

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHR1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1
 Matrix: SOIL Lab Sample ID: P4933-01
 % Solids: 70.4 Date Received: 11/20/2024
 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	8000		12/02/2024	2315
7440-36-0	Antimony	0.60	J	12/02/2024	2315
7440-38-2	Arsenic	26		12/02/2024	2315
7440-39-3	Barium	240		12/02/2024	2315
7440-41-7	Beryllium	0.55		12/02/2024	2315
7440-43-9	Cadmium	1.9		12/02/2024	2315
7440-70-2	Calcium	11000		12/02/2024	2315
7440-47-3	Chromium	32		12/02/2024	2315
7440-48-4	Cobalt	13		12/02/2024	2315
7440-50-8	Copper	60	*	12/02/2024	2315
7439-89-6	Iron	22000		12/02/2024	2315
7439-92-1	Lead	330		12/02/2024	2315
7439-95-4	Magnesium	4100		12/02/2024	2315
7439-96-5	Manganese	1800		12/02/2024	2315
7440-02-0	Nickel	25		12/02/2024	2315
7440-09-7	Potassium	1400		12/02/2024	2315
7782-49-2	Selenium	3.7	U*	12/02/2024	2315
7440-22-4	Silver	1.1	U	12/02/2024	2315
7440-23-5	Sodium	230	J	12/02/2024	2315
7440-28-0	Thallium	2.6	U	12/02/2024	2315
7440-62-2	Vanadium	24		12/02/2024	2315
7440-66-6	Zinc	220	*	12/02/2024	2315

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

Comments:

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MBHHR2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1

Matrix: SOIL Lab Sample ID: P4933-02

% Solids: 72.2 Date Received: 11/20/2024

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	2319
7440-36-0	Antimony	0.67	J	12/02/2024	2319
7440-38-2	Arsenic	22		12/02/2024	2319
7440-39-3	Barium	230		12/02/2024	2319
7440-41-7	Beryllium	0.56		12/02/2024	2319
7440-43-9	Cadmium	1.9		12/02/2024	2319
7440-70-2	Calcium	9400		12/02/2024	2319
7440-47-3	Chromium	29		12/02/2024	2319
7440-48-4	Cobalt	12		12/02/2024	2319
7440-50-8	Copper	54	*	12/02/2024	2319
7439-89-6	Iron	20000		12/02/2024	2319
7439-92-1	Lead	360		12/02/2024	2319
7439-95-4	Magnesium	3700		12/02/2024	2319
7439-96-5	Manganese	1600		12/02/2024	2319
7440-02-0	Nickel	24		12/02/2024	2319
7440-09-7	Potassium	980		12/02/2024	2319
7782-49-2	Selenium	3.3	U*	12/02/2024	2319
7440-22-4	Silver	0.94	U	12/02/2024	2319
7440-23-5	Sodium	200	J	12/02/2024	2319
7440-28-0	Thallium	2.4	U	12/02/2024	2319
7440-62-2	Vanadium	23		12/02/2024	2319
7440-66-6	Zinc	200	*	12/02/2024	2319

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

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MBHHR3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1

Matrix: SOIL Lab Sample ID: P4933-03

% Solids: 74.1 Date Received: 11/20/2024

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		12/02/2024	2324
7440-36-0	Antimony	0.72	J	12/02/2024	2324
7440-38-2	Arsenic	19		12/02/2024	2324
7440-39-3	Barium	260		12/02/2024	2324
7440-41-7	Beryllium	0.53	J	12/02/2024	2324
7440-43-9	Cadmium	1.7		12/02/2024	2324
7440-70-2	Calcium	11000		12/02/2024	2324
7440-47-3	Chromium	24		12/02/2024	2324
7440-48-4	Cobalt	11		12/02/2024	2324
7440-50-8	Copper	61	*	12/02/2024	2324
7439-89-6	Iron	18000		12/02/2024	2324
7439-92-1	Lead	390		12/02/2024	2324
7439-95-4	Magnesium	3200		12/02/2024	2324
7439-96-5	Manganese	1800		12/02/2024	2324
7440-02-0	Nickel	22		12/02/2024	2324
7440-09-7	Potassium	950		12/02/2024	2324
7782-49-2	Selenium	4.0	U*	12/02/2024	2324
7440-22-4	Silver	1.2	U	12/02/2024	2324
7440-23-5	Sodium	190	J	12/02/2024	2324
7440-28-0	Thallium	2.9	U	12/02/2024	2324
7440-62-2	Vanadium	22		12/02/2024	2324
7440-66-6	Zinc	240	*	12/02/2024	2324

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

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MBHHR4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1

Matrix: SOIL Lab Sample ID: P4933-04

% Solids: 76.5 Date Received: 11/20/2024

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	2328
7440-36-0	Antimony	0.41	J	12/02/2024	2328
7440-38-2	Arsenic	23		12/02/2024	2328
7440-39-3	Barium	350		12/02/2024	2328
7440-41-7	Beryllium	0.55		12/02/2024	2328
7440-43-9	Cadmium	2.3		12/02/2024	2328
7440-70-2	Calcium	14000		12/02/2024	2328
7440-47-3	Chromium	19		12/02/2024	2328
7440-48-4	Cobalt	15		12/02/2024	2328
7440-50-8	Copper	78	*	12/02/2024	2328
7439-89-6	Iron	22000		12/02/2024	2328
7439-92-1	Lead	1700		12/02/2024	2328
7439-95-4	Magnesium	3700		12/02/2024	2328
7439-96-5	Manganese	2600		12/02/2024	2328
7440-02-0	Nickel	25		12/02/2024	2328
7440-09-7	Potassium	930		12/02/2024	2328
7782-49-2	Selenium	3.2	U*	12/02/2024	2328
7440-22-4	Silver	0.93	U	12/02/2024	2328
7440-23-5	Sodium	220	J	12/02/2024	2328
7440-28-0	Thallium	2.3	U	12/02/2024	2328
7440-62-2	Vanadium	24		12/02/2024	2328
7440-66-6	Zinc	260	*	12/02/2024	2328

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

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MBHHR5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1

Matrix: SOIL Lab Sample ID: P4933-05

% Solids: 79.4 Date Received: 11/20/2024

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	2332
7440-36-0	Antimony	6.2	U	12/02/2024	2332
7440-38-2	Arsenic	17		12/02/2024	2332
7440-39-3	Barium	340		12/02/2024	2332
7440-41-7	Beryllium	0.37	J	12/02/2024	2332
7440-43-9	Cadmium	1.7		12/02/2024	2332
7440-70-2	Calcium	36000		12/02/2024	2332
7440-47-3	Chromium	13		12/02/2024	2332
7440-48-4	Cobalt	14		12/02/2024	2332
7440-50-8	Copper	57	*	12/02/2024	2332
7439-89-6	Iron	19000		12/02/2024	2332
7439-92-1	Lead	180		12/02/2024	2332
7439-95-4	Magnesium	6300		12/02/2024	2332
7439-96-5	Manganese	9800	D	12/11/2024	0145
7440-02-0	Nickel	24		12/02/2024	2332
7440-09-7	Potassium	850		12/02/2024	2332
7782-49-2	Selenium	3.6	U*	12/02/2024	2332
7440-22-4	Silver	1.0	U	12/02/2024	2332
7440-23-5	Sodium	200	J	12/02/2024	2332
7440-28-0	Thallium	2.6	U	12/02/2024	2332
7440-62-2	Vanadium	19		12/02/2024	2332
7440-66-6	Zinc	140	*	12/02/2024	2332

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

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MBHHR6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1

Matrix: SOIL Lab Sample ID: P4933-06

% Solids: 79.6 Date Received: 11/20/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5800		12/02/2024	2337
7440-36-0	Antimony	0.43	J	12/02/2024	2337
7440-38-2	Arsenic	20		12/02/2024	2337
7440-39-3	Barium	160		12/02/2024	2337
7440-41-7	Beryllium	0.44	J	12/02/2024	2337
7440-43-9	Cadmium	1.8		12/02/2024	2337
7440-70-2	Calcium	22000		12/02/2024	2337
7440-47-3	Chromium	11		12/02/2024	2337
7440-48-4	Cobalt	13		12/02/2024	2337
7440-50-8	Copper	52	*	12/02/2024	2337
7439-89-6	Iron	22000		12/02/2024	2337
7439-92-1	Lead	120		12/02/2024	2337
7439-95-4	Magnesium	7100		12/02/2024	2337
7439-96-5	Manganese	1800		12/02/2024	2337
7440-02-0	Nickel	21		12/02/2024	2337
7440-09-7	Potassium	810		12/02/2024	2337
7782-49-2	Selenium	3.2	U*	12/02/2024	2337
7440-22-4	Silver	0.90	U	12/02/2024	2337
7440-23-5	Sodium	240	J	12/02/2024	2337
7440-28-0	Thallium	2.3	U	12/02/2024	2337
7440-62-2	Vanadium	18		12/02/2024	2337
7440-66-6	Zinc	110	*	12/02/2024	2337

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

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MBHHR7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1

Matrix: SOIL Lab Sample ID: P4933-07

% Solids: 76.9 Date Received: 11/20/2024

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	8500		12/02/2024	2341
7440-36-0	Antimony	0.84	J	12/02/2024	2341
7440-38-2	Arsenic	7.9		12/02/2024	2341
7440-39-3	Barium	120		12/02/2024	2341
7440-41-7	Beryllium	0.63		12/02/2024	2341
7440-43-9	Cadmium	1.7		12/02/2024	2341
7440-70-2	Calcium	46000		12/02/2024	2341
7440-47-3	Chromium	15		12/02/2024	2341
7440-48-4	Cobalt	9.5		12/02/2024	2341
7440-50-8	Copper	35	*	12/02/2024	2341
7439-89-6	Iron	21000		12/02/2024	2341
7439-92-1	Lead	140		12/02/2024	2341
7439-95-4	Magnesium	14000		12/02/2024	2341
7439-96-5	Manganese	650		12/02/2024	2341
7440-02-0	Nickel	28		12/02/2024	2341
7440-09-7	Potassium	1400		12/02/2024	2341
7782-49-2	Selenium	3.6	U*	12/02/2024	2341
7440-22-4	Silver	1.0	U	12/02/2024	2341
7440-23-5	Sodium	200	J	12/02/2024	2341
7440-28-0	Thallium	2.5	U	12/02/2024	2341
7440-62-2	Vanadium	20		12/02/2024	2341
7440-66-6	Zinc	170	*	12/02/2024	2341

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

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MBHHR8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1

Matrix: SOIL Lab Sample ID: P4933-08

% Solids: 83.7 Date Received: 11/20/2024

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	8400		12/02/2024	2345
7440-36-0	Antimony	0.81	J	12/02/2024	2345
7440-38-2	Arsenic	7.6		12/02/2024	2345
7440-39-3	Barium	110		12/02/2024	2345
7440-41-7	Beryllium	0.64		12/02/2024	2345
7440-43-9	Cadmium	3.3		12/02/2024	2345
7440-70-2	Calcium	59000		12/02/2024	2345
7440-47-3	Chromium	15		12/02/2024	2345
7440-48-4	Cobalt	9.0		12/02/2024	2345
7440-50-8	Copper	31	*	12/02/2024	2345
7439-89-6	Iron	19000		12/02/2024	2345
7439-92-1	Lead	120		12/02/2024	2345
7439-95-4	Magnesium	19000		12/02/2024	2345
7439-96-5	Manganese	650		12/02/2024	2345
7440-02-0	Nickel	27		12/02/2024	2345
7440-09-7	Potassium	1000		12/02/2024	2345
7782-49-2	Selenium	3.6	U*	12/02/2024	2345
7440-22-4	Silver	1.0	U	12/02/2024	2345
7440-23-5	Sodium	210	J	12/02/2024	2345
7440-28-0	Thallium	2.6	U	12/02/2024	2345
7440-62-2	Vanadium	19		12/02/2024	2345
7440-66-6	Zinc	460	*	12/02/2024	2345

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

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MBHHR9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1

Matrix: SOIL Lab Sample ID: P4933-09

% Solids: 85.1 Date Received: 11/20/2024

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		12/02/2024	2350
7440-36-0	Antimony	0.74	J	12/02/2024	2350
7440-38-2	Arsenic	5.2		12/02/2024	2350
7440-39-3	Barium	140		12/02/2024	2350
7440-41-7	Beryllium	0.71		12/02/2024	2350
7440-43-9	Cadmium	1.8		12/02/2024	2350
7440-70-2	Calcium	51000		12/02/2024	2350
7440-47-3	Chromium	16		12/02/2024	2350
7440-48-4	Cobalt	11		12/02/2024	2350
7440-50-8	Copper	30	*	12/02/2024	2350
7439-89-6	Iron	22000		12/02/2024	2350
7439-92-1	Lead	87		12/02/2024	2350
7439-95-4	Magnesium	15000		12/02/2024	2350
7439-96-5	Manganese	550		12/02/2024	2350
7440-02-0	Nickel	28		12/02/2024	2350
7440-09-7	Potassium	940		12/02/2024	2350
7782-49-2	Selenium	3.2	U*	12/02/2024	2350
7440-22-4	Silver	0.91	U	12/02/2024	2350
7440-23-5	Sodium	190	J	12/02/2024	2350
7440-28-0	Thallium	2.3	U	12/02/2024	2350
7440-62-2	Vanadium	23		12/02/2024	2350
7440-66-6	Zinc	170	*	12/02/2024	2350

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

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MBHHS0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1

Matrix: SOIL Lab Sample ID: P4933-10

% Solids: 86.3 Date Received: 11/20/2024

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	2355
7440-36-0	Antimony	0.93	J	12/02/2024	2355
7440-38-2	Arsenic	8.7		12/02/2024	2355
7440-39-3	Barium	190		12/02/2024	2355
7440-41-7	Beryllium	0.77		12/02/2024	2355
7440-43-9	Cadmium	1.8		12/02/2024	2355
7440-70-2	Calcium	52000		12/02/2024	2355
7440-47-3	Chromium	16		12/02/2024	2355
7440-48-4	Cobalt	9.9		12/02/2024	2355
7440-50-8	Copper	41	*	12/02/2024	2355
7439-89-6	Iron	23000		12/02/2024	2355
7439-92-1	Lead	220		12/02/2024	2355
7439-95-4	Magnesium	13000		12/02/2024	2355
7439-96-5	Manganese	610		12/02/2024	2355
7440-02-0	Nickel	28		12/02/2024	2355
7440-09-7	Potassium	780		12/02/2024	2355
7782-49-2	Selenium	3.6	U*	12/02/2024	2355
7440-22-4	Silver	1.0	U	12/02/2024	2355
7440-23-5	Sodium	220	J	12/02/2024	2355
7440-28-0	Thallium	2.6	U	12/02/2024	2355
7440-62-2	Vanadium	23		12/02/2024	2355
7440-66-6	Zinc	190	*	12/02/2024	2355

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

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MBHHS1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1

Matrix: SOIL Lab Sample ID: P4933-11

% Solids: 88.5 Date Received: 11/20/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7100		12/02/2024	2359
7440-36-0	Antimony	1.1	J	12/02/2024	2359
7440-38-2	Arsenic	18		12/02/2024	2359
7440-39-3	Barium	180		12/02/2024	2359
7440-41-7	Beryllium	0.79		12/02/2024	2359
7440-43-9	Cadmium	1.7		12/02/2024	2359
7440-70-2	Calcium	53000		12/02/2024	2359
7440-47-3	Chromium	13		12/02/2024	2359
7440-48-4	Cobalt	8.8		12/02/2024	2359
7440-50-8	Copper	51	*	12/02/2024	2359
7439-89-6	Iron	20000		12/02/2024	2359
7439-92-1	Lead	380		12/02/2024	2359
7439-95-4	Magnesium	13000		12/02/2024	2359
7439-96-5	Manganese	740		12/02/2024	2359
7440-02-0	Nickel	25		12/02/2024	2359
7440-09-7	Potassium	740		12/02/2024	2359
7782-49-2	Selenium	3.5	U*	12/02/2024	2359
7440-22-4	Silver	0.99	U	12/02/2024	2359
7440-23-5	Sodium	250	J	12/02/2024	2359
7440-28-0	Thallium	2.5	U	12/02/2024	2359
7440-62-2	Vanadium	19		12/02/2024	2359
7440-66-6	Zinc	200	*	12/02/2024	2359

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHS2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1
 Matrix: SOIL Lab Sample ID: P4933-12
 % Solids: 89.9 Date Received: 11/20/2024
 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		12/03/2024	0003
7440-36-0	Antimony	1.7	J	12/03/2024	0003
7440-38-2	Arsenic	13		12/03/2024	0003
7440-39-3	Barium	130		12/03/2024	0003
7440-41-7	Beryllium	0.65		12/03/2024	0003
7440-43-9	Cadmium	1.4		12/03/2024	0003
7440-70-2	Calcium	30000		12/03/2024	0003
7440-47-3	Chromium	10		12/03/2024	0003
7440-48-4	Cobalt	7.9		12/03/2024	0003
7440-50-8	Copper	50	*	12/03/2024	0003
7439-89-6	Iron	20000		12/03/2024	0003
7439-92-1	Lead	180		12/03/2024	0003
7439-95-4	Magnesium	8200		12/03/2024	0003
7439-96-5	Manganese	670		12/03/2024	0003
7440-02-0	Nickel	18		12/03/2024	0003
7440-09-7	Potassium	550		12/03/2024	0003
7782-49-2	Selenium	3.6	U*	12/03/2024	0003
7440-22-4	Silver	1.0	U	12/03/2024	0003
7440-23-5	Sodium	230	J	12/03/2024	0003
7440-28-0	Thallium	2.6	U	12/03/2024	0003
7440-62-2	Vanadium	17		12/03/2024	0003
7440-66-6	Zinc	130	*	12/03/2024	0003

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHS3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1

Matrix: SOIL Lab Sample ID: P4933-13

% Solids: 91 Date Received: 11/20/2024

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		12/03/2024	0008
7440-36-0	Antimony	0.87	J	12/03/2024	0008
7440-38-2	Arsenic	12		12/03/2024	0008
7440-39-3	Barium	120		12/03/2024	0008
7440-41-7	Beryllium	0.66		12/03/2024	0008
7440-43-9	Cadmium	1.2		12/03/2024	0008
7440-70-2	Calcium	51000		12/03/2024	0008
7440-47-3	Chromium	9.0		12/03/2024	0008
7440-48-4	Cobalt	7.2		12/03/2024	0008
7440-50-8	Copper	43	*	12/03/2024	0008
7439-89-6	Iron	17000		12/03/2024	0008
7439-92-1	Lead	200		12/03/2024	0008
7439-95-4	Magnesium	9600		12/03/2024	0008
7439-96-5	Manganese	650		12/03/2024	0008
7440-02-0	Nickel	16		12/03/2024	0008
7440-09-7	Potassium	690		12/03/2024	0008
7782-49-2	Selenium	3.5	U*	12/03/2024	0008
7440-22-4	Silver	0.99	U	12/03/2024	0008
7440-23-5	Sodium	260	J	12/03/2024	0008
7440-28-0	Thallium	2.5	U	12/03/2024	0008
7440-62-2	Vanadium	17		12/03/2024	0008
7440-66-6	Zinc	120	*	12/03/2024	0008

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHS4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1

Matrix: Water Lab Sample ID: P4933-14

% Solids: Date Received: 11/20/2024

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	12/02/2024	2138
7440-36-0	Antimony	60	U	12/02/2024	2138
7440-38-2	Arsenic	10	U	12/02/2024	2138
7440-39-3	Barium	200	U	12/02/2024	2138
7440-41-7	Beryllium	5.0	U	12/02/2024	2138
7440-43-9	Cadmium	5.0	U	12/02/2024	2138
7440-70-2	Calcium	5000	U	12/02/2024	2138
7440-47-3	Chromium	10	U	12/02/2024	2138
7440-48-4	Cobalt	50	U	12/02/2024	2138
7440-50-8	Copper	25	U	12/02/2024	2138
7439-89-6	Iron	94	J	12/02/2024	2138
7439-92-1	Lead	10	U	12/02/2024	2138
7439-95-4	Magnesium	5000	U	12/02/2024	2138
7439-96-5	Manganese	4.1	J	12/02/2024	2138
7440-02-0	Nickel	40	U	12/02/2024	2138
7440-09-7	Potassium	5000	U	12/02/2024	2138
7782-49-2	Selenium	35	U	12/02/2024	2138
7440-22-4	Silver	10	U	12/02/2024	2138
7440-23-5	Sodium	5000	U	12/02/2024	2138
7440-28-0	Thallium	25	U	12/02/2024	2138
7440-62-2	Vanadium	50	U	12/02/2024	2138
7440-66-6	Zinc	60	U	12/02/2024	2138

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHW9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1

Matrix: SOIL Lab Sample ID: P4933-15

% Solids: 85.7 Date Received: 11/21/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6600		12/03/2024	0012
7440-36-0	Antimony	0.65	J	12/03/2024	0012
7440-38-2	Arsenic	9.6		12/03/2024	0012
7440-39-3	Barium	110		12/03/2024	0012
7440-41-7	Beryllium	0.52		12/03/2024	0012
7440-43-9	Cadmium	1.3		12/03/2024	0012
7440-70-2	Calcium	20000		12/03/2024	0012
7440-47-3	Chromium	13		12/03/2024	0012
7440-48-4	Cobalt	9.0		12/03/2024	0012
7440-50-8	Copper	45	*	12/03/2024	0012
7439-89-6	Iron	17000		12/03/2024	0012
7439-92-1	Lead	320		12/03/2024	0012
7439-95-4	Magnesium	4700		12/03/2024	0012
7439-96-5	Manganese	960		12/03/2024	0012
7440-02-0	Nickel	18		12/03/2024	0012
7440-09-7	Potassium	700		12/03/2024	0012
7782-49-2	Selenium	3.4	U*	12/03/2024	0012
7440-22-4	Silver	0.98	U	12/03/2024	0012
7440-23-5	Sodium	170	J	12/03/2024	0012
7440-28-0	Thallium	2.5	U	12/03/2024	0012
7440-62-2	Vanadium	17		12/03/2024	0012
7440-66-6	Zinc	120	*	12/03/2024	0012

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHX0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1

Matrix: SOIL Lab Sample ID: P4933-16

% Solids: 74.8 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	6500		12/03/2024	0016
7440-36-0	Antimony	1.8	J	12/03/2024	0016
7440-38-2	Arsenic	7.6		12/03/2024	0016
7440-39-3	Barium	230		12/03/2024	0016
7440-41-7	Beryllium	0.45	J	12/03/2024	0016
7440-43-9	Cadmium	2.2		12/03/2024	0016
7440-70-2	Calcium	16000		12/03/2024	0016
7440-47-3	Chromium	17		12/03/2024	0016
7440-48-4	Cobalt	7.9		12/03/2024	0016
7440-50-8	Copper	48	*	12/03/2024	0016
7439-89-6	Iron	15000		12/03/2024	0016
7439-92-1	Lead	300		12/03/2024	0016
7439-95-4	Magnesium	3900		12/03/2024	0016
7439-96-5	Manganese	820		12/03/2024	0016
7440-02-0	Nickel	20		12/03/2024	0016
7440-09-7	Potassium	1000		12/03/2024	0016
7782-49-2	Selenium	3.4	U*	12/03/2024	0016
7440-22-4	Silver	0.98	U	12/03/2024	0016
7440-23-5	Sodium	160	J	12/03/2024	0016
7440-28-0	Thallium	2.5	U	12/03/2024	0016
7440-62-2	Vanadium	18		12/03/2024	0016
7440-66-6	Zinc	310	*	12/03/2024	0016

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHXX1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1

Matrix: SOIL Lab Sample ID: P4933-17

% Solids: 75.7 Date Received: 11/21/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7200		12/03/2024	0021
7440-36-0	Antimony	1.1	J	12/03/2024	0021
7440-38-2	Arsenic	8.4		12/03/2024	0021
7440-39-3	Barium	250		12/03/2024	0021
7440-41-7	Beryllium	0.50	J	12/03/2024	0021
7440-43-9	Cadmium	2.6		12/03/2024	0021
7440-70-2	Calcium	21000		12/03/2024	0021
7440-47-3	Chromium	17		12/03/2024	0021
7440-48-4	Cobalt	8.2		12/03/2024	0021
7440-50-8	Copper	56	*	12/03/2024	0021
7439-89-6	Iron	15000		12/03/2024	0021
7439-92-1	Lead	340		12/03/2024	0021
7439-95-4	Magnesium	4000		12/03/2024	0021
7439-96-5	Manganese	830		12/03/2024	0021
7440-02-0	Nickel	21		12/03/2024	0021
7440-09-7	Potassium	1100		12/03/2024	0021
7782-49-2	Selenium	4.0	U*	12/03/2024	0021
7440-22-4	Silver	1.2	U	12/03/2024	0021
7440-23-5	Sodium	280	J	12/03/2024	0021
7440-28-0	Thallium	2.9	U	12/03/2024	0021
7440-62-2	Vanadium	19		12/03/2024	0021
7440-66-6	Zinc	390	*	12/03/2024	0021

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHX2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1

Matrix: SOIL Lab Sample ID: P4933-18

% Solids: 77.3 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	7800		12/11/2024	0156
7440-36-0	Antimony	6.5	U	12/11/2024	0156
7440-38-2	Arsenic	12		12/11/2024	0156
7440-39-3	Barium	300		12/11/2024	0156
7440-41-7	Beryllium	0.66		12/11/2024	0156
7440-43-9	Cadmium	2.2		12/11/2024	0156
7440-70-2	Calcium	19000		12/11/2024	0156
7440-47-3	Chromium	18		12/11/2024	0156
7440-48-4	Cobalt	12		12/11/2024	0156
7440-50-8	Copper	140	*	12/11/2024	0156
7439-89-6	Iron	17000		12/11/2024	0156
7439-92-1	Lead	400		12/11/2024	0156
7439-95-4	Magnesium	4400		12/11/2024	0156
7439-96-5	Manganese	910		12/11/2024	0156
7440-02-0	Nickel	22		12/11/2024	0156
7440-09-7	Potassium	1100		12/11/2024	0156
7782-49-2	Selenium	3.8	U*	12/11/2024	0156
7440-22-4	Silver	1.1	U	12/11/2024	0156
7440-23-5	Sodium	540	U	12/11/2024	0156
7440-28-0	Thallium	2.7	U	12/11/2024	0156
7440-62-2	Vanadium	19		12/11/2024	0156
7440-66-6	Zinc	400	*	12/11/2024	0156

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHX3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1

Matrix: SOIL Lab Sample ID: P4933-19

% Solids: 78.7 Date Received: 11/21/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7300		12/11/2024	0200
7440-36-0	Antimony	5.2	U	12/11/2024	0200
7440-38-2	Arsenic	13		12/11/2024	0200
7440-39-3	Barium	250		12/11/2024	0200
7440-41-7	Beryllium	0.65		12/11/2024	0200
7440-43-9	Cadmium	1.5		12/11/2024	0200
7440-70-2	Calcium	16000		12/11/2024	0200
7440-47-3	Chromium	15		12/11/2024	0200
7440-48-4	Cobalt	12		12/11/2024	0200
7440-50-8	Copper	82	*	12/11/2024	0200
7439-89-6	Iron	16000		12/11/2024	0200
7439-92-1	Lead	390		12/11/2024	0200
7439-95-4	Magnesium	3700		12/11/2024	0200
7439-96-5	Manganese	990		12/11/2024	0200
7440-02-0	Nickel	20		12/11/2024	0200
7440-09-7	Potassium	1200		12/11/2024	0200
7782-49-2	Selenium	3.0	U*	12/11/2024	0200
7440-22-4	Silver	0.86	U	12/11/2024	0200
7440-23-5	Sodium	430	U	12/11/2024	0200
7440-28-0	Thallium	0.60	J	12/11/2024	0200
7440-62-2	Vanadium	19		12/11/2024	0200
7440-66-6	Zinc	340	*	12/11/2024	0200

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHXX4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHHR1

Matrix: SOIL Lab Sample ID: P4933-20

% Solids: 73.2 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	6800		12/11/2024	0204
7440-36-0	Antimony	0.59	J	12/11/2024	0204
7440-38-2	Arsenic	20		12/11/2024	0204
7440-39-3	Barium	230		12/11/2024	0204
7440-41-7	Beryllium	0.66		12/11/2024	0204
7440-43-9	Cadmium	0.95		12/11/2024	0204
7440-70-2	Calcium	3800		12/11/2024	0204
7440-47-3	Chromium	22		12/11/2024	0204
7440-48-4	Cobalt	13		12/11/2024	0204
7440-50-8	Copper	63	*	12/11/2024	0204
7439-89-6	Iron	17000		12/11/2024	0204
7439-92-1	Lead	890		12/11/2024	0204
7439-95-4	Magnesium	1700		12/11/2024	0204
7439-96-5	Manganese	1400		12/11/2024	0204
7440-02-0	Nickel	24		12/11/2024	0204
7440-09-7	Potassium	800		12/11/2024	0204
7782-49-2	Selenium	1.5	J*	12/11/2024	0204
7440-22-4	Silver	1.2	U	12/11/2024	0204
7440-23-5	Sodium	580	U	12/11/2024	0204
7440-28-0	Thallium	2.9	U	12/11/2024	0204
7440-62-2	Vanadium	17		12/11/2024	0204
7440-66-6	Zinc	230	*	12/11/2024	0204

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

Comments: