		12/14/2024	1742
7440-43-9	Cadmium	0.51		12/14/2024	1742
7440-70-2	Calcium	16000		12/14/2024	1742
7440-47-3	Chromium	8.5		12/14/2024	1742
7440-48-4	Cobalt	13	*	12/14/2024	1742
7440-50-8	Copper	35		12/14/2024	1742
7439-89-6	Iron	20000		12/14/2024	1742
7439-92-1	Lead	790		12/14/2024	1742
7439-95-4	Magnesium	2400		12/14/2024	1742
7439-96-5	Manganese	1600		12/14/2024	1742
7440-02-0	Nickel	18		12/14/2024	1742
7440-09-7	Potassium	660		12/14/2024	1742
7782-49-2	Selenium	1.8	J*	12/14/2024	1742
7440-22-4	Silver	0.93	U*	12/14/2024	1742
7440-23-5	Sodium	470	U	12/14/2024	1742
7440-28-0	Thallium	2.3		12/14/2024	1742
7440-62-2	Vanadium	20		12/14/2024	1742
7440-66-6	Zinc	56	*	12/14/2024	1742

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJE1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3

Matrix: SOIL Lab Sample ID: P4941-15

% Solids: 79.3 Date Received: 11/23/2024

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	7900		12/14/2024	1746
7440-36-0	Antimony	2.8	J	12/14/2024	1746
7440-38-2	Arsenic	13		12/14/2024	1746
7440-39-3	Barium	120		12/14/2024	1746
7440-41-7	Beryllium	0.62		12/14/2024	1746
7440-43-9	Cadmium	0.53		12/14/2024	1746
7440-70-2	Calcium	22000		12/14/2024	1746
7440-47-3	Chromium	9.2		12/14/2024	1746
7440-48-4	Cobalt	13	*	12/14/2024	1746
7440-50-8	Copper	30		12/14/2024	1746
7439-89-6	Iron	21000		12/14/2024	1746
7439-92-1	Lead	280		12/14/2024	1746
7439-95-4	Magnesium	2700		12/14/2024	1746
7439-96-5	Manganese	2300		12/14/2024	1746
7440-02-0	Nickel	15		12/14/2024	1746
7440-09-7	Potassium	720		12/14/2024	1746
7782-49-2	Selenium	1.9	J*	12/14/2024	1746
7440-22-4	Silver	0.99	U*	12/14/2024	1746
7440-23-5	Sodium	500	U	12/14/2024	1746
7440-28-0	Thallium	3.5		12/14/2024	1746
7440-62-2	Vanadium	19		12/14/2024	1746
7440-66-6	Zinc	32	*	12/14/2024	1746

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJE2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3

Matrix: SOIL Lab Sample ID: P4941-16

% Solids: 80.9 Date Received: 11/23/2024

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	8300		12/14/2024	1750
7440-36-0	Antimony	3.1	J	12/14/2024	1750
7440-38-2	Arsenic	12		12/14/2024	1750
7440-39-3	Barium	99		12/14/2024	1750
7440-41-7	Beryllium	0.64		12/14/2024	1750
7440-43-9	Cadmium	0.52		12/14/2024	1750
7440-70-2	Calcium	17000		12/14/2024	1750
7440-47-3	Chromium	8.9		12/14/2024	1750
7440-48-4	Cobalt	13	*	12/14/2024	1750
7440-50-8	Copper	25		12/14/2024	1750
7439-89-6	Iron	21000		12/14/2024	1750
7439-92-1	Lead	150		12/14/2024	1750
7439-95-4	Magnesium	2500		12/14/2024	1750
7439-96-5	Manganese	2000		12/14/2024	1750
7440-02-0	Nickel	15		12/14/2024	1750
7440-09-7	Potassium	590		12/14/2024	1750
7782-49-2	Selenium	2.0	J*	12/14/2024	1750
7440-22-4	Silver	0.89	U*	12/14/2024	1750
7440-23-5	Sodium	450	U	12/14/2024	1750
7440-28-0	Thallium	3.0		12/14/2024	1750
7440-62-2	Vanadium	20		12/14/2024	1750
7440-66-6	Zinc	32	*	12/14/2024	1750

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJE3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3

Matrix: SOIL Lab Sample ID: P4941-17

% Solids: 84.5 Date Received: 11/23/2024

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	8600		12/14/2024	1754
7440-36-0	Antimony	4.0	J	12/14/2024	1754
7440-38-2	Arsenic	9.0		12/14/2024	1754
7440-39-3	Barium	73		12/14/2024	1754
7440-41-7	Beryllium	0.70		12/14/2024	1754
7440-43-9	Cadmium	0.42	J	12/14/2024	1754
7440-70-2	Calcium	3200		12/14/2024	1754
7440-47-3	Chromium	8.4		12/14/2024	1754
7440-48-4	Cobalt	12	*	12/14/2024	1754
7440-50-8	Copper	13		12/14/2024	1754
7439-89-6	Iron	21000		12/14/2024	1754
7439-92-1	Lead	30		12/14/2024	1754
7439-95-4	Magnesium	1800		12/14/2024	1754
7439-96-5	Manganese	1600		12/14/2024	1754
7440-02-0	Nickel	12		12/14/2024	1754
7440-09-7	Potassium	390	J	12/14/2024	1754
7782-49-2	Selenium	3.7	*	12/14/2024	1754
7440-22-4	Silver	0.85	U*	12/14/2024	1754
7440-23-5	Sodium	430	U	12/14/2024	1754
7440-28-0	Thallium	0.96	J	12/14/2024	1754
7440-62-2	Vanadium	20		12/14/2024	1754
7440-66-6	Zinc	21	*	12/14/2024	1754

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

Comments:

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MBHJE4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3

Matrix: SOIL Lab Sample ID: P4941-18

% Solids: 82.1 Date Received: 11/23/2024

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	9300		12/14/2024	1758
7440-36-0	Antimony	5.0	J	12/14/2024	1758
7440-38-2	Arsenic	11		12/14/2024	1758
7440-39-3	Barium	85		12/14/2024	1758
7440-41-7	Beryllium	0.82		12/14/2024	1758
7440-43-9	Cadmium	0.65		12/14/2024	1758
7440-70-2	Calcium	3100		12/14/2024	1758
7440-47-3	Chromium	9.3		12/14/2024	1758
7440-48-4	Cobalt	12	*	12/14/2024	1758
7440-50-8	Copper	19		12/14/2024	1758
7439-89-6	Iron	27000		12/14/2024	1758
7439-92-1	Lead	26		12/14/2024	1758
7439-95-4	Magnesium	2000		12/14/2024	1758
7439-96-5	Manganese	1800		12/14/2024	1758
7440-02-0	Nickel	17		12/14/2024	1758
7440-09-7	Potassium	570		12/14/2024	1758
7782-49-2	Selenium	4.2	*	12/14/2024	1758
7440-22-4	Silver	0.95	U*	12/14/2024	1758
7440-23-5	Sodium	480	U	12/14/2024	1758
7440-28-0	Thallium	0.91	J	12/14/2024	1758
7440-62-2	Vanadium	25		12/14/2024	1758
7440-66-6	Zinc	22	*	12/14/2024	1758

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

Comments:

FORM 1 - IN
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EPA SAMPLE NO.

MBHJF7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3
 Matrix: SOIL Lab Sample ID: P4941-19
 % Solids: 75.4 Date Received: 11/23/2024
 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	10000		12/14/2024	1514
7440-36-0	Antimony	2.3	J	12/14/2024	1514
7440-38-2	Arsenic	6.4		12/14/2024	1514
7440-39-3	Barium	120		12/14/2024	1514
7440-41-7	Beryllium	0.79		12/14/2024	1514
7440-43-9	Cadmium	0.86		12/14/2024	1514
7440-70-2	Calcium	67000		12/14/2024	1514
7440-47-3	Chromium	16		12/14/2024	1514
7440-48-4	Cobalt	13	*	12/14/2024	1514
7440-50-8	Copper	23		12/14/2024	1514
7439-89-6	Iron	21000		12/14/2024	1514
7439-92-1	Lead	75		12/14/2024	1514
7439-95-4	Magnesium	27000		12/14/2024	1514
7439-96-5	Manganese	620		12/14/2024	1514
7440-02-0	Nickel	27		12/14/2024	1514
7440-09-7	Potassium	1600		12/14/2024	1514
7782-49-2	Selenium	3.8	U*	12/14/2024	1514
7440-22-4	Silver	1.1	U*	12/14/2024	1514
7440-23-5	Sodium	540	U	12/14/2024	1514
7440-28-0	Thallium	2.2	J	12/14/2024	1514
7440-62-2	Vanadium	20		12/14/2024	1514
7440-66-6	Zinc	160	*	12/14/2024	1514

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

Comments:

FORM 1 - IN
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MBHJF8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHY3

Matrix: SOIL Lab Sample ID: P4941-22

% Solids: 75.2 Date Received: 11/23/2024

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	9700		12/14/2024	1802
7440-36-0	Antimony	2.4	J	12/14/2024	1802
7440-38-2	Arsenic	6.3		12/14/2024	1802
7440-39-3	Barium	140		12/14/2024	1802
7440-41-7	Beryllium	0.75		12/14/2024	1802
7440-43-9	Cadmium	0.89		12/14/2024	1802
7440-70-2	Calcium	69000	D	12/21/2024	0616
7440-47-3	Chromium	14		12/14/2024	1802
7440-48-4	Cobalt	12	*	12/14/2024	1802
7440-50-8	Copper	21		12/14/2024	1802
7439-89-6	Iron	21000		12/14/2024	1802
7439-92-1	Lead	62		12/14/2024	1802
7439-95-4	Magnesium	33000		12/14/2024	1802
7439-96-5	Manganese	630		12/14/2024	1802
7440-02-0	Nickel	26		12/14/2024	1802
7440-09-7	Potassium	1400		12/14/2024	1802
7782-49-2	Selenium	3.2	U*	12/14/2024	1802
7440-22-4	Silver	0.92	U*	12/14/2024	1802
7440-23-5	Sodium	94	J	12/14/2024	1802
7440-28-0	Thallium	1.6	J	12/14/2024	1802
7440-62-2	Vanadium	19		12/14/2024	1802
7440-66-6	Zinc	150	*	12/14/2024	1802

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

Comments: