

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHS5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-01

% Solids: 65.2 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	6900		12/02/2024	2142
7440-36-0	Antimony	0.64	J	12/02/2024	2142
7440-38-2	Arsenic	12		12/02/2024	2142
7440-39-3	Barium	140		12/02/2024	2142
7440-41-7	Beryllium	0.51	J	12/02/2024	2142
7440-43-9	Cadmium	1.6		12/02/2024	2142
7440-70-2	Calcium	9400		12/02/2024	2142
7440-47-3	Chromium	17		12/02/2024	2142
7440-48-4	Cobalt	9.6		12/02/2024	2142
7440-50-8	Copper	42		12/02/2024	2142
7439-89-6	Iron	18000	*	12/02/2024	2142
7439-92-1	Lead	360		12/02/2024	2142
7439-95-4	Magnesium	4000		12/02/2024	2142
7439-96-5	Manganese	1400	*	12/02/2024	2142
7440-02-0	Nickel	24		12/02/2024	2142
7440-09-7	Potassium	530	J	12/02/2024	2142
7782-49-2	Selenium	4.6	U*	12/02/2024	2142
7440-22-4	Silver	1.3	U*	12/02/2024	2142
7440-23-5	Sodium	190	J	12/02/2024	2142
7440-28-0	Thallium	3.3	U	12/02/2024	2142
7440-62-2	Vanadium	22		12/02/2024	2142
7440-66-6	Zinc	270	*	12/02/2024	2142

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

Comments:

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MBHHS6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-02

% Solids: 70.9 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	6300		12/02/2024	2147
7440-36-0	Antimony	0.63	J	12/02/2024	2147
7440-38-2	Arsenic	13		12/02/2024	2147
7440-39-3	Barium	140		12/02/2024	2147
7440-41-7	Beryllium	0.54		12/02/2024	2147
7440-43-9	Cadmium	1.8		12/02/2024	2147
7440-70-2	Calcium	7700		12/02/2024	2147
7440-47-3	Chromium	15		12/02/2024	2147
7440-48-4	Cobalt	10		12/02/2024	2147
7440-50-8	Copper	40		12/02/2024	2147
7439-89-6	Iron	17000	*	12/02/2024	2147
7439-92-1	Lead	370		12/02/2024	2147
7439-95-4	Magnesium	3400		12/02/2024	2147
7439-96-5	Manganese	1400	*	12/02/2024	2147
7440-02-0	Nickel	24		12/02/2024	2147
7440-09-7	Potassium	310	J	12/02/2024	2147
7782-49-2	Selenium	3.6	U*	12/02/2024	2147
7440-22-4	Silver	1.0	U*	12/02/2024	2147
7440-23-5	Sodium	170	J	12/02/2024	2147
7440-28-0	Thallium	2.5	U	12/02/2024	2147
7440-62-2	Vanadium	20		12/02/2024	2147
7440-66-6	Zinc	260	*	12/02/2024	2147

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

Comments:

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MBHHT6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-03

% Solids: 77.6 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	7800		12/02/2024	2151
7440-36-0	Antimony	11		12/02/2024	2151
7440-38-2	Arsenic	12		12/02/2024	2151
7440-39-3	Barium	270		12/02/2024	2151
7440-41-7	Beryllium	0.56	J	12/02/2024	2151
7440-43-9	Cadmium	1.9		12/02/2024	2151
7440-70-2	Calcium	36000		12/02/2024	2151
7440-47-3	Chromium	22		12/02/2024	2151
7440-48-4	Cobalt	8.5		12/02/2024	2151
7440-50-8	Copper	75		12/02/2024	2151
7439-89-6	Iron	17000	*	12/02/2024	2151
7439-92-1	Lead	580		12/02/2024	2151
7439-95-4	Magnesium	6800		12/02/2024	2151
7439-96-5	Manganese	610	*	12/02/2024	2151
7440-02-0	Nickel	24		12/02/2024	2151
7440-09-7	Potassium	1500		12/02/2024	2151
7782-49-2	Selenium	4.1	U*	12/02/2024	2151
7440-22-4	Silver	1.2	U*	12/02/2024	2151
7440-23-5	Sodium	290	J	12/02/2024	2151
7440-28-0	Thallium	2.9	U	12/02/2024	2151
7440-62-2	Vanadium	22		12/02/2024	2151
7440-66-6	Zinc	330	*	12/02/2024	2151

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

Comments:

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MBHHT7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-04

% Solids: 82.4 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	8600		12/02/2024	2155
7440-36-0	Antimony	1.4	J	12/02/2024	2155
7440-38-2	Arsenic	11		12/02/2024	2155
7440-39-3	Barium	280		12/02/2024	2155
7440-41-7	Beryllium	0.63		12/02/2024	2155
7440-43-9	Cadmium	1.9		12/02/2024	2155
7440-70-2	Calcium	36000		12/02/2024	2155
7440-47-3	Chromium	19		12/02/2024	2155
7440-48-4	Cobalt	8.3		12/02/2024	2155
7440-50-8	Copper	81		12/02/2024	2155
7439-89-6	Iron	16000	*	12/02/2024	2155
7439-92-1	Lead	570		12/02/2024	2155
7439-95-4	Magnesium	6300		12/02/2024	2155
7439-96-5	Manganese	580	*	12/02/2024	2155
7440-02-0	Nickel	23		12/02/2024	2155
7440-09-7	Potassium	1200		12/02/2024	2155
7782-49-2	Selenium	3.7	U*	12/02/2024	2155
7440-22-4	Silver	1.1	U*	12/02/2024	2155
7440-23-5	Sodium	280	J	12/02/2024	2155
7440-28-0	Thallium	2.6	U	12/02/2024	2155
7440-62-2	Vanadium	23		12/02/2024	2155
7440-66-6	Zinc	330	*	12/02/2024	2155

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

Comments:

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MBHHT8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-05

% Solids: 84.3 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	7700		12/02/2024	2200
7440-36-0	Antimony	1.2	J	12/02/2024	2200
7440-38-2	Arsenic	16		12/02/2024	2200
7440-39-3	Barium	350		12/02/2024	2200
7440-41-7	Beryllium	0.65		12/02/2024	2200
7440-43-9	Cadmium	2.2		12/02/2024	2200
7440-70-2	Calcium	35000		12/02/2024	2200
7440-47-3	Chromium	20		12/02/2024	2200
7440-48-4	Cobalt	9.3		12/02/2024	2200
7440-50-8	Copper	93		12/02/2024	2200
7439-89-6	Iron	21000	*	12/02/2024	2200
7439-92-1	Lead	770		12/02/2024	2200
7439-95-4	Magnesium	5300		12/02/2024	2200
7439-96-5	Manganese	620	*	12/02/2024	2200
7440-02-0	Nickel	23		12/02/2024	2200
7440-09-7	Potassium	980		12/02/2024	2200
7782-49-2	Selenium	3.5	U*	12/02/2024	2200
7440-22-4	Silver	1.0	U*	12/02/2024	2200
7440-23-5	Sodium	280	J	12/02/2024	2200
7440-28-0	Thallium	2.5	U	12/02/2024	2200
7440-62-2	Vanadium	25		12/02/2024	2200
7440-66-6	Zinc	390	*	12/02/2024	2200

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

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MBHHT9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-06

% Solids: 83.4 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	8200		12/02/2024	2204
7440-36-0	Antimony	4.6	J	12/02/2024	2204
7440-38-2	Arsenic	13		12/02/2024	2204
7440-39-3	Barium	320		12/02/2024	2204
7440-41-7	Beryllium	0.59		12/02/2024	2204
7440-43-9	Cadmium	1.8		12/02/2024	2204
7440-70-2	Calcium	48000		12/02/2024	2204
7440-47-3	Chromium	18		12/02/2024	2204
7440-48-4	Cobalt	8.7		12/02/2024	2204
7440-50-8	Copper	84		12/02/2024	2204
7439-89-6	Iron	19000	*	12/02/2024	2204
7439-92-1	Lead	530		12/02/2024	2204
7439-95-4	Magnesium	6300		12/02/2024	2204
7439-96-5	Manganese	820	*	12/02/2024	2204
7440-02-0	Nickel	20		12/02/2024	2204
7440-09-7	Potassium	1100		12/02/2024	2204
7782-49-2	Selenium	3.8	U*	12/02/2024	2204
7440-22-4	Silver	1.1	U*	12/02/2024	2204
7440-23-5	Sodium	210	J	12/02/2024	2204
7440-28-0	Thallium	2.7	U	12/02/2024	2204
7440-62-2	Vanadium	23		12/02/2024	2204
7440-66-6	Zinc	320	*	12/02/2024	2204

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

Comments:

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MBHHW0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-07

% Solids: 83.1 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	8200		12/02/2024	2208
7440-36-0	Antimony	0.84	J	12/02/2024	2208
7440-38-2	Arsenic	12		12/02/2024	2208
7440-39-3	Barium	300		12/02/2024	2208
7440-41-7	Beryllium	0.58		12/02/2024	2208
7440-43-9	Cadmium	1.8		12/02/2024	2208
7440-70-2	Calcium	51000		12/02/2024	2208
7440-47-3	Chromium	20		12/02/2024	2208
7440-48-4	Cobalt	8.6		12/02/2024	2208
7440-50-8	Copper	71		12/02/2024	2208
7439-89-6	Iron	17000	*	12/02/2024	2208
7439-92-1	Lead	480		12/02/2024	2208
7439-95-4	Magnesium	6300		12/02/2024	2208
7439-96-5	Manganese	740	*	12/02/2024	2208
7440-02-0	Nickel	21		12/02/2024	2208
7440-09-7	Potassium	1100		12/02/2024	2208
7782-49-2	Selenium	3.6	U*	12/02/2024	2208
7440-22-4	Silver	1.0	U*	12/02/2024	2208
7440-23-5	Sodium	260	J	12/02/2024	2208
7440-28-0	Thallium	2.6	U	12/02/2024	2208
7440-62-2	Vanadium	22		12/02/2024	2208
7440-66-6	Zinc	280	*	12/02/2024	2208

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

Comments:

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MBHHW6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-08

% Solids: 75.4 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		12/02/2024	2213
7440-36-0	Antimony	0.91	J	12/02/2024	2213
7440-38-2	Arsenic	12		12/02/2024	2213
7440-39-3	Barium	110		12/02/2024	2213
7440-41-7	Beryllium	0.50	J	12/02/2024	2213
7440-43-9	Cadmium	1.6		12/02/2024	2213
7440-70-2	Calcium	22000		12/02/2024	2213
7440-47-3	Chromium	15		12/02/2024	2213
7440-48-4	Cobalt	9.3		12/02/2024	2213
7440-50-8	Copper	42		12/02/2024	2213
7439-89-6	Iron	17000	*	12/02/2024	2213
7439-92-1	Lead	370		12/02/2024	2213
7439-95-4	Magnesium	6000		12/02/2024	2213
7439-96-5	Manganese	1100	*	12/02/2024	2213
7440-02-0	Nickel	24		12/02/2024	2213
7440-09-7	Potassium	690		12/02/2024	2213
7782-49-2	Selenium	3.9	U*	12/02/2024	2213
7440-22-4	Silver	1.1	U*	12/02/2024	2213
7440-23-5	Sodium	170	J	12/02/2024	2213
7440-28-0	Thallium	2.8	U	12/02/2024	2213
7440-62-2	Vanadium	18		12/02/2024	2213
7440-66-6	Zinc	170	*	12/02/2024	2213

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

Comments:

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MBHHW7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5
 Matrix: SOIL Lab Sample ID: P4939-09
 % Solids: 84 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	6100		12/02/2024	2217
7440-36-0	Antimony	0.83	J	12/02/2024	2217
7440-38-2	Arsenic	12		12/02/2024	2217
7440-39-3	Barium	110		12/02/2024	2217
7440-41-7	Beryllium	0.50		12/02/2024	2217
7440-43-9	Cadmium	1.5		12/02/2024	2217
7440-70-2	Calcium	23000		12/02/2024	2217
7440-47-3	Chromium	13		12/02/2024	2217
7440-48-4	Cobalt	8.5		12/02/2024	2217
7440-50-8	Copper	40		12/02/2024	2217
7439-89-6	Iron	15000	*	12/02/2024	2217
7439-92-1	Lead	370		12/02/2024	2217
7439-95-4	Magnesium	5300		12/02/2024	2217
7439-96-5	Manganese	970	*	12/02/2024	2217
7440-02-0	Nickel	22		12/02/2024	2217
7440-09-7	Potassium	580		12/02/2024	2217
7782-49-2	Selenium	3.5	U*	12/02/2024	2217
7440-22-4	Silver	1.0	U*	12/02/2024	2217
7440-23-5	Sodium	180	J	12/02/2024	2217
7440-28-0	Thallium	2.5	U	12/02/2024	2217
7440-62-2	Vanadium	17		12/02/2024	2217
7440-66-6	Zinc	150	*	12/02/2024	2217

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

Comments:

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MBHHW8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-10

% Solids: 84.2 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	6900		12/02/2024	1801
7440-36-0	Antimony	5.8	U	12/02/2024	1801
7440-38-2	Arsenic	14		12/02/2024	1801
7440-39-3	Barium	120		12/02/2024	1801
7440-41-7	Beryllium	0.52		12/02/2024	1801
7440-43-9	Cadmium	1.9		12/02/2024	1801
7440-70-2	Calcium	27000		12/02/2024	1801
7440-47-3	Chromium	13		12/02/2024	1801
7440-48-4	Cobalt	13		12/02/2024	1801
7440-50-8	Copper	47		12/02/2024	1801
7439-89-6	Iron	19000	*	12/02/2024	1801
7439-92-1	Lead	370		12/02/2024	1801
7439-95-4	Magnesium	6000		12/02/2024	1801
7439-96-5	Manganese	1000	*	12/02/2024	1801
7440-02-0	Nickel	24		12/02/2024	1801
7440-09-7	Potassium	780		12/02/2024	1801
7782-49-2	Selenium	3.4	U*	12/02/2024	1801
7440-22-4	Silver	0.97	U*	12/02/2024	1801
7440-23-5	Sodium	190	J	12/02/2024	1801
7440-28-0	Thallium	2.4	U	12/02/2024	1801
7440-62-2	Vanadium	18		12/02/2024	1801
7440-66-6	Zinc	160	*	12/02/2024	1801

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

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MBHHX5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-13

% Solids: 77.4 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	7200		12/02/2024	2222
7440-36-0	Antimony	6.9	U	12/02/2024	2222
7440-38-2	Arsenic	21		12/02/2024	2222
7440-39-3	Barium	240		12/02/2024	2222
7440-41-7	Beryllium	0.63		12/02/2024	2222
7440-43-9	Cadmium	1.7		12/02/2024	2222
7440-70-2	Calcium	3400		12/02/2024	2222
7440-47-3	Chromium	24		12/02/2024	2222
7440-48-4	Cobalt	12		12/02/2024	2222
7440-50-8	Copper	66		12/02/2024	2222
7439-89-6	Iron	19000	*	12/02/2024	2222
7439-92-1	Lead	1000		12/02/2024	2222
7439-95-4	Magnesium	1600		12/02/2024	2222
7439-96-5	Manganese	1400	*	12/02/2024	2222
7440-02-0	Nickel	25		12/02/2024	2222
7440-09-7	Potassium	750		12/02/2024	2222
7782-49-2	Selenium	4.0	U*	12/02/2024	2222
7440-22-4	Silver	1.2	U*	12/02/2024	2222
7440-23-5	Sodium	170	J	12/02/2024	2222
7440-28-0	Thallium	2.9	U	12/02/2024	2222
7440-62-2	Vanadium	23		12/02/2024	2222
7440-66-6	Zinc	240	*	12/02/2024	2222

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHX6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-14

% Solids: 81.3 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	7400		12/02/2024	2226
7440-36-0	Antimony	6.5	U	12/02/2024	2226
7440-38-2	Arsenic	20		12/02/2024	2226
7440-39-3	Barium	280		12/02/2024	2226
7440-41-7	Beryllium	0.60		12/02/2024	2226
7440-43-9	Cadmium	1.9		12/02/2024	2226
7440-70-2	Calcium	2900		12/02/2024	2226
7440-47-3	Chromium	26		12/02/2024	2226
7440-48-4	Cobalt	12		12/02/2024	2226
7440-50-8	Copper	160		12/02/2024	2226
7439-89-6	Iron	22000	*	12/02/2024	2226
7439-92-1	Lead	1000		12/02/2024	2226
7439-95-4	Magnesium	1500		12/02/2024	2226
7439-96-5	Manganese	1600	*	12/02/2024	2226
7440-02-0	Nickel	25		12/02/2024	2226
7440-09-7	Potassium	790		12/02/2024	2226
7782-49-2	Selenium	3.8	U*	12/02/2024	2226
7440-22-4	Silver	1.1	U*	12/02/2024	2226
7440-23-5	Sodium	170	J	12/02/2024	2226
7440-28-0	Thallium	2.7	U	12/02/2024	2226
7440-62-2	Vanadium	23		12/02/2024	2226
7440-66-6	Zinc	290	*	12/02/2024	2226

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHY5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-15

% Solids: 78.1 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	7700		12/02/2024	2230
7440-36-0	Antimony	0.52	J	12/02/2024	2230
7440-38-2	Arsenic	6.7		12/02/2024	2230
7440-39-3	Barium	69		12/02/2024	2230
7440-41-7	Beryllium	0.46	J	12/02/2024	2230
7440-43-9	Cadmium	1.1		12/02/2024	2230
7440-70-2	Calcium	22000		12/02/2024	2230
7440-47-3	Chromium	13		12/02/2024	2230
7440-48-4	Cobalt	8.4		12/02/2024	2230
7440-50-8	Copper	20		12/02/2024	2230
7439-89-6	Iron	18000	*	12/02/2024	2230
7439-92-1	Lead	57		12/02/2024	2230
7439-95-4	Magnesium	9800		12/02/2024	2230
7439-96-5	Manganese	610	*	12/02/2024	2230
7440-02-0	Nickel	20		12/02/2024	2230
7440-09-7	Potassium	1200		12/02/2024	2230
7782-49-2	Selenium	4.0	U*	12/02/2024	2230
7440-22-4	Silver	1.1	U*	12/02/2024	2230
7440-23-5	Sodium	170	J	12/02/2024	2230
7440-28-0	Thallium	2.8	U	12/02/2024	2230
7440-62-2	Vanadium	19		12/02/2024	2230
7440-66-6	Zinc	82	*	12/02/2024	2230

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHY6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-16

% Solids: 82.6 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	7800		12/02/2024	2235
7440-36-0	Antimony	0.55	J	12/02/2024	2235
7440-38-2	Arsenic	8.0		12/02/2024	2235
7440-39-3	Barium	71		12/02/2024	2235
7440-41-7	Beryllium	0.50	J	12/02/2024	2235
7440-43-9	Cadmium	1.1		12/02/2024	2235
7440-70-2	Calcium	23000		12/02/2024	2235
7440-47-3	Chromium	13		12/02/2024	2235
7440-48-4	Cobalt	8.7		12/02/2024	2235
7440-50-8	Copper	21		12/02/2024	2235
7439-89-6	Iron	18000	*	12/02/2024	2235
7439-92-1	Lead	64		12/02/2024	2235
7439-95-4	Magnesium	9800		12/02/2024	2235
7439-96-5	Manganese	580	*	12/02/2024	2235
7440-02-0	Nickel	21		12/02/2024	2235
7440-09-7	Potassium	920		12/02/2024	2235
7782-49-2	Selenium	3.8	U*	12/02/2024	2235
7440-22-4	Silver	1.1	U*	12/02/2024	2235
7440-23-5	Sodium	170	J	12/02/2024	2235
7440-28-0	Thallium	2.7	U	12/02/2024	2235
7440-62-2	Vanadium	19		12/02/2024	2235
7440-66-6	Zinc	83	*	12/02/2024	2235

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHY7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-17

% Solids: 88.3 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	7000		12/02/2024	2239
7440-36-0	Antimony	0.67	J	12/02/2024	2239
7440-38-2	Arsenic	12		12/02/2024	2239
7440-39-3	Barium	73		12/02/2024	2239
7440-41-7	Beryllium	0.46	J	12/02/2024	2239
7440-43-9	Cadmium	1.3		12/02/2024	2239
7440-70-2	Calcium	33000		12/02/2024	2239
7440-47-3	Chromium	12		12/02/2024	2239
7440-48-4	Cobalt	8.1		12/02/2024	2239
7440-50-8	Copper	24		12/02/2024	2239
7439-89-6	Iron	19000	*	12/02/2024	2239
7439-92-1	Lead	110		12/02/2024	2239
7439-95-4	Magnesium	12000		12/02/2024	2239
7439-96-5	Manganese	610	*	12/02/2024	2239
7440-02-0	Nickel	20		12/02/2024	2239
7440-09-7	Potassium	730		12/02/2024	2239
7782-49-2	Selenium	3.5	U*	12/02/2024	2239
7440-22-4	Silver	0.99	U*	12/02/2024	2239
7440-23-5	Sodium	210	J	12/02/2024	2239
7440-28-0	Thallium	2.5	U	12/02/2024	2239
7440-62-2	Vanadium	18		12/02/2024	2239
7440-66-6	Zinc	98	*	12/02/2024	2239

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHY8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-18

% Solids: 87 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	10000		12/02/2024	2243
7440-36-0	Antimony	6.3	U	12/02/2024	2243
7440-38-2	Arsenic	14		12/02/2024	2243
7440-39-3	Barium	130		12/02/2024	2243
7440-41-7	Beryllium	0.65		12/02/2024	2243
7440-43-9	Cadmium	1.7		12/02/2024	2243
7440-70-2	Calcium	83000		12/02/2024	2243
7440-47-3	Chromium	15		12/02/2024	2243
7440-48-4	Cobalt	11		12/02/2024	2243
7440-50-8	Copper	25		12/02/2024	2243
7439-89-6	Iron	22000	*	12/02/2024	2243
7439-92-1	Lead	46		12/02/2024	2243
7439-95-4	Magnesium	32000		12/02/2024	2243
7439-96-5	Manganese	730	*	12/02/2024	2243
7440-02-0	Nickel	24		12/02/2024	2243
7440-09-7	Potassium	870		12/02/2024	2243
7782-49-2	Selenium	3.7	U*	12/02/2024	2243
7440-22-4	Silver	1.0	U*	12/02/2024	2243
7440-23-5	Sodium	220	J	12/02/2024	2243
7440-28-0	Thallium	2.6	U	12/02/2024	2243
7440-62-2	Vanadium	22		12/02/2024	2243
7440-66-6	Zinc	150	*	12/02/2024	2243

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHY9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-19

% Solids: 83.8 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	13000		12/02/2024	2248
7440-36-0	Antimony	0.89	J	12/02/2024	2248
7440-38-2	Arsenic	5.4		12/02/2024	2248
7440-39-3	Barium	180		12/02/2024	2248
7440-41-7	Beryllium	0.80		12/02/2024	2248
7440-43-9	Cadmium	1.8		12/02/2024	2248
7440-70-2	Calcium	64000		12/02/2024	2248
7440-47-3	Chromium	19		12/02/2024	2248
7440-48-4	Cobalt	12		12/02/2024	2248
7440-50-8	Copper	29		12/02/2024	2248
7439-89-6	Iron	25000	*	12/02/2024	2248
7439-92-1	Lead	32		12/02/2024	2248
7439-95-4	Magnesium	18000		12/02/2024	2248
7439-96-5	Manganese	530	*	12/02/2024	2248
7440-02-0	Nickel	30		12/02/2024	2248
7440-09-7	Potassium	690		12/02/2024	2248
7782-49-2	Selenium	3.6	U*	12/02/2024	2248
7440-22-4	Silver	1.0	U*	12/02/2024	2248
7440-23-5	Sodium	220	J	12/02/2024	2248
7440-28-0	Thallium	2.6	U	12/02/2024	2248
7440-62-2	Vanadium	25		12/02/2024	2248
7440-66-6	Zinc	150	*	12/02/2024	2248

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHZ0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-20

% Solids: 82.1 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	14000		12/02/2024	2253
7440-36-0	Antimony	1.1	J	12/02/2024	2253
7440-38-2	Arsenic	3.8		12/02/2024	2253
7440-39-3	Barium	190		12/02/2024	2253
7440-41-7	Beryllium	0.83		12/02/2024	2253
7440-43-9	Cadmium	1.7		12/02/2024	2253
7440-70-2	Calcium	52000		12/02/2024	2253
7440-47-3	Chromium	19		12/02/2024	2253
7440-48-4	Cobalt	13		12/02/2024	2253
7440-50-8	Copper	29		12/02/2024	2253
7439-89-6	Iron	27000	*	12/02/2024	2253
7439-92-1	Lead	32		12/02/2024	2253
7439-95-4	Magnesium	11000		12/02/2024	2253
7439-96-5	Manganese	450	*	12/02/2024	2253
7440-02-0	Nickel	32		12/02/2024	2253
7440-09-7	Potassium	620		12/02/2024	2253
7782-49-2	Selenium	3.6	U*	12/02/2024	2253
7440-22-4	Silver	1.0	U*	12/02/2024	2253
7440-23-5	Sodium	220	J	12/02/2024	2253
7440-28-0	Thallium	2.6	U	12/02/2024	2253
7440-62-2	Vanadium	28		12/02/2024	2253
7440-66-6	Zinc	130	*	12/02/2024	2253

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHZ1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-21

% Solids: 82 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	12000		12/02/2024	2257
7440-36-0	Antimony	0.80	J	12/02/2024	2257
7440-38-2	Arsenic	5.9		12/02/2024	2257
7440-39-3	Barium	150		12/02/2024	2257
7440-41-7	Beryllium	0.74		12/02/2024	2257
7440-43-9	Cadmium	1.5		12/02/2024	2257
7440-70-2	Calcium	71000		12/02/2024	2257
7440-47-3	Chromium	16		12/02/2024	2257
7440-48-4	Cobalt	11		12/02/2024	2257
7440-50-8	Copper	27		12/02/2024	2257
7439-89-6	Iron	23000	*	12/02/2024	2257
7439-92-1	Lead	37		12/02/2024	2257
7439-95-4	Magnesium	22000		12/02/2024	2257
7439-96-5	Manganese	490	*	12/02/2024	2257
7440-02-0	Nickel	27		12/02/2024	2257
7440-09-7	Potassium	730		12/02/2024	2257
7782-49-2	Selenium	3.8	U*	12/02/2024	2257
7440-22-4	Silver	1.1	U*	12/02/2024	2257
7440-23-5	Sodium	240	J	12/02/2024	2257
7440-28-0	Thallium	2.7	U	12/02/2024	2257
7440-62-2	Vanadium	23		12/02/2024	2257
7440-66-6	Zinc	110	*	12/02/2024	2257

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHZ2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHS5

Matrix: SOIL Lab Sample ID: P4939-22

% Solids: 77.8 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	7600		12/02/2024	2302
7440-36-0	Antimony	1.1	J	12/02/2024	2302
7440-38-2	Arsenic	11		12/02/2024	2302
7440-39-3	Barium	280		12/02/2024	2302
7440-41-7	Beryllium	0.52		12/02/2024	2302
7440-43-9	Cadmium	3.4		12/02/2024	2302
7440-70-2	Calcium	19000		12/02/2024	2302
7440-47-3	Chromium	17		12/02/2024	2302
7440-48-4	Cobalt	9.0		12/02/2024	2302
7440-50-8	Copper	3700	D	12/11/2024	0223
7439-89-6	Iron	16000	*	12/02/2024	2302
7439-92-1	Lead	570		12/02/2024	2302
7439-95-4	Magnesium	3600		12/02/2024	2302
7439-96-5	Manganese	850	*	12/02/2024	2302
7440-02-0	Nickel	21		12/02/2024	2302
7440-09-7	Potassium	1100		12/02/2024	2302
7782-49-2	Selenium	3.4	U*	12/02/2024	2302
7440-22-4	Silver	0.98	U*	12/02/2024	2302
7440-23-5	Sodium	220	J	12/02/2024	2302
7440-28-0	Thallium	2.5	U	12/02/2024	2302
7440-62-2	Vanadium	22		12/02/2024	2302
7440-66-6	Zinc	490	*	12/02/2024	2302

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

Comments: